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a safer  
world!



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**olympia<sup>TM</sup>  
electronics**  
SAFETY & SECURITY SYSTEMS

*for a safer world!*

**European  
manufacturer**

- | Innovative electronic safety & security systems
- | Purely Greek company
- | Exports to 72 countries

[www.olympia-electronics.com](http://www.olympia-electronics.com)





*for a safer world!*

## OUR COMPANY

— since 1979 —

Innovative electronic safety and security systems  
201 employees with 10% in R & D department  
Strong presence in over 72 countries  
Purely Greek company  
Certified products according to the European Norms

## PRODUCTS

Emergency lighting  
Fire detection systems  
Gas detection systems  
Burglar alarm and security systems  
Access control systems (Card Switches)  
Electronic room thermostats

Emergency lighting & fire detection systems for marine applications

## EXPORTS

We export to 72 countries:

- ♥ European Union
- ♥ Eastern European countries & Russia
- ♥ Middle East and Gulf States
- ♥ Africa
- ♥ America
- ♥ Australia

## QUALITY

OLYMPIA ELECTRONICS S.A. aiming in the quality, has adopted in the last years, production and inspection procedures that have supplied the market with products that are totally in accordance with European Norms (EN).

For the production, the company applies advanced systems "world class manufacturing" such as lean systems , TPM, 5S which give it competitive advantages.

Its products allocate certificates from various certification bodies such as: LPCB, Lloyd's Register H.E.E.Q.A.C, EVPÜ, BSI, e.t.c.

The company applies a complete management system IQMS "oly q" which include quality management systems, as well as environmental, hygiene and personnel safety management systems.

Olympia Electronics S.A. has been certified according to ISO9001, OHSAS 18001, ISO 14001.

**EVPÜ**



1.KXMG40081  
BS EN 60598-2-22  
2.KXMG40086  
BS EN 62034  
3.KXMG40088  
BS EN 61347-2-7  
4.KXMG45103  
BS EN 50171



1010a/01  
1010a/02  
1010b/01  
1010b/02  
1010c/01  
1010c/02  
1010d/01  
1010d/02

**EAC**

**SWISS**  
Objectively True



## REFERENCE LIST

### AIRPORTS (GREECE)

Heraklion, Chania, Sitia,  
Lefkada, Thessaloniki, New  
Aghialos, Mykonos.

### HOSPITALS (GREECE)

General University Hospital of  
Larissa, Paidon Pentelis, Henry  
Dunant Hospital Center,  
Evaggelismos.

### TUNNELS (GREECE)

National Road of Athens -  
Thessaloniki, National Road of  
Athens - Kalamata, Egnatia  
Odos, Underwater tunnel Aktio  
- Preveza, Rio - Antirio Bridge.

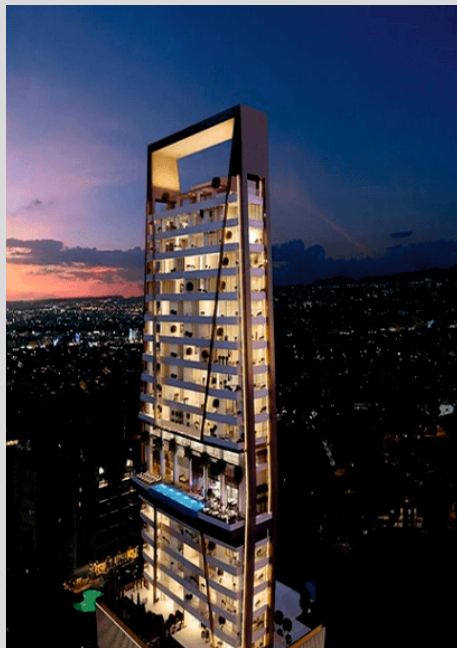
### VARIOUS INSTALLATIONS (GREECE)

Helicopter Base of Marathon,  
Olympic Village, Olympic  
games committee, Stadium of  
Eirinis & Filias, Technological  
Institute of Heraklion ,  
University of Chania,  
Shopping Mall SATURN /  
Thessaloniki, Macedonian  
Thrace Brewery SA / Komotini,  
TAP / Cosmos Offices  
Thessaloniki.

### HOTELS (GREECE)

Grand Serai / Ionnina,  
Grand Hotel /Thessaloniki,  
Mediterranean Palace Hotel /  
Thessaloniki, Mediterranean  
Village / Katerini, Caldera  
Palace / Heraklion Crete,  
Hilton / Athens, Pentelikon /  
Athens, King George / Athens,  
Hotel Grande Bretagne /  
Athens, Sofitel (airport) /  
Athens.





#### AIRPORTS (INTERNATIONAL)

Arlanda Airport / Sweeden  
Landvetter Airport / Sweeden  
Lisbon Airport / Portugal  
New Delhi Airport / India  
Frankfurt Airport / Germany  
Doha International Airport / Qatar.

#### HOTELS (INTERNATIONAL)

Icon Tower -Cyprus,  
Hotel Asplund / Sweeden,  
Movenpick / Petra, Jordan,  
Le Royal Hotel / Dbayeh, Libanon,  
Desert Night Camp / Oman.

#### VARIOUS INSTALLATIONS (INTERNATIONAL)

Frescati university library /  
Sweeden, Happel Stadium /  
Vienna, Austria, Schwerin metro  
/ Germany, Better Life  
Appliances for Cayan Tower/  
Dubai, Hushagsgymnasiet school  
/ Sweeden, Sportsarena  
Änglagården / Sweeden, Twin  
Tower / Libanon, Kadrah Grid  
Station / Oman, ARGO OFFICES  
/ Prague, Czech Republic,  
Prioritet Serneke Arena /  
Sweeden, Press conference  
center of the Olympic Games  
Rio / Brazil

#### SHOPPING MALLS (INTERNATIONAL)

Armada shopping center /  
United Kingdom, Solaris  
shopping center / Estonia,  
Bergvik shopping center /  
Sweeden, El Corte Inglés /  
Spain, Shopping center Mitt I  
city / Sweden.



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# EMERGENCY LIGHTING



# SLIM LEDs LIGHT



S-20000/S65L



S-20000/S65R



S-20000/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARY, PROGRAMMABLE, SELF-TESTING, MAINTAINED / NON-MAINTAINED WITH OPTIONAL OPTICAL IR REMOTE CONTROL

|                    |           |                                                               |       |            |            |          |
|--------------------|-----------|---------------------------------------------------------------|-------|------------|------------|----------|
| GR-2000            | 923200000 | 3,6V/1Ah Ni-Cd                                                | 2-7 h | 3,8W/8,2VA | 125/125 lm | 415 gr.  |
| <b>ACCESSORIES</b> |           |                                                               |       |            |            |          |
| A-2000/W           | 927200000 | Set left - right decorative covers for GR-2000 (white color)  |       |            |            | 16 gr.   |
| A-2000/B           | 927200001 | Set left - right decorative covers for GR-2000 (bronze color) |       |            |            | 16,5 gr. |
| IRT200A            | 927200100 | Remote control (15 keys)                                      |       |            |            | 32,5 gr. |

The packaging contains 12pcs.



# SLIM LEDs LIGHT



S-21000/S65L



S-21000/S65R



S-21000/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED

|                   |           |                   |       |              |            |         |
|-------------------|-----------|-------------------|-------|--------------|------------|---------|
| GR-2100/ST/M      | 923210002 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,3W / 3,6VA | 100/100 lm | 542 gr. |
| GR-2100/ST/OPAL/M | 923210003 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,3W / 3,6VA | 100/100 lm | 542 gr. |
| GR-2110/ST/M      | 923211006 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W / 3,6VA | 100/100 lm | 623 gr. |
| GR-2110/ST/OPAL/M | 923211007 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W / 3,6VA | 100/100 lm | 623 gr. |

The packaging contains 20pcs.

## LED EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED

|                 |           |                   |       |              |            |         |
|-----------------|-----------|-------------------|-------|--------------|------------|---------|
| GR-2100/ST      | 923210004 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W / 3,6VA | 110/110 lm | 534 gr. |
| GR-2100/ST/OPAL | 923210005 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W / 3,6VA | 110/110 lm | 534 gr. |
| GR-2110/ST      | 923211004 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,4W / 3,6VA | 110/110 lm | 612 gr. |
| GR-2110/ST/OPAL | 923211005 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,4W / 3,6VA | 110/110 lm | 612 gr. |

The packaging contains 20pcs.

## LED EMERGENCY LUMINARIES, MAINTAINED / NON-MAINTAINED

|              |           |                   |       |            |           |         |
|--------------|-----------|-------------------|-------|------------|-----------|---------|
| GR-2100      | 923210000 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,7W / 3VA | 40/100 lm | 562 gr. |
| GR-2100/OPAL | 923210001 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,7W / 3VA | 40/100 lm | 562 gr. |
| GR-2110      | 923211002 | 3,6V/1Ah Ni-Cd    | 3 h   | 3W / 3,5VA | 40/100 lm | 570 gr. |
| GR-2110/OPAL | 923211003 | 3,6V/1Ah Ni-Cd    | 3 h   | 3W / 3,5VA | 40/100 lm | 570 gr. |

The packaging contains 20pcs.

| ACCESSORIES - WOODEN BASE | Code      | Color          | Gross weight |
|---------------------------|-----------|----------------|--------------|
| WB-2100/CH                | 927210000 | Cherry         | 284 gr.      |
| WB-2100/NC                | 927210001 | Natural Cherry | 296,5 gr.    |
| WB-2100/WN                | 927210002 | Walnut         | 217 gr.      |





# SLIM LIGHT



S-00801/S65L



S-00801/S65R



S-00801/S65D

\*They have CNBOP-PIB certification

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, MAINTAINED / NON-MAINTAINED

|            |           |                   |       |          |           |         |
|------------|-----------|-------------------|-------|----------|-----------|---------|
| GR-8/leds* | 923378005 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,7W/3VA | 40/100 lm | 396 gr. |
| GR-9/leds* | 923009007 | 3,6V/1Ah Ni-Cd    | 3 h   | 3W/3,5VA | 38/100 lm | 410 gr. |

The packaging contains 20pcs.



| ACCESSORIES | Code      | Description                                                                                                 | Gross weight |
|-------------|-----------|-------------------------------------------------------------------------------------------------------------|--------------|
| A-3008      | 927300800 | Base for recessed mounting on suspended ceiling<br>(A-3018 Suspended ceiling mounting springs are included) | 273 gr.      |



# CLASSIC LIGHT



S-10800/S65L



S-10800/S65R



S-10800/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, MAINTAINED / NON-MAINTAINED

|                |           |                   |       |            |             |         |
|----------------|-----------|-------------------|-------|------------|-------------|---------|
| GR-151-3/L*    | 923151004 | 3,6V/1Ah Ni-Cd    | 3 h   | 3W / 4 VA  | 30 / 75 lm  | 672 gr. |
| GR-108/12L/90  | 923108013 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,5W / 3VA | 40 / 100 lm | 635 gr. |
| GR-109/12L/180 | 923109004 | 3,6V/1Ah Ni-Cd    | 3 h   | 3W / 3,5VA | 38 / 100 lm | 635 gr. |

The packaging contains 16pcs.

## LED EMERGENCY LUMINARY, SELF-TESTING, MAINTAINED (38-44V AC)

|                    |           |                  |       |              |              |         |
|--------------------|-----------|------------------|-------|--------------|--------------|---------|
| GR-119/6L/42V/KL** | 923119007 | 4,8V/1,5Ah Ni-Cd | 1,5 h | 4,7W / 8,7VA | 205 / 340 lm | 730 gr. |
|--------------------|-----------|------------------|-------|--------------|--------------|---------|



| ACCESSORIES | Code      | Description                                             | Gross weight |
|-------------|-----------|---------------------------------------------------------|--------------|
| A-1015      | 927101500 | Base for recessed mounting on suspended wall or ceiling | 273,5 gr.    |

\*Suitable for marine installation

\*\*Suitable for elevators



# EASY LIGHT



\*They have BSI & CNBOP-PIB certifications



S-31101/S65L



S-31101/S65R



S-31101/S65D

| Type                                                      | Code      | Battery           | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-----------------------------------------------------------|-----------|-------------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED</b> |           |                   |          |             |                                               |              |
| GR-315/15L/A*                                             | 923315024 | 3,6V/600mAh Ni-Cd | 1,5 h    | 3,4W/3,8VA  | 105/105 lm                                    | 806 gr.      |
| GR-316/15L/A*                                             | 923316020 | 3,6V/1,5Ah Ni-Cd  | 3 h      | 3,3W/3,7VA  | 105/105 lm                                    | 883 gr.      |
| GR-315/30L/A*                                             | 923315025 | 3,6V/1,5Ah Ni-Cd  | 1,5 h    | 4,5W/4,9VA  | 210/210 lm                                    | 883 gr.      |
| GR-316/30L/A*                                             | 923316021 | 3,6V/3Ah Ni-Cd    | 3 h      | 5,3W/5,6VA  | 210/210 lm                                    | 940 gr.      |
| GR-315/4P/A                                               | 923315026 | 4,8V/1,5Ah Ni-Cd  | 1,5 h    | 4,7W/5,1VA  | 175/350 lm                                    | 940 gr.      |
| GR-315/6P/A                                               | 923315027 | 4,8V/3Ah Ni-Cd    | 1,5 h    | 6,2W/6,5VA  | 245/480 lm                                    | 1025 gr.     |
| GR-316/4P/A                                               | 923316022 | 4,8V/3Ah Ni-Cd    | 3 h      | 5,3W/5,7VA  | 175/350 lm                                    | 1000 gr.     |
| GR-316/6P/A                                               | 923316023 | 4,8V/4Ah Ni-MH    | 3 h      | 6,2W/6,5VA  | 245/480 lm                                    | 1065 gr.     |
| GR-308/15L/A                                              | 923308003 | 3,6V/3Ah Ni-Cd    | 8 h      | 3,7W/4VA    | 125/125 lm                                    | 825 gr.      |

The packaging contains 15pcs.

## LED EMERGENCY LUMINARIES, NON-MAINTAINED / MAINTAINED (internal selection - without L1)

|                  |           |                   |       |            |           |          |
|------------------|-----------|-------------------|-------|------------|-----------|----------|
| GR-310/12L/180/A | 923310048 | 3,6V/1Ah Ni-Cd    | 3 h   | 2,9W/3,2VA | 38/100 lm | 840 gr.  |
| GR-310/12L/90/A  | 923310049 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,9W/3,2VA | 40/100 lm | 850 gr.  |
| GR-310/15L/A*    | 923310047 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,1W/3,3VA | 30/105 lm | 838 gr.  |
| GR-312/15L/A*    | 923312026 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,4W/3,6VA | 30/105 lm | 915 gr.  |
| GR-310/30L/A*    | 923310046 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 3,3W/3,5VA | 30/210 lm | 900 gr.  |
| GR-312/30L/A*    | 923312025 | 3,6V/3Ah Ni-Cd    | 3 h   | 4,5W/4,8VA | 30/210 lm | 1028 gr. |
| GR-309/15L/A     | 923309002 | 3,6V/3Ah Ni-Cd    | 8 h   | 4,9W/5,2VA | 35/125 lm | 1000 gr. |

The packaging contains 15pcs.

## LED EMERGENCY LUMINARIES, NON-MAINTAINED

|             |           |                  |       |            |        |          |
|-------------|-----------|------------------|-------|------------|--------|----------|
| GR-310/4P/A | 923310050 | 4,8V/1,5Ah Ni-Cd | 1,5 h | 4,3W/4,7VA | 350 lm | 1003 gr. |
| GR-310/6P/A | 923310051 | 4,8V/3Ah Ni-Cd   | 1,5 h | 3,5W/4VA   | 480 lm | 1090 gr. |
| GR-312/4P/A | 923312027 | 4,8V/3Ah Ni-Cd   | 3 h   | 4,6W/4,9VA | 350 lm | 1090 gr. |
| GR-312/6P/A | 923312028 | 4,8V/4Ah Ni-MH   | 3 h   | 4,9W/5,2VA | 480 lm | 1140 gr. |

The packaging contains 15pcs.



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# EASY LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI & CNBOP-PIB certifications



S-13100/S65L



S-13100/S65R



S-13100/S65D

| Type                                                      | Code      | Battery           | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-----------------------------------------------------------|-----------|-------------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED</b> |           |                   |          |             |                                               |              |
| GR-1315/15L*                                              | 923131500 | 3,6V/600mAh Ni-Cd | 1,5 h    | 3,4W/3,8VA  | 105/105 lm                                    | 787 gr.      |
| GR-1316/15L*                                              | 923131600 | 3,6V/1,5Ah Ni-Cd  | 3 h      | 3,3W/3,7VA  | 105/105 lm                                    | 866 gr.      |
| GR-1315/30L*                                              | 923131501 | 3,6V/1,5Ah Ni-Cd  | 1,5 h    | 4,5W/4,9VA  | 210/210 lm                                    | 866 gr.      |
| GR-1316/30L*                                              | 923131601 | 3,6V/3Ah Ni-Cd    | 3 h      | 5,3W/5,6VA  | 210/210 lm                                    | 934 gr.      |
| GR-1315/4P                                                | 923131502 | 4,8V/1,5Ah Ni-Cd  | 1,5 h    | 4,7W/5,1VA  | 175/350 lm                                    | 930 gr.      |
| GR-1315/6P                                                | 923131503 | 4,8V/3Ah Ni-Cd    | 1,5 h    | 6,2W/6,5VA  | 245/480 lm                                    | 1020 gr.     |
| GR-1316/4P                                                | 923131602 | 4,8V/3Ah Ni-Cd    | 3 h      | 5,3W/5,7VA  | 175/350 lm                                    | 1020 gr.     |
| GR-1316/6P                                                | 923131603 | 4,8V/4Ah Ni-MH    | 3 h      | 6,2W/6,5VA  | 245/480 lm                                    | 1060 gr.     |

The packaging contains 15pcs.

## LED EMERGENCY LUMINARIES, MAINTAINED / NON - MAINTAINED (internal selection - without L1)

|                 |           |                   |       |            |           |         |
|-----------------|-----------|-------------------|-------|------------|-----------|---------|
| GR-1310/12L/180 | 923131004 | 3,6V/1Ah Ni-Cd    | 3 h   | 2,9W/3,2VA | 38/100 lm | 845 gr. |
| GR-1310/12L/90  | 923131005 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,9W/3,2VA | 40/100 lm | 835 gr. |
| GR-1310/15L*    | 923131000 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,1W/3,3VA | 30/105 lm | 841 gr. |
| GR-1312/15L*    | 923131200 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,4W/3,6VA | 30/105 lm | 918 gr. |
| GR-1310/30L*    | 923131001 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 3,3W/3,5VA | 30/210 lm | 918 gr. |
| GR-1312/30L*    | 923131201 | 3,6V/3Ah Ni-Cd    | 3 h   | 4,5W/4,8VA | 30/210 lm | 990 gr. |

The packaging contains 15pcs.

## LED EMERGENCY LUMINARIES, NON - MAINTAINED

|            |           |                  |       |            |        |          |
|------------|-----------|------------------|-------|------------|--------|----------|
| GR-1310/4P | 923131002 | 4,8V/1,5Ah Ni-Cd | 1,5 h | 4,3W/4,7VA | 350 lm | 985 gr.  |
| GR-1310/6P | 923131003 | 4,8V/3Ah Ni-Cd   | 1,5 h | 3,5W/4VA   | 480 lm | 1075 gr. |
| GR-1312/4P | 923131202 | 4,8V/3Ah Ni-Cd   | 3 h   | 4,6W/4,9VA | 350 lm | 1075 gr. |
| GR-1312/6P | 923131203 | 4,8V/4Ah Ni-MH   | 3 h   | 4,9W/5,2VA | 480 lm | 1125 gr. |

The packaging contains 15pcs.



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# COMFORT LIGHT



S-40000/S65L



S-40000/S65R



S-40000/S65D

| Type                                                      | Code      | Battery           | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-----------------------------------------------------------|-----------|-------------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED</b> |           |                   |          |             |                                               |              |
| GR-421/3L                                                 | 923421003 | 3,6V/1Ah Ni-Cd    | 1,5 h    | 3,5W/7VA    | 220/150 lm                                    | 570 gr.      |
| GR-421/6L                                                 | 923421002 | 3,6V/1,5Ah Ni-Cd  | 1,5 h    | 4,5W/7,5VA  | 220/300 lm                                    | 635 gr.      |
| GR-423/3L                                                 | 923423003 | 3,6V/1,5Ah Ni-Cd  | 3 h      | 4,5W/7,5VA  | 220/150 lm                                    | 631 gr.      |
| GR-423/6L                                                 | 923423005 | 3,6V/3Ah Ni-Cd    | 3 h      | 4,9W/8,8VA  | 220/300 lm                                    | 711 gr.      |
| GR-421/12L                                                | 923421007 | 3,6V/600mAh Ni-Cd | 1,5 h    | 3,6W/6,5VA  | 100/100 lm                                    | 555 gr.      |
| GR-421/24L                                                | 923421008 | 3,6V/1Ah Ni-Cd    | 1,5 h    | 4W/7VA      | 200/200 lm                                    | 562 gr.      |
| GR-423/12L                                                | 923423007 | 3,6V/1Ah Ni-Cd    | 3 h      | 3W/6,5VA    | 100/100 lm                                    | 562 gr.      |
| GR-423/24L                                                | 923423008 | 3,6V/2Ah Ni-MH    | 3 h      | 4W/7VA      | 200/200 lm                                    | 646 gr.      |
| GR-427/12L                                                | 923427000 | 3,6V/3Ah Ni-Cd    | 8 h      | 3,5W/7VA    | 100/100 lm                                    | 692 gr.      |

The packaging contains 15pcs.

## LED EMERGENCY LUMINARIES, NON - MAINTAINED

|             |           |                   |       |          |           |         |
|-------------|-----------|-------------------|-------|----------|-----------|---------|
| GR-408/3L   | 923408004 | 3,6V/1Ah Ni-Cd    | 1,5 h | 3VA      | 150 lm    | 614 gr. |
| GR-408/6L   | 923408005 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 3,5VA    | 300 lm    | 686 gr. |
| GR-409/3L   | 923409003 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,5VA    | 150 lm    | 685 gr. |
| GR-409/6L   | 923409006 | 3,6V/3Ah Ni-Cd    | 3 h   | 4VA      | 300 lm    | 755 gr. |
| GR-408/12L* | 923408010 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,5W/3VA | 40/100 lm | 586 gr. |
| GR-409/12L* | 923409007 | 3,6V/1Ah Ni-Cd    | 3 h   | 3W/3,5VA | 35/100 lm | 596 gr. |
| GR-440/12L  | 923440000 | 3,6V/3Ah Ni-Cd    | 8 h   | 4W/4,3VA | 100 lm    | 772 gr. |

\* Maintained / Non maintained operation (internal selection without L1)

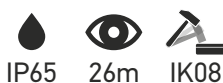
The packaging contains 15pcs.



| ACCESSORIES | Code      | Description                        | Gross Weight |
|-------------|-----------|------------------------------------|--------------|
| A-3018      | 980330180 | Suspended ceiling mounting springs | 10,9 gr.     |
| SP-115      | 922115000 | Double sided PVC 6mm marking panel | 224,5 gr.    |



# WEATHER LIGHT



S-93593/S65L



S-93593/S65R



S-93593/S65D

KM640081  
BS EN 60598-2-22

\*They have BSI certification

\*\*They have CNBOP-PIB certification

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, MAINTAINED

|             |           |                   |       |            |            |          |
|-------------|-----------|-------------------|-------|------------|------------|----------|
| GR-938/15L* | 923938006 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W/3,8VA | 105/105 lm | 950 gr.  |
| GR-938/30L* | 923938007 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 4,5W/4,9VA | 210/210 lm | 1050 gr. |
| GR-939/15L* | 923939009 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W/3,7VA | 105/105 lm | 1048 gr. |
| GR-939/30L* | 923939100 | 3,6V/3Ah Ni-Cd    | 3 h   | 5,3W/5,6VA | 210/210 lm | 1100 gr. |
| GR-938/4P   | 923938003 | 4,8V/1,5Ah Ni-Cd  | 1,5 h | 4,6W/5VA   | 175/350 lm | 1075 gr. |
| GR-938/6P   | 923938004 | 4,8V/3Ah Ni-Cd    | 1,5 h | 5,8W/6,2VA | 245/480 lm | 1168 gr. |
| GR-939/4P   | 923939007 | 4,8V/3Ah Ni-Cd    | 3 h   | 5,2W/5,5VA | 175/350 lm | 1165 gr. |
| GR-939/6P   | 923939008 | 4,8V/4Ah Ni-Mh    | 3 h   | 6,1W/6,4VA | 245/480 lm | 1210 gr. |
| GR-940/15L  | 923940000 | 3,6V/3Ah Ni-Cd    | 8 h   | 4,1W/4,5VA | 105/105 lm | 1135 gr. |

The packaging contains 12pcs.

## LED EMERGENCY LUMINARIES, WATERPROOF, NON - MAINTAINED

|            |           |                   |       |            |        |          |
|------------|-----------|-------------------|-------|------------|--------|----------|
| GR-935/15L | 923935013 | 3,6V/600mAh Ni-Cd | 1,5 h | 2,5W/3VA   | 125 lm | 1006 gr. |
| GR-935/30L | 923935014 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 2,5W/3VA   | 250 lm | 1082 gr. |
| GR-936/15L | 923936009 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 2,5W/3VA   | 125 lm | 1076 gr. |
| GR-936/30L | 923936010 | 3,6V/3Ah Ni-Cd    | 3 h   | 3,6W/4,3VA | 250 lm | 1175 gr. |
| GR-935/4P  | 923935010 | 4,8V/1,5Ah Ni-Cd  | 1,5 h | 4VA        | 350 lm | 1142 gr. |
| GR-935/6P  | 923935011 | 4,8V/3Ah Ni-Cd    | 1,5 h | 4,8VA      | 480 lm | 1250 gr. |
| GR-936/4P  | 923936005 | 4,8V/3Ah Ni-Cd    | 3 h   | 4,8VA      | 350 lm | 1230 gr. |
| GR-936/6P  | 923936006 | 4,8V/4Ah Ni-Mh    | 3 h   | 5,5VA      | 480 lm | 1300 gr. |
| GR-941/15L | 923941000 | 3,6V/3Ah Ni-Cd    | 8 h   | 3,5W/4VA   | 105 lm | 1175 gr. |

The packaging contains 12pcs.

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, MAINTAINED, LOW TEMPERATURE OPERATING (-20 °C) (IDEAL FOR REFRIGERATORS & COLD ROOMS)



|                 |           |                |       |          |            |          |
|-----------------|-----------|----------------|-------|----------|------------|----------|
| GR-938/30L/LT** | 923938016 | 3,6V/2Ah Ni-MH | 1,5 h | 31W/33VA | 280/230 lm | 1140 gr. |
| GR-939/30L/LT** | 923939016 | 3,6V/4Ah Ni-MH | 3 h   | 32W/35VA | 280/230 lm | 1250 gr. |

The packaging contains 12pcs.

## LED EMERGENCY LUMINARY, WATERPROOF, SELF-TESTING, MAINTAINED WITH SUPERCAPACITOR

|               |           |                         |     |                  |            |          |
|---------------|-----------|-------------------------|-----|------------------|------------|----------|
| GR-900/30L/SC | 923900000 | Supercapacitor A-900/SC | 1 h | 6W/6,5VA/PF:0.92 | 250 / 90lm | 1247 gr. |
|---------------|-----------|-------------------------|-----|------------------|------------|----------|

The packaging contains 12pcs.



innovation  
without  
batteries



years  
guarantee

### Innovation!

The GR-900/30L/SC incorporates a bank of super capacitors instead of normal batteries and offers a 10 year guarantee for the good operation of the entire device. They are self-testing with advance capacitor charging and discharging circuits while simultaneously achieving low power consumption and high power factor 0.93 . Ambient operating temperature -40° + 65°.



| ACCESSORIES | Code      | Description                    | Gross weight |
|-------------|-----------|--------------------------------|--------------|
| A-1017      | 927101700 | Plastic double sided diffuser  | 538 gr.      |
| A-9000      | 927900001 | Ceiling bracket for GR-9xx/xxL | 879 gr.      |



# WEATHER LIGHT



\*They have BSI & CNBOP-PIB certifications



S-1938/S65L



S-1938/S65R



S-1938/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, MAINTAINED

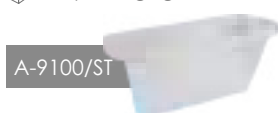
|              |           |                   |       |            |            |          |
|--------------|-----------|-------------------|-------|------------|------------|----------|
| GR-1938/15L* | 923193800 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W/3,8VA | 105/105 lm | 738 gr.  |
| GR-1938/30L* | 923193801 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 4,5W/4,9VA | 210/210 lm | 811 gr.  |
| GR-1939/15L* | 923193900 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W/3,7VA | 105/105 lm | 818 gr.  |
| GR-1939/30L* | 923193901 | 3,6V/3Ah Ni-Cd    | 3 h   | 5,3W/5,6VA | 210/210 lm | 890 gr.  |
| GR-1938/4P   | 923193802 | 4,8V/1,5Ah Ni-Cd  | 1,5 h | 4,7W/5,1VA | 175/350 lm | 865 gr.  |
| GR-1938/6P   | 923193803 | 4,8V/3Ah Ni-Cd    | 1,5 h | 6,2W/6,5VA | 245/480 lm | 950 gr.  |
| GR-1939/4P   | 923193902 | 4,8V/3Ah Ni-Cd    | 3 h   | 5,3W/5,7VA | 175/350 lm | 950 gr.  |
| GR-1939/6P   | 923193903 | 4,8V/4Ah Ni-Mh    | 3 h   | 6,2W/6,5VA | 245/480 lm | 1005 gr. |

The packaging contains 12pcs.

## LED EMERGENCY LUMINARIES, WATERPROOF, MAINTAINED / NON-MAINTAINED (MAINTAINED OR NON-MAINTAINED OPERATION WITH INTERNAL SWITCH)

|              |           |                   |       |            |           |         |
|--------------|-----------|-------------------|-------|------------|-----------|---------|
| GR-1935/15L* | 923193500 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,1W/3VA   | 40/105 lm | 783 gr. |
| GR-1935/30L* | 923193501 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 3,3W/3,5VA | 40/210 lm | 840 gr. |
| GR-1936/15L* | 923193600 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,4W/3,6VA | 40/105 lm | 839 gr. |
| GR-1936/30L* | 923193601 | 3,6V/3Ah Ni-Cd    | 3 h   | 4,5W/4,8VA | 40/210 lm | 940 gr. |

The packaging contains 12pcs.



A-9100/ST



A-1900

| ACCESSORIES | Code      | Description                                    | Gross Weight |
|-------------|-----------|------------------------------------------------|--------------|
| A-9100/ST   | 927910000 | Plastic double sided diffuser for self-testing | 513,50 gr.   |
| A-1900      | 927190000 | Magnetic test card                             | 24,50 gr.    |



# DOUBLE EASY LIGHT



S-31100/S65L



S-31100/S65R



S-31100/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED, DOUBLE SIDED

|          |           |                  |       |          |            |          |
|----------|-----------|------------------|-------|----------|------------|----------|
| GR-390/L | 923390000 | 3,6V/1,5Ah Ni-Cd | 1,5 h | 5W/7,5VA | 220/220 lm | 1162 gr. |
| GR-392/L | 923392000 | 3,6V/3Ah Ni-Cd   | 3 h   | 5W/8VA   | 220/220 lm | 1236 gr. |

The packaging contains 9pcs.

## LED EMERGENCY LUMINARIES, NON-MAINTAINED, DOUBLE SIDED

|          |           |                  |       |            |        |          |
|----------|-----------|------------------|-------|------------|--------|----------|
| GR-391/L | 923391000 | 3,6V/1,5Ah Ni-Cd | 1,5 h | 2,5W/3VA   | 270 lm | 1205 gr. |
| GR-393/L | 923393000 | 3,6V/3Ah Ni-Cd   | 3 h   | 4,8W/4,3VA | 270 lm | 1305 gr. |

The packaging contains 9pcs.





# OLYMPUS LED



SW-110x/LO



SW-110x/RO



SW-110x/DRO

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, MAINTAINED/NON-MAINTAINED

|                |           |                 |          |            |                                   |         |
|----------------|-----------|-----------------|----------|------------|-----------------------------------|---------|
| OLY-1002/WP/LL | 923100200 | 3.6V 1.5Ah NiCd | 1h/3h/8h | 4.3W/4.5VA | <b>300 / 1h/320 3h/155 8h/30</b>  | 875 gr. |
| OLY-1004/WP/HL | 923100400 | 3.6V 3Ah NiCd   | 1h/3h/8h | 5.3W/5.5VA | <b>300 / 1h/350 3h/295 8h/95</b>  | 939 gr. |
| OLY-1022/WP/LL | 923102200 | 3.6V 1.5Ah NiCd | 1h/3h/8h | 4.0W/4.2VA | <b>300 / 1h/350 3h/160 8h/30</b>  | 878 gr. |
| OLY-1024/WP/HL | 923102400 | 3.6V 3Ah NiCd   | 1h/3h/8h | 5.0W/5.2VA | <b>300 / 1h/380 3h/320 8h/100</b> | 942 gr. |



| ACCESSORIES | Code      | Description                                                    | Gross weight |
|-------------|-----------|----------------------------------------------------------------|--------------|
| A-3018      | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-1100/RL  | 922110001 | Double sided Plexiglass 6mm marking panel right-left direction | 294 gr.      |
| SP-1100/D   | 922110002 | Double sided Plexiglass 6mm marking panel down direction       | 434 gr.      |
| SP-1100/U   | 922110003 | Double sided Plexiglass 6mm marking panel up direction         | 434 gr.      |



GR-75x/ST/LP



GR-75x/ST/HP

# BAU LIGHT



GR-75x/ST/LP/xx



S-75000/L



S-75000/R



S-75000/D

GR-75x/ST/HP/xx



S-73600/L  
S-73601/L



S-73600/R  
S-73601/R



S-73600/D  
S-73601/D



S-73600/U

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

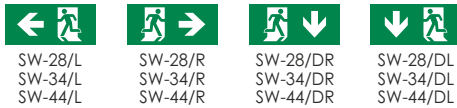
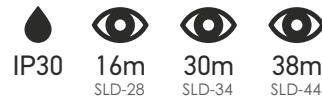
## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED/NON-MAINTAINED

|                 |           |            |         |            |            |          |
|-----------------|-----------|------------|---------|------------|------------|----------|
| GR-750/ST/HP/LL | 923750001 | 3,6V/1,5Ah | 1-3-8 h | 4,1W/4,3VA | 260/160 lm | 937 gr.  |
| GR-751/ST/LP/LL | 923751000 | 3,6V/1,5Ah | 1-3-8 h | 4,1W/4,3VA | 260/150 lm | 888 gr.  |
| GR-752/ST/HP/HL | 923752000 | 3,6V/3Ah   | 1-3-8 h | 4,5W/4,7VA | 260/300 lm | 1010 gr. |
| GR-753/ST/LP/HL | 923753000 | 3,6V/3Ah   | 1-3-8 h | 4,5W/4,7VA | 260/300 lm | 961 gr.  |

The packaging contains 12pcs.



# LOUNGE LIGHT



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED

|           |           |                  |     |       |            |          |
|-----------|-----------|------------------|-----|-------|------------|----------|
| SLD-28/SP | 922028008 | 3,6V/1,5Ah Ni-Mh | 3 h | 9VA   | 100/100 lm | 1010 gr. |
| SLD-34/SP | 922034009 | 3,6V/1,5Ah Ni-Mh | 3 h | 9,5VA | 125/125 lm | 1448 gr. |
| SLD-44/SP | 922044006 | 3,6V/1,5Ah Ni-Mh | 3 h | 9,5VA | 125/125 lm | 1900 gr. |
| SLD-28/DZ | 922028000 | 3,6V/1,5Ah Ni-Mh | 3 h | 9VA   | 100/100 lm | 1007 gr. |
| SLD-34/DZ | 922034000 | 3,6V/1,5Ah Ni-Mh | 3 h | 9,5VA | 125/125 lm | 1358 gr. |
| SLD-44/DZ | 922044000 | 3,6V/1,5Ah Ni-Mh | 3 h | 9,5VA | 125/125 lm | 1796 gr. |

| ACCESSORY | Code      | Description                        | Gross weight |
|-----------|-----------|------------------------------------|--------------|
| A-3018    | 980330180 | Suspended ceiling mounting springs | 10,9 gr.     |



# ECO LIGHT



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED

|        |           |                  |     |          |             |          |
|--------|-----------|------------------|-----|----------|-------------|----------|
| CLD-30 | 922503000 | 3,6V/1,5Ah Ni-MH | 3 h | 2,7W/3VA | 63 / 125 lm | 1350 gr. |
|--------|-----------|------------------|-----|----------|-------------|----------|

The packaging contains 5pcs.

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, MAINTAINED

|            |           |                |     |             |            |          |
|------------|-----------|----------------|-----|-------------|------------|----------|
| CLD-30/NST | 922503001 | 3,6V/1Ah Ni-Cd | 3 h | 3,5W/3,7 VA | 45 / 95 lm | 1323 gr. |
|------------|-----------|----------------|-----|-------------|------------|----------|

The packaging contains 5pcs.

| ACCESSORIES | Code      | Description                                              | Gross weight |
|-------------|-----------|----------------------------------------------------------|--------------|
| A-1130      | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131      | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132      | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133      | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr.    |
| A-1134      | 927311340 | Accessory for wall mounting (silver)                     | 111 gr.      |

Images are on page 17

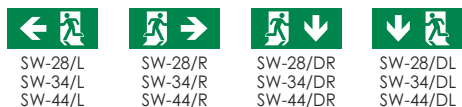


# ECO LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI & CNBOP-PIB certifications



SW-28/L  
SW-34/L  
SW-44/L

SW-28/R  
SW-34/R  
SW-44/R

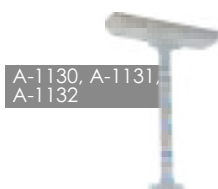
SW-28/DR  
SW-34/DR  
SW-44/DR

SW-28/DL  
SW-34/DL  
SW-44/DL

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED

|            |           |                  |     |            |            |          |
|------------|-----------|------------------|-----|------------|------------|----------|
| ZLD-28/EM* | 922502858 | 3,6V/1,5Ah Ni-Mh | 3 h | 3,8W/6,5VA | 125/125 lm | 1021 gr. |
| ZLD-34/EM* | 922503462 | 3,6V/1,5Ah Ni-Mh | 3 h | 4W/6,7VA   | 145/125 lm | 1401 gr. |
| ZLD-44/EM  | 922504456 | 3,6V/1,5Ah Ni-Mh | 3 h | 4,3W/6,9VA | 170/125 lm | 1936 gr. |



## ACCESSORIES

| (UPON DEMAND) | Code      | Description                                              | Gross weight |
|---------------|-----------|----------------------------------------------------------|--------------|
| A-1018/PL/ST  | 927101802 | Recess mounting base for self-testing luminaries         | 165 gr.      |
| A-1020/PL/ST  | 927102002 | Recess mounting base for self-testing luminaries         | 195 gr.      |
| A-1130        | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131        | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132        | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133        | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr     |
| A-1134        | 927311340 | Accessory for wall mounting (silver)                     | 111 gr.      |



MLD-34X/x  
MLD-44X/x



MLD-28X/x

# ECO LIGHT



\*They have BSI & CNBOP-PIB certifications

|                               |                               |                                  |                                  |
|-------------------------------|-------------------------------|----------------------------------|----------------------------------|
|                               |                               |                                  |                                  |
| SW-28/L<br>SW-34/L<br>SW-44/L | SW-28/R<br>SW-34/R<br>SW-44/R | SW-28/DR<br>SW-34/DR<br>SW-44/DR | SW-28/DL<br>SW-34/DL<br>SW-44/DL |

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, MAINTAINED / NON-MAINTAINED

|            |           |                |     |          |           |          |
|------------|-----------|----------------|-----|----------|-----------|----------|
| MLD-28D/w* | 922502811 | 3,6V/1Ah Ni-Cd | 3 h | 3W/7,5VA | 85/85 lm  | 705 gr.  |
| MLD-34D/w* | 922503426 | 3,6V/1Ah Ni-Cd | 3 h | 3W/8VA   | 105/85 lm | 1135 gr. |
| MLD-44D/w* | 922504417 | 3,6V/1Ah Ni-Cd | 3 h | 3W/8VA   | 105/85lm  | 1679 gr. |

The packaging contains 20pcs. of MLD-28D/w, 10pcs. of MLD-34D/w, 10pcs. of MLD-44D/w

## LED INTERNALLY ILLUMINATED SAFETY SIGNS FOR GENERAL USE, MAINTAINED

|           |           |                |     |          |          |          |
|-----------|-----------|----------------|-----|----------|----------|----------|
| MLD-28S/g | 922502800 | 3,6V/1Ah Ni-Cd | 3 h | 3W/7,5VA | 18/18 lm | 685 gr.  |
| MLD-34S/g | 922503400 | 3,6V/1Ah Ni-Cd | 3 h | 3W/8VA   | 22/18 lm | 1020 gr. |
| MLD-44S/g | 922504400 | 3,6V/1Ah Ni-Cd | 3 h | 3W/8VA   | 22/18 lm | 1531 gr. |

The packaging contains 20pcs. of MLD-28S/g, 10pcs. of MLD-34S/g, 10pcs. of MLD-44S/g



## ACCESSORIES

| (UPON DEMAND) | Code      | Description                     | Gross weight |
|---------------|-----------|---------------------------------|--------------|
| A-1018/PL     | 927101801 | Recess mounting base for MLD-28 | 159 gr.      |
| A-1020/PL     | 927102001 | Recess mounting base for MLD-34 | 180 gr.      |



# ECO LIGHT



SW-25/L

SW-25/R

SW-25/DR

SW-25/DL

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED

|               |           |                  |     |           |           |          |
|---------------|-----------|------------------|-----|-----------|-----------|----------|
| PLD-25/NiMH/M | 922502513 | 3,6V/1,5Ah Ni-MH | 3 h | 4W/4,4 VA | 90/100 lm | 1073 gr. |
|---------------|-----------|------------------|-----|-----------|-----------|----------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, MAINTAINED / NON-MAINTAINED

|            |           |                  |     |             |           |          |
|------------|-----------|------------------|-----|-------------|-----------|----------|
| PLD-25/NST | 922502503 | 3,6V/1,5Ah Ni-MH | 3 h | 4,3W/4,6 VA | 90/100 lm | 1068 gr. |
|------------|-----------|------------------|-----|-------------|-----------|----------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING MAINTAINED WITH SUPERCAPACITOR

|           |           |                |     |              |          |          |
|-----------|-----------|----------------|-----|--------------|----------|----------|
| PLD-25/SC | 922502501 | Supercapacitor | 1 h | 4,3W / 4,7VA | 73/20 lm | 1088 gr. |
|-----------|-----------|----------------|-----|--------------|----------|----------|



### Innovation!

The PLD-25/SC has one super capacitor instead of normal batteries and offers a 10 year guarantee for the good operation of the entire device. They are self-testing with advance capacitor charging and discharging circuits while simultaneously achieving low power consumption. Ambient operating temperature -40° + 65°.

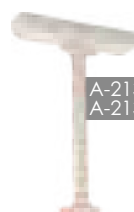
A-2510/PL



A-2510/PL/ST/M



A-2130, A-2131,  
A-2132



A-2133



## ACCESSORIES

(UPON DEMAND)

|                | Code      | Description                                             | Gross weight |
|----------------|-----------|---------------------------------------------------------|--------------|
| A-2510/PL      | 927251001 | Recess mounting base                                    | 169 gr.      |
| A-2510/PL/ST/M | 927251002 | Recess mounting base for self-testing                   | 181 gr.      |
| A-2130         | 927321300 | Set of accessories (1m) for ceiling mounting (white)    | 375 gr.      |
| A-2131         | 927321310 | Set of accessories (0,5m) for ceiling mounting (white)  | 280 gr.      |
| A-2132         | 927321320 | Set of accessories (0,25m) for ceiling mounting (white) | 139 gr.      |
| A-2133         | 927321330 | Accessory for vertical wall mounting (white)            | 108 gr.      |



# ECO LIGHT



SW-20/L

SW-20/R

SW-20/DR

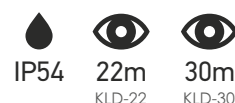
SW-20/DL

The packaging includes pictograms for all the above directions

| Type                                                                     | Code      | Battery          | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|--------------------------------------------------------------------------|-----------|------------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED</b> |           |                  |          |             |                                               |              |
| KLR-20/ST                                                                | 922502051 | 3,6V/1,5Ah Ni-Mh | 3 h      | 3,5W/4VA    | 75/75 lm                                      | 861 gr.      |

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, MAINTAINED

|        |           |                |     |            |       |         |
|--------|-----------|----------------|-----|------------|-------|---------|
| KLR-20 | 922502050 | 3,6V/1Ah Ni-Cd | 3 h | 3,2W/3,4VA | 75 lm | 816 gr. |
|--------|-----------|----------------|-----|------------|-------|---------|



SW-22/L

SW-22/R

SW-22/DR

SW-22/DL

SW-31/L

SW-31/R

SW-31/DR

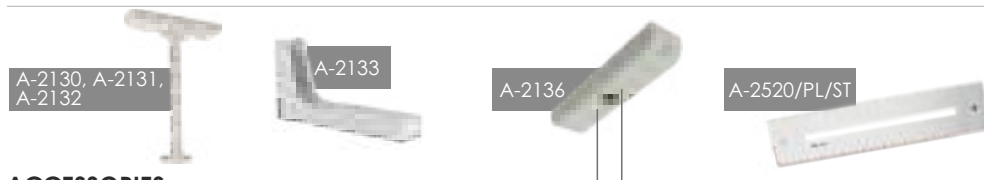
SW-31/DL

The packaging includes pictograms for all the above directions

| Type                                                                     | Code      | Battery          | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|--------------------------------------------------------------------------|-----------|------------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED</b> |           |                  |          |             |                                               |              |
| KLD-22/ST                                                                | 922502201 | 3,6V/1,5Ah Ni-Mh | 3 h      | 3,5W/4VA    | 75/75 lm                                      | 1104 gr.     |
| KLD-30/ST                                                                | 922503051 | 3,6V/1,5Ah Ni-Mh | 3 h      | 3,5W/4VA    | 75/75 lm                                      | 1347 gr.     |

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, MAINTAINED

|        |           |                |     |            |          |          |
|--------|-----------|----------------|-----|------------|----------|----------|
| KLD-22 | 922502200 | 3,6V/1Ah Ni-Cd | 3 h | 3,2W/3,4VA | 75/75 lm | 1060 gr. |
| KLD-30 | 922503050 | 3,6V/1Ah Ni-Cd | 3 h | 3,2W/3,4VA | 75/75 lm | 1311 gr. |

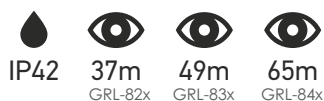


## ACCESSORIES

| (UPON DEMAND) | Code      | Description                                                             | Gross weight |
|---------------|-----------|-------------------------------------------------------------------------|--------------|
| A-2130        | 927321300 | Set of accessories (1m) for ceiling mounting (white)                    | 375 gr.      |
| A-2131        | 927321310 | Set of accessories (0,5m) for ceiling mounting (white)                  | 280 gr.      |
| A-2132        | 927321320 | Set of accessories (0,25m) for ceiling mounting (white)                 | 139 gr.      |
| A-2133        | 927321330 | Accessory for vertical wall mounting (white)                            | 108 gr.      |
| A-2136        | 927321360 | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |
| A-2520/PL/ST  | 927252000 | Suspended ceiling base for self-testing luminaire KLD-xx                | 195 gr.      |



# PROJECT LIGHT



| Type                                                                                   | Code      | Battery          | Duration | Consumption  | Source lighting output<br>(Mains / Emergency) | Gross weight |
|----------------------------------------------------------------------------------------|-----------|------------------|----------|--------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED, DOUBLE SIDED</b> |           |                  |          |              |                                               |              |
| GRL-822/EM                                                                             | 923822102 | 3,6V/1,5Ah Ni-Cd | 1,5 h    | 7,5W/10,1VA  | 510/255 lm                                    | 1628 gr.     |
| GRL-824/EM                                                                             | 923824102 | 4,8V/1,5Ah Ni-Cd | 3 h      | 7,5W/10,1VA  | 510/255 lm                                    | 1669 gr.     |
| GRL-832/EM                                                                             | 923832102 | 4,8V/1,5Ah Ni-Cd | 1,5 h    | 9,8W/12,3VA  | 680/340 lm                                    | 2327 gr.     |
| GRL-834/EM                                                                             | 923834102 | 4,8V/3Ah Ni-Cd   | 3 h      | 10,1W/12,7VA | 680/340 lm                                    | 2427 gr.     |
| GRL-842/EM                                                                             | 923842102 | 4,8V/1,5Ah Ni-Cd | 1,5 h    | 11,7W/14,2VA | 850/425 lm                                    | 2993 gr.     |
| GRL-844/EM                                                                             | 923844102 | 4,8V/3Ah Ni-Cd   | 3 h      | 12,1W/14,9VA | 850/425 lm                                    | 3065 gr.     |

GRL-XXX/EM/○ All the above models can be manufactured as single sided luminaries with an aluminum backplate



| ACCESSORIES | Code      | Description                                              | Gross weight |
|-------------|-----------|----------------------------------------------------------|--------------|
| A-1130      | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131      | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132      | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133      | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr.    |
| A-1134      | 927311340 | Accessory for wall mounting                              | 111 gr.      |



# 3D LIGHT

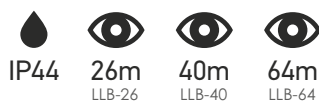


| Type                                                                     | Code      | Battery          | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|--------------------------------------------------------------------------|-----------|------------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED</b> |           |                  |          |             |                                               |              |
| GR-415/4P                                                                | 923415001 | 4,8V/1,5Ah Ni-Cd | 1,5 h    | 11VA        | 460/460lm                                     | 3370 gr.     |
| GR-416/4P                                                                | 923416001 | 4,8V/3Ah Ni-Cd   | 3 h      | 14VA        | 460/460lm                                     | 3462 gr.     |





## LED LIGHT BOX



| Type                                                                                   | Code      | Battery         | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|----------------------------------------------------------------------------------------|-----------|-----------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED, DOUBLE SIDED</b> |           |                 |          |             |                                               |              |
| LLB-26/90                                                                              | 923026001 | 4,8V/1,2Ah NiMH | 1,5 h    | 6,2W/6,4VA  | 230/300 lm                                    | 1072 gr.     |
| LLB-26/180                                                                             | 923026003 | 4,8V/1,2Ah NiMH | 3 h      | 6,2W/6,4VA  | 230/123 lm                                    | 1072 gr.     |
| LLB-40/90                                                                              | 923040001 | 4,8V/1,2Ah NiMH | 1,5 h    | 7W/7,4VA    | 370/300 lm                                    | 1774 gr.     |
| LLB-40/180                                                                             | 923040003 | 4,8V/2,4Ah NiMH | 3 h      | 7W/7,4VA    | 370/300 lm                                    | 1881 gr.     |
| LLB-64/90                                                                              | 923064001 | 4,8V/2Ah NiMH   | 1,5 h    | 9,3W/9,8VA  | 600/500 lm                                    | 2445 gr.     |
| LLB-64/180                                                                             | 923064003 | 4,8V/4Ah NiMH   | 3 h      | 9,3W/9,8VA  | 600/500 lm                                    | 3372 gr.     |

LLB-XX/O All the above models can be manufactured as one sided luminaries with aluminum backplate



| ACCESSORIES | Code      | Description                                                             | Gross weight |
|-------------|-----------|-------------------------------------------------------------------------|--------------|
| A-1130      | 927311300 | Set of accessories (1m) for ceiling mounting (silver)                   | 375 gr.      |
| A-1131      | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)                 | 280 gr.      |
| A-1132      | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver)                | 139 gr.      |
| A-1135      | 927311350 | Accessory for vertical wall mounting                                    | 204 gr.      |
| A-1136      | 927311360 | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |



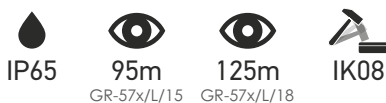
## TUNNEL LIGHT



| Type                                                                                                                        | Code      | Battery            | Duration | Consumption  | Source lighting output<br>(Mains / Emergency) |
|-----------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|----------|--------------|-----------------------------------------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, WATERPROOF, SELF-TESTING, MAINTAINED<br/>60° ANGLE INDICATION (FOR TUNNELS)</b> |           |                    |          |              |                                               |
| GR-579/L/90/WP                                                                                                              | 923579000 | 2x4,8V/1,5Ah Ni-Cd | 1,5 h    | 2x9W/2x9,5VA | 2x680/2x340 lm                                |
| GR-579/L/180/WP                                                                                                             | 923579001 | 2x4,8V/3Ah Ni-Cd   | 3 h      | 2x9W/2x9,5VA | 2x680/2x340 lm                                |



## TUNNEL LIGHT



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

### LED INTERNALLY ILLUMINATED SAFETY SIGNS, WATERPROOF, SELF-TESTING, (FOR TUNNELS) MAINTAINED, DOUBLE SIDED

|                   |           |                  |       |              |             |           |
|-------------------|-----------|------------------|-------|--------------|-------------|-----------|
| GR-577/L/15/ST/WP | 923577005 | 4,8V/1,5Ah Ni-Cd | 1,5 h | 9W/9,5VA     | 680lm/340lm | 8619 gr.  |
| GR-577/L/18/ST/WP | 923577006 | 4,8V/1,5Ah Ni-Cd | 1,5 h | 11,2W/11,7VA | 850lm/425lm | 11689 gr. |
| GR-578/L/15/ST/WP | 923578006 | 4,8V/3Ah Ni-Cd   | 3 h   | 9,5W/10VA    | 680lm/390lm | 8709 gr.  |
| GR-578/L/18/ST/WP | 923578007 | 4,8V/3Ah Ni-Cd   | 3 h   | 12W/12,5VA   | 850lm/425lm | 11779 gr. |

GR-XXX/L/XX/ST/WP/O All the above models can be manufactured as one sided luminaries with aluminum backplate

GR-57X/XW/WP/B All the above models can be manufactured with xenon red beacon on top



## POWER LIGHT



\*They have BSI certification

| Type | Code | Battery | Duration | Consumption | Light Source | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|

### LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, NON-MAINTAINED

|                |           |              |       |              |           |         |          |
|----------------|-----------|--------------|-------|--------------|-----------|---------|----------|
| GRL-37/90/WP*  | 923037004 | 12V/7Ah Pb   | 1,5 h | 13,3W/14VA   | 2x6P Leds | 3200 lm | 4602 gr. |
| GRL-37/180/WP* | 923037006 | 2x12V/7Ah Pb | 3 h   | 13,3W/14VA   | 2x6P Leds | 3200 lm | 6763 gr. |
| GRL-29/WP      | 923029010 | 12V/7Ah Pb   | 3 h   | 12,6W/13,1VA | -         | 1760 lm | 3888 gr. |

### LED EMERGENCY LUMINARIES, WATERPROOF, NON-MAINTAINED

|                 |           |              |       |            |           |         |          |
|-----------------|-----------|--------------|-------|------------|-----------|---------|----------|
| GRL-21/H/90/WP  | 923021041 | 12V/7Ah Pb   | 1,5 h | 13W/13,6VA | 2x6P Leds | 3200 lm | 3587 gr. |
| GRL-21/H/180/WP | 923021043 | 2x12V/7Ah Pb | 3 h   | 13W/13,6VA | 2x6P Leds | 3200 lm | 6065 gr. |



# POWER LIGHT



\*They have BSI certification

| Type                                                          | Code      | Battery      | Duration | Consumption    | Light Source | Source lighting output<br>(Mains / Emergency) | Gross weight |
|---------------------------------------------------------------|-----------|--------------|----------|----------------|--------------|-----------------------------------------------|--------------|
| <b>LED EMERGENCY LUMINARIES, SELF-TESTING, NON-MAINTAINED</b> |           |              |          |                |              |                                               |              |
| GRL-37/90*                                                    | 923037002 | 12V/7Ah Pb   | 1,5 h    | 13,3W/14VA     | 2x6P Leds    | 3200 lm                                       | 4383 gr.     |
| GRL-37/180*                                                   | 923037005 | 2x12V/7Ah Pb | 3 h      | 13,3W/14VA     | 2x6P Leds    | 3200 lm                                       | 6544 gr.     |
| GRL-29                                                        | 923029009 | 12V/7Ah Pb   | 3 h      | 12,6W / 13,1VA | -            | 1760 lm                                       | 3658 gr.     |
| GRL-38/90/M                                                   | 923038000 | 12V/7Ah Pb   | 1,5 h    | 13,3W/14VA     | 2X1COB Leds  | 3000 lm                                       | 4407 gr.     |

|                                                 |           |              |       |            |           |         |          |
|-------------------------------------------------|-----------|--------------|-------|------------|-----------|---------|----------|
| <b>LED EMERGENCY LUMINARIES, NON-MAINTAINED</b> |           |              |       |            |           |         |          |
| GRL-21                                          | 923021031 | 6V/4Ah Pb    | 1,5 h | 5,6W/7,5VA | 2x42 Leds | 790 lm  | 2210 gr. |
| GRL-21/H/90                                     | 923021040 | 12V/7Ah Pb   | 1,5 h | 13W/13,6VA | 2x6P Leds | 3200 lm | 4303 gr. |
| GRL-21/H/180                                    | 923021042 | 2x12V/7Ah Pb | 3 h   | 13W/13,6VA | 2x6P Leds | 3200 lm | 6781 gr. |



# POWER LIGHT



S-00800/S65L



S-00800/S65R



S-00800/S65D

| Type                                            | Code      | Battery    | Duration | Consumption | Light Source | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-------------------------------------------------|-----------|------------|----------|-------------|--------------|-----------------------------------------------|--------------|
| <b>LED EMERGENCY LUMINARIES, NON-MAINTAINED</b> |           |            |          |             |              |                                               |              |
| GRL-22                                          | 923022100 | 12V/7Ah Pb | 10 h     | 16VA        | 84 Leds      | 710 lm                                        | 3270 gr.     |



# ANTIEXPLOSIVE LED LIGHT



IP66



IK07



IK05

glass Polycarbonate



Ex db IIC T6 Gb  
Ex tb IIIC T85 Db



S-93593/S65L



S-93593/S65R



S-93593/S65D

| Type | Code | Battery | Consumption | Duration | Diffuser | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|-------------|----------|----------|-----------------------------------------------|--------------|
|------|------|---------|-------------|----------|----------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, MAINTAINED / NON-MAINTAINED / POLYCARBONATE DIFFUSER

|           |           |          |         |     |               |            |           |
|-----------|-----------|----------|---------|-----|---------------|------------|-----------|
| PTD1700XP | 923411701 | 6V/1,6Ah | < 130mA | 1 h | polycarbonate | 2100/750lm | 4.600 gr. |
|-----------|-----------|----------|---------|-----|---------------|------------|-----------|

## LED EMERGENCY LUMINARIES, MAINTAINED / NON-MAINTAINED / POLYCARBONATE DIFFUSER

|            |           |          |         |     |               |            |           |
|------------|-----------|----------|---------|-----|---------------|------------|-----------|
| PTD2700XP  | 923412703 | 6V/1,6Ah | < 190mA | 1 h | polycarbonate | 4600/750lm | 5.900 gr. |
| PTD2700XP3 | 923412707 | 6V/4Ah   | < 200mA | 3 h | polycarbonate | 4600/750lm | 6.300 gr. |

## LED EMERGENCY LUMINARIES, MAINTAINED / NON-MAINTAINED / 5mm GLASS

|           |           |          |         |     |           |            |           |
|-----------|-----------|----------|---------|-----|-----------|------------|-----------|
| GTD1700XP | 923411703 | 6V/1,6Ah | < 130mA | 1 h | 5mm glass | 2400/800lm | 5.400 gr. |
|-----------|-----------|----------|---------|-----|-----------|------------|-----------|

## LED EMERGENCY LUMINARIES, MAINTAINED / NON-MAINTAINED / 5mm GLASS

|            |           |          |         |     |           |            |           |
|------------|-----------|----------|---------|-----|-----------|------------|-----------|
| GTD2700XP  | 923412711 | 6V/1,6Ah | < 190mA | 1 h | 5mm glass | 4800/800lm | 6.600 gr. |
| GTD2700XP3 | 923412715 | 6V/4Ah   | < 200mA | 3 h | 5mm glass | 4800/800lm | 7.000 gr. |

## LED EMERGENCY LUMINARIES, NON-MAINTAINED / POLYCARBONATE DIFFUSER

|           |           |            |        |     |               |        |           |
|-----------|-----------|------------|--------|-----|---------------|--------|-----------|
| PTD1400X  | 923411401 | 3,6V/1,6Ah | < 25mA | 1 h | polycarbonate | 350 lm | 4.745 gr. |
| PTD2700X  | 923412701 | 6V/1,6Ah   | < 25mA | 1 h | polycarbonate | 750 lm | 5.800 gr. |
| PTD1400X3 | 923411403 | 3,6V/4Ah   | < 30mA | 3 h | polycarbonate | 350 lm | 4.700 gr. |
| PTD2700X3 | 923412705 | 6V/4Ah     | < 35mA | 3 h | polycarbonate | 750 lm | 6.200 gr. |

## LED EMERGENCY LUMINARIES, NON-MAINTAINED / 5mm GLASS

|           |           |            |        |     |           |        |           |
|-----------|-----------|------------|--------|-----|-----------|--------|-----------|
| GTD1400X  | 923411405 | 3,6V 1,6Ah | < 25mA | 1 h | 5mm glass | 400 lm | 5.300 gr. |
| GTD2700X  | 923412709 | 6V 1,6Ah   | < 25mA | 1 h | 5mm glass | 800 lm | 6.500 gr. |
| GTD1400X3 | 923411407 | 3,6V 4Ah   | < 30mA | 3 h | 5mm glass | 400 lm | 5.500 gr. |
| GTD2700X3 | 923412713 | 6V 4Ah     | < 35mA | 3 h | 5mm glass | 800 lm | 6.900 gr. |

NPT34



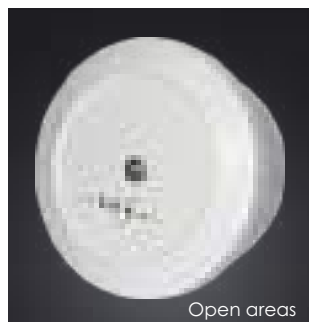
A-FSA



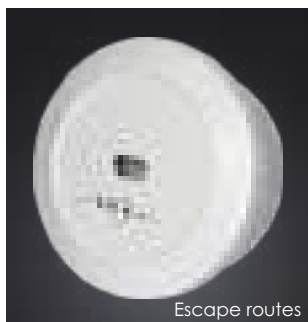
## ACCESSORIES

INCLUDED  
IN PACKAGE

|       | Code      | Description     | Gross weight |
|-------|-----------|-----------------|--------------|
| NPT34 | 751500102 | Sealing grommet | 105,5 gr.    |
| A-FSA | 808700069 | Mounting base   | 156,5 gr.    |



Open areas



Escape routes

# SPOT LIGHT



IP65



IP40



IK08



KM640081  
BS EN 60598-2-22



\*They have CNBOP-PIB certification

\*They have BSI certification

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Installation | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|

## LED EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED, IP40

|          |           |                  |       |            |        |               |         |
|----------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-291/M | 923291007 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 4,3W/4,7VA | 300 lm | Open areas    | 543 gr. |
| GR-293/M | 923293003 | 4,8V/1,2Ah Ni-Mh | 3 h   | 4,3W/4,7VA | 150 lm | Open areas    | 543 gr. |
| GR-290/M | 923290006 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 4,3W/4,7VA | 300 lm | Escape routes | 543 gr. |
| GR-292/M | 923292003 | 4,8V/1,2Ah Ni-Mh | 3 h   | 4,3W/4,7VA | 150 lm | Escape routes | 543 gr. |

The packaging contains 26pcs.

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED, IP65

|             |           |                  |       |            |        |               |         |
|-------------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-291/WP/M | 923291008 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 4,3W/4,7VA | 300 lm | Open areas    | 543 gr. |
| GR-293/WP/M | 923293004 | 4,8V/1,2Ah Ni-Mh | 3 h   | 4,3W/4,7VA | 150 lm | Open areas    | 543 gr. |
| GR-290/WP/M | 923290007 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 4,3W/4,7VA | 300 lm | Escape routes | 543 gr. |
| GR-292/WP/M | 923292004 | 4,8V/1,2Ah Ni-Mh | 3 h   | 4,3W/4,7VA | 150 lm | Escape routes | 543 gr. |

The packaging contains 26pcs.

## LED EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED, IP20

|             |           |          |     |            |        |               |         |
|-------------|-----------|----------|-----|------------|--------|---------------|---------|
| GR-292/M/HL | 923292007 | 4,8V/4Ah | 3 h | 4,9W/5,2VA | 330 lm | Escape routes | 818 gr. |
| GR-293/M/HL | 923293007 | 4,8V/4Ah | 3 h | 4,9W/5,2VA | 330 lm | Open areas    | 818 gr. |

## LED EMERGENCY LUMINARIES, CEILING MOUNTED, NON-MAINTAINED

|         |           |                  |       |            |        |               |         |
|---------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-271* | 923271000 | 3,6V/1,5Ah Ni-Mh | 1,5 h | 2,4W/2,7VA | 160 lm | Open areas    | 450 gr. |
| GR-273* | 923273000 | 3,6V/1,5Ah Ni-Mh | 3 h   | 2,4W/2,7VA | 120 lm | Open areas    | 450 gr. |
| GR-270* | 923270000 | 3,6V/1,5Ah Ni-Mh | 1,5 h | 2,4W/2,7VA | 160 lm | Escape routes | 450 gr. |
| GR-272* | 923272000 | 3,6V/1,5Ah Ni-Mh | 3 h   | 2,4W/2,7VA | 120 lm | Escape routes | 450 gr. |

The packaging contains 26pcs.

## LED EMERGENCY LUMINARIES, SELF-TESTING, WATERPROOF, CEILING MOUNTED, NON-MAINTAINED

|           |           |                  |       |            |        |               |         |
|-----------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-290/WP | 923290008 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,7W/4,1VA | 270 lm | Escape routes | 456 gr. |
| GR-291/WP | 923291009 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,7W/4,1VA | 270 lm | Open areas    | 456 gr. |
| GR-292/WP | 923292005 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Escape routes | 456 gr. |
| GR-293/WP | 923293005 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Open areas    | 456 gr. |

## LED EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED

|            |           |                  |       |            |        |               |         |
|------------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-290* ** | 923290000 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,7W/4,1VA | 270 lm | Escape routes | 456 gr. |
| GR-291* ** | 923291000 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,7W/4,1VA | 270 lm | Open areas    | 456 gr. |
| GR-292* ** | 923292000 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Escape routes | 456 gr. |
| GR-293* ** | 923293000 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Open areas    | 456 gr. |



## SPOT LIGHT



IP40



IP65



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

### LED EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED

|                |           |                  |       |            |        |         |
|----------------|-----------|------------------|-------|------------|--------|---------|
| GR-298/30L/180 | 923298000 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,3W/3,7VA | 170 lm | 535 gr. |
| GR-298/60L/90  | 923298001 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,3W/3,7VA | 350 lm | 535 gr. |

The packaging contains 26pcs.

### LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED

|                  |           |                  |       |            |        |         |
|------------------|-----------|------------------|-------|------------|--------|---------|
| GR-298/60L/90/WP | 923298003 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,3W/3,7VA | 350 lm | 535 gr. |
|------------------|-----------|------------------|-------|------------|--------|---------|

The packaging contains 26pcs.

### LED EMERGENCY LUMINARIES, CEILING MOUNTED, MAINTAINED

|                |           |                  |     |            |            |         |
|----------------|-----------|------------------|-----|------------|------------|---------|
| GR-297/60L/180 | 923297000 | 4,8V/1,2Ah Ni-Mh | 3 h | 5,9W/7,3VA | 350/110 lm | 535 gr. |
|----------------|-----------|------------------|-----|------------|------------|---------|

60 LED are lit during mains power operation whereas 11 LED are lit during emergency mode

The packaging contains 26pcs.



## SPOT LIGHT



IP20



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

### SET ELECTRONIC BALLAST GR-77 WITH GR-84 LED LUMINARY, 1WATT, NON-MAINTAINED

|           |           |                  |     |          |        |         |
|-----------|-----------|------------------|-----|----------|--------|---------|
| KIT-77/84 | 923084001 | 4,8V/1,2Ah Ni-Mh | 3 h | 2,5W/6VA | 140 lm | 262 gr. |
|-----------|-----------|------------------|-----|----------|--------|---------|

The packaging contains 16pcs.



# TETRAGONO LIGHT

IP65 IP42



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Installation | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|

## LED EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED

|        |           |                  |       |            |        |               |         |
|--------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-491 | 923491001 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,9W/4,4VA | 280 lm | Open areas    | 843 gr. |
| GR-493 | 923493001 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,9W/4,4VA | 140 lm | Open areas    | 843 gr. |
| GR-490 | 923490001 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,9W/4,4VA | 280 lm | Escape routes | 843 gr. |
| GR-492 | 923492001 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,9W/4,4VA | 140 lm | Escape routes | 843 gr. |

The packaging contains 12pcs.

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED

|           |           |                  |       |            |        |               |         |
|-----------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-491/WP | 923491000 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,9W/4,4VA | 280 lm | Open areas    | 852 gr. |
| GR-493/WP | 923493000 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,9W/4,4VA | 140 lm | Open areas    | 852 gr. |
| GR-490/WP | 923490000 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,9W/4,4VA | 280 lm | Escape routes | 852 gr. |
| GR-492/WP | 923492000 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,9W/4,4VA | 140 lm | Escape routes | 852 gr. |

The packaging contains 12pcs.

## LED EMERGENCY LUMINARIES, CEILING MOUNTED, NON-MAINTAINED

|        |           |                |       |            |        |               |         |
|--------|-----------|----------------|-------|------------|--------|---------------|---------|
| GR-471 | 923471001 | 3,6V/1Ah Ni-Cd | 1,5 h | 2,6W/2,9VA | 145 lm | Open areas    | 727 gr. |
| GR-473 | 923473001 | 3,6V/1Ah Ni-Cd | 3 h   | 2,6W/2,9VA | 80 lm  | Open areas    | 727 gr. |
| GR-470 | 923470001 | 3,6V/1Ah Ni-Cd | 1,5 h | 2,6W/2,9VA | 145 lm | Escape routes | 727 gr. |
| GR-472 | 923472001 | 3,6V/1Ah Ni-Cd | 3 h   | 2,6W/2,9VA | 80 lm  | Escape routes | 727 gr. |

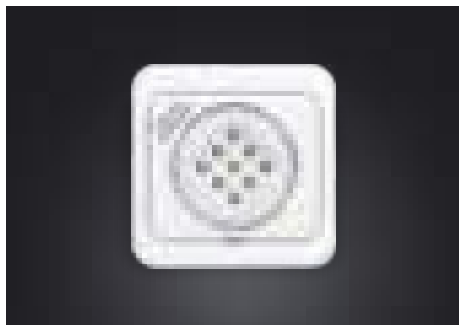
The packaging contains 12pcs.

## LED EMERGENCY LUMINARIES, WATERPROOF, CEILING MOUNTED, NON-MAINTAINED

|           |           |                |       |            |        |               |         |
|-----------|-----------|----------------|-------|------------|--------|---------------|---------|
| GR-471/WP | 923471000 | 3,6V/1Ah Ni-Cd | 1,5 h | 2,6W/2,9VA | 145 lm | Open areas    | 745 gr. |
| GR-473/WP | 923473000 | 3,6V/1Ah Ni-Cd | 3 h   | 2,6W/2,9VA | 80 lm  | Open areas    | 745 gr. |
| GR-470/WP | 923470000 | 3,6V/1Ah Ni-Cd | 1,5 h | 2,6W/2,9VA | 145 lm | Escape routes | 745 gr. |
| GR-472/WP | 923472000 | 3,6V/1Ah Ni-Cd | 3 h   | 2,6W/2,9VA | 80 lm  | Escape routes | 745 gr. |

The packaging contains 12pcs.





# WEATHER SPOT LIGHT



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED LUMINARY, RECHARGABLE, NON-MAINTAINED

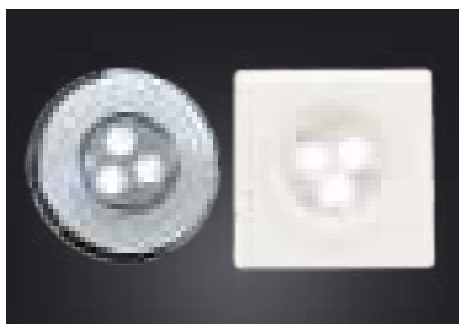
|       |           |                   |     |     |             |        |
|-------|-----------|-------------------|-----|-----|-------------|--------|
| GR-83 | 923083001 | 3,6V/120mAh Ni-Mh | 3 h | 2VA | 4 white LED | 99 gr. |
|-------|-----------|-------------------|-----|-----|-------------|--------|

The packaging contains 100pcs.

## LED LUMINARIES, WATERPROOF, WALL MOUNTED

|              |           |  |  |     |       |           |
|--------------|-----------|--|--|-----|-------|-----------|
| GR-80/W      | 923080001 |  |  | 6VA | 9 LED | 100,5 gr. |
| GR-80/W/SL** | 923080002 |  |  | 6VA | 9 LED | 103,5 gr. |
| GR-80/WW     | 923080013 |  |  | 6VA | 9 LED | 103,5 gr. |

\*\* GR-80/W/SL - Silver case



# WEATHER SPOT LIGHT



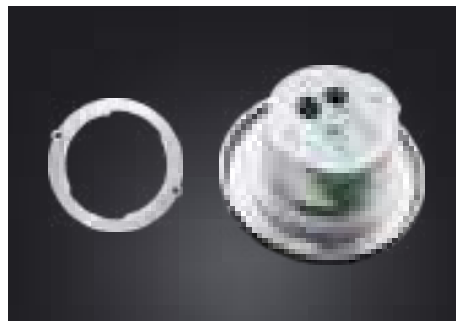
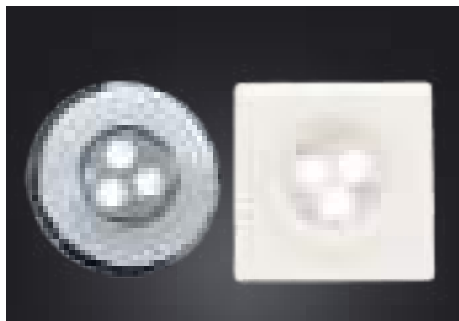
| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED LUMINARIES, RECHARGABLE, MAINTAINED

|                |           |                   |     |     |              |          |
|----------------|-----------|-------------------|-----|-----|--------------|----------|
| GR-82/230V     | 923082001 | 3,6V/120mAh Ni-Mh | 3 h | 4VA | 1 lm / 22 lm | 99,5 gr. |
| GR-82/230V/SQ* | 923082006 | 3,6V/120mAh Ni-Mh | 3 h | 4VA | 1 lm / 22 lm | 115 gr.  |

\*Initials SQ stand for square case

The packaging contains 100pcs.



## LED LUMINARIES, WATERPROOF, RECHARGABLE, MAINTAINED

|                   |           |                   |     |     |              |         |
|-------------------|-----------|-------------------|-----|-----|--------------|---------|
| GR-82/WP/230V     | 923082002 | 3,6V/120mAh Ni-Mh | 3 h | 4VA | 1 lm / 22 lm | 115 gr. |
| GR-82/WP/230V/SQ* | 923082009 | 3,6V/120mAh Ni-Mh | 3 h | 4VA | 1 lm / 22 lm | 125 gr. |

\*Initials SQ stand for square case



# HOME LIGHT



| Type                                                                      | Code      | Battery        | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|---------------------------------------------------------------------------|-----------|----------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED LUMINARY, PORTABLE, RECHARGABLE, MAINTAINED (BACK UP LIGHTING)</b> |           |                |          |             |                                               |              |
| GR-60                                                                     | 923060000 | 3,6V/1Ah Ni-Cd | 4 - 14 h | 3VA         | 40lm/23-95lm                                  | 539 gr.      |

The packaging contains 20pcs.



# HOME LIGHT



| Type                                         | Code      | Battery           | Duration | Consumption | Gross weight |
|----------------------------------------------|-----------|-------------------|----------|-------------|--------------|
| <b>LED LUMINARY, RECHARGABLE, MAINTAINED</b> |           |                   |          |             |              |
| GR-11                                        | 923011000 | 3,6V/120mAh Ni-MH | 3 h      | 3VA         | 85 gr.       |

The packaging contains 10pcs.



# CONVERTERS FOR FLUORESCENT LUMINARIES

IP20



| Type | Code | Battery | Duration | Consumption | Gross weight |
|------|------|---------|----------|-------------|--------------|
|------|------|---------|----------|-------------|--------------|

## PROGRAMMABLE COMMON TO EMERGENCY LUMINARY CONVERTER FOR FLUORESCENT LAMPS T5/T8 6-80W 220-240V AC / 50-60Hz (without battery)

|         |           |                          |         |      |         |
|---------|-----------|--------------------------|---------|------|---------|
| GR-1004 | 960100400 | 4,8 - 8,4 V / 1,5 - 4 Ah | 1 - 3 h | 13VA | 129 gr. |
|---------|-----------|--------------------------|---------|------|---------|

## NON PROGRAMMABLE CONVERTERS FOR FLUORESCENT LAMPS T5/T8 6-80W 220-240V AC / 50-60Hz

|              |           |            |       |      |         |
|--------------|-----------|------------|-------|------|---------|
| GR-1004-A/61 | 960100461 | 4,8V/1,5Ah | 1,5 h | 13VA | 418 gr. |
| GR-1004-B/62 | 960100462 | 4,8V/3Ah   | 3 h   | 13VA | 510 gr. |
| GR-1004-C/71 | 960100471 | 8,4V/1,5Ah | 1,5 h | 13VA | 520 gr. |
| GR-1004-D/72 | 960100472 | 8,4V/3Ah   | 3 h   | 13VA | 695 gr. |
| GR-1004-E/81 | 960100481 | 6V/1,5Ah   | 1,5 h | 13VA | 235 gr. |
| GR-1004-F/82 | 960100482 | 6V/3Ah     | 3 h   | 13VA | 360 gr. |

| Type          | GR-4/UN/A-966 | GR-4/UN/65 | GR-4/UN/66 | GR-4/UN/67 | GR-6/UN/61 | GR-6/UN/62 | GR-6/UN/64 |
|---------------|---------------|------------|------------|------------|------------|------------|------------|
| 18W (T8)      | -----         | 90 min.    | 180 min.   | 240 min.   | 80 min.    | 160 min.   | 220 min.   |
| 36W (T8)      | -----         | 70 min.    | 140 min.   | 180 min.   | 60 min.    | 120 min.   | 160 min.   |
| 58W (T8)      | -----         | 60 min.    | 120 min.   | 160 min.   | 50 min.    | 100 min.   | 140 min.   |
| 18W (COMPACT) | -----         | 90 min.    | 180 min.   | 240 min.   | 80 min.    | 160 min.   | 220 min.   |
| 38W (2D/4PIN) | -----         | 70 min.    | 140 min.   | 180 min.   | 60 min.    | 130 min.   | 170 min.   |
| 36W (COMPACT) | -----         | 70 min.    | 140 min.   | 180 min.   | 70 min.    | 130 min.   | 180 min.   |
| 7-9W CFL      | 60 min.       | -----      | -----      | -----      | -----      | -----      | -----      |

| Type         | Battery      | 6W (T5) | 8W (T5) | 11W (CFL) | 13W (CFL) | 14W (T5) | 18W (CFL) | 21W (T5) | 24W (T5) | 24W (CFL) | 28W (T5) | 32W (CFL) | 32W (CFL) | 35W (T5) | 36W (T8) | 36W (CFL) | 49W (T5) | 54W (T5) | 55W (CFL) | 58W (T8) | 80W (T5) | Duration |
|--------------|--------------|---------|---------|-----------|-----------|----------|-----------|----------|----------|-----------|----------|-----------|-----------|----------|----------|-----------|----------|----------|-----------|----------|----------|----------|
| GR-1004-A/61 | 4,8V - 1,5Ah | ●       | ●       | ●         | ●         | ●        | ●         | ●        | ●        | ●         |          |           |           |          |          |           |          |          |           |          |          | 90'      |
| GR-1004-B/62 | 4,8V - 3Ah   | ●       | ●       | ●         | ●         | ●        | ●         | ●        | ●        | ●         |          |           |           |          |          |           |          |          |           |          |          | 3 h      |
| GR-1004-C/71 | 8,4V - 1,5Ah | ●       | ●       | ●         | ●         | ●        | ●         | ●        | ●        | ●         | ●        | ●         | ●         | ●        | ●        | ●         | ●        | ●        | ●         | ●        | ●        | 90'      |
| GR-1004-D/72 | 8,4V - 3Ah   | ●       | ●       | ●         | ●         | ●        | ●         | ●        | ●        | ●         | ●        | ●         | ●         | ●        | ●        | ●         | ●        | ●        | ●         | ●        | ●        | 3 h      |
| GR-1004-E/81 | 6V - 1,5Ah   | ●       | ●       | ●         | ●         | ●        | ●         | ●        | ●        | ●         | ●        | ●         | ●         | ●        | ●        | ●         |          |          |           |          |          | 90'      |
| GR-1004-F/82 | 6V - 3Ah     | ●       | ●       | ●         | ●         | ●        | ●         | ●        | ●        | ●         | ●        | ●         | ●         | ●        | ●        | ●         | ●        |          |           |          |          | 3 h      |



# CONVERTERS FOR LED LUMINARIES

IP20



\*They have BSI certification

| Type | Code | Battery | Duration | Consumption | Gross weight |
|------|------|---------|----------|-------------|--------------|
|------|------|---------|----------|-------------|--------------|

## PROGRAMMABLE COMMON LED LUMINAIRY TO EMERGENCY LED LUMINARY CONVERTER 4,8V 1,5Ah/3Ah (LED volt output 12-58V DC / batteries are not included)

|              |           |                  |            |           |         |
|--------------|-----------|------------------|------------|-----------|---------|
| GR-1107/60V* | 960110700 | 4,8V / 1,5 / 3Ah | 1,5 or 3 h | 4,75W/5VA | 135 gr. |
|--------------|-----------|------------------|------------|-----------|---------|

## PROGRAMMABLE COMMON TO EMERGENCY LED LUMINARY CONVERTER 220-240V AC/ 50-60Hz (LED volt output 12-58V DC with capability to connect 4,8V/1,5 Ah or 3Ah battery)

|                       |           |              |     |           |           |
|-----------------------|-----------|--------------|-----|-----------|-----------|
| GR-1107/60V/B-973/HT* | 960110701 | 4,8V / 1,5Ah | 1,5 | 4,75W/5VA | 391,5 gr. |
| GR-1107/60V/B-941/HT* | 960110702 | 4,8V / 3Ah   | 3 h | 4,75W/5VA | 477 gr.   |

## PROGRAMMABLE COMMON LED LUMINAIRY TO EMERGENCY LED LUMINARY CONVERTER 4,8V 1,5Ah/3Ah (LED volt output 50-100V DC / batteries are not included)

|              |           |                    |            |           |         |
|--------------|-----------|--------------------|------------|-----------|---------|
| GR-1107/100V | 960110705 | 4,8V / 1,5Ah / 3Ah | 1,5 or 3 h | 4,75W/5VA | 135 gr. |
|--------------|-----------|--------------------|------------|-----------|---------|

## PROGRAMMABLE COMMON LED LUMINAIRY TO EMERGENCY LED LUMINARY CONVERTER 4,8V 1,5Ah/3Ah (LED volt output 50-100V DC)

|                       |           |              |     |           |         |
|-----------------------|-----------|--------------|-----|-----------|---------|
| GR-1107/100V/B-973/HT | 960110706 | 4,8V / 1,5Ah | 1,5 | 4,75W/5VA | 391 gr. |
| GR-1107/100V/B-941/HT | 960110707 | 4,8V / 3Ah   | 3 h | 4,75W/5VA | 477 gr. |

## PROGRAMMABLE COMMON LED LUMINAIRY TO EMERGENCY LED LUMINARY CONVERTER 4,8V 1,5Ah/3Ah

|                          |           |              |            |           |         |
|--------------------------|-----------|--------------|------------|-----------|---------|
| GR-1107/100V/B-973/HT/3H | 960110710 | 4,8V / 1,5Ah | default 3h | 4,75W/5VA | 392 gr. |
|--------------------------|-----------|--------------|------------|-----------|---------|



# ADDRESSABLE LIGHT



IP30



KM640086  
BS EN 62034

\*It has BSI certification

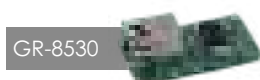
| Type | Code | Battery | Duration | Consumption | Gross weight |
|------|------|---------|----------|-------------|--------------|
|------|------|---------|----------|-------------|--------------|

## ADDRESSABLE LUMINARIES CONTROL PANEL 220-240V AC/ 50-60Hz

|          |           |         |     |          |            |
|----------|-----------|---------|-----|----------|------------|
| GR-6500* | 923650001 | 12V/7Ah | >3h | 25W/35VA | 1605,5 gr. |
|----------|-----------|---------|-----|----------|------------|



GR-6079



GR-8530

### ACCESSORIES

| UPON DEMAND | Code      | Description                                                                    | Gross weight |
|-------------|-----------|--------------------------------------------------------------------------------|--------------|
| GR-6079     | 923607900 | Addressable module for LED GR-1107xx and fluorescent lamp converters GR-1004xx | 31 gr.       |
| GR-8530     | 923853000 | Network Ethernet adaptor                                                       | 154 gr.      |



# ADDRESSABLE EASY LIGHT



IP40 26m



KM640081  
BS EN 60598-2-22

\*They have CNBOP-PIB certification

\*They have BSI certification



S-31101/S65L



S-31101/S65R



S-31101/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED ADDRESSABLE, EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED

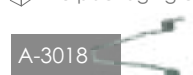
|                   |           |                   |       |            |            |         |
|-------------------|-----------|-------------------|-------|------------|------------|---------|
| GR-315/15L/ADR/A* | 923315022 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W/3,8VA | 105/105 lm | 822 gr. |
| GR-316/15L/ADR/A* | 923316018 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W/3,7VA | 105/105 lm | 899 gr. |
| GR-315/30L/ADR/A* | 923315023 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 4,5W/4,9VA | 210/210 lm | 899 gr. |
| GR-316/30L/ADR/A* | 923316019 | 3,6V/3Ah Ni-Cd    | 3 h   | 5,3W/5,6VA | 210/210 lm | 970 gr. |

The packaging contains 15pcs.

## LED ADDRESSABLE, EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED

|                 |           |                  |       |            |             |   |
|-----------------|-----------|------------------|-------|------------|-------------|---|
| GR-315/4P/ADR/A | 923315028 | 4,8V/1,5Ah Ni-Cd | 1,5 h | 4,7W/5,1VA | 175lm/350lm | - |
| GR-316/4P/ADR/A | 923316024 | 4,8V/3Ah Ni-Cd   | 3 h   | 5,3W/5,7VA | 175lm/350lm | - |
| GR-315/6P/ADR/A | 923315029 | 4,8V/3Ah Ni-Cd   | 1,5 h | 6,2W/6,5VA | 245lm/480lm | - |
| GR-316/6P/ADR/A | 923316025 | 4,8V/4Ah Ni-Mh   | 3 h   | 6,2W/6,5VA | 245lm/480lm | - |

The packaging contains 15pcs.



A-3018



SP-116



SP-116/P/x

| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# ADDRESSABLE EASY LIGHT

IP40 26m



KM640081  
BS EN 60598-2-22

\*They have BSI & CNBOP certifications



S-13100/S65L



S-13100/S65R



S-13100/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED

|                  |           |                   |       |            |            |         |
|------------------|-----------|-------------------|-------|------------|------------|---------|
| GR-1315/15L/ADR* | 923131504 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W/3,8VA | 105/105 lm | 800 gr. |
| GR-1316/15L/ADR* | 923131604 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W/3,7VA | 105/105 lm | 880 gr. |
| GR-1315/30L/ADR* | 923131505 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 4,5W/4,9VA | 210/210 lm | 880 gr. |
| GR-1316/30L/ADR* | 923131605 | 3,6V/3Ah Ni-Cd    | 3 h   | 5,3W/5,6VA | 210/210 lm | 950 gr. |

The packaging contains 15pcs.



A-3018



SP-116



SP-116/P/x

## ACCESSORIES

| Code         | Description                                                    | Gross weight |
|--------------|----------------------------------------------------------------|--------------|
| A-3018       | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



GR-2100/OPAL  
GR-2110/OPAL



GR-2100  
GR-2110

# ADDRESSABLE SLIM LEDS LIGHT

IP30 22m



S-21000/S65L



S-21000/S65R



S-21000/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES, SELF-TESTING, MAINTAINED

|                       |           |              |       |              |               |         |
|-----------------------|-----------|--------------|-------|--------------|---------------|---------|
| GR-2100/ST/M/ADR      | 923210007 | 3,6V / 0,6Ah | 1,5 h | 3,3W / 3,6VA | 100lm / 100lm | 553 gr. |
| GR-2100/ST/OPAL/M/ADR | 923210008 | 3,6V / 0,6Ah | 1,5 h | 3,3W / 3,6VA | 100lm / 100lm | 553 gr. |
| GR-2110/ST/M/ADR      | 923211008 | 3,6V / 1,5Ah | 3 h   | 3,3W / 3,6VA | 100lm / 100lm | 634 gr. |
| GR-2110/ST/OPAL/M/ADR | 923211009 | 3,6V / 1,5Ah | 3 h   | 3,3W / 3,6VA | 100lm / 100lm | 634 gr. |

The packaging contains 20pcs.

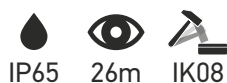
## ACCESSORIES- WOODEN BASE

| Code       | Color          | Gross weight |
|------------|----------------|--------------|
| WB-2100/CH | Cherry         | 284 gr.      |
| WB-2100/NC | Natural cherry | 296,5 gr.    |
| WB-2100/WN | Walnut         | 217 gr.      |





# ADDRESSABLE WEATHER LIGHT



\*They have BSI certification



S-93593/S65L



S-93593/S65R



S-93593/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, WATERPROOF, ADDRESSABLE, SELF-TESTING, MAINTAINED

|                 |           |                   |       |            |            |          |
|-----------------|-----------|-------------------|-------|------------|------------|----------|
| GR-938/15L/ADR* | 923938014 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W/3,8VA | 105/105 lm | 1000 gr. |
| GR-938/30L/ADR* | 923938015 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 4,5W/4,9VA | 210/210 lm | 1070 gr. |
| GR-939/15L/ADR* | 923939014 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W/3,7VA | 105/105 lm | 1068 gr. |
| GR-939/30L/ADR* | 923939015 | 3,6V/3Ah Ni-Cd    | 3 h   | 5,3W/5,6VA | 210/210 lm | 1141 gr. |
| GR-938/4P/ADR   | 923938012 | 4,8V/1,5Ah Ni-Cd  | 1,5 h | 4W/7,5VA   | 175/350 lm | 1095 gr. |
| GR-938/6P/ADR   | 923938013 | 4,8V/3Ah Ni-Cd    | 1,5 h | 5,9W/8,4VA | 245/480 lm | 1185 gr. |
| GR-939/4P/ADR   | 923939012 | 4,8V/3Ah Ni-Cd    | 3 h   | 5W/7,7VA   | 175/350 lm | 1185 gr. |
| GR-939/6P/ADR   | 923939013 | 4,8V/4Ah Ni-Mh    | 3 h   | 6W/8,5VA   | 245/480 lm | 1235 gr. |

The packaging contains 12pcs.

| ACCESSORIES | Code      | Description                    | Gross weight |
|-------------|-----------|--------------------------------|--------------|
| A-1017      | 927101700 | Double sided diffuser          | 538 gr.      |
| A-9000      | 927900001 | Ceiling bracket for GR-9xx/xxL | 879 gr.      |



# ADDRESSABLE WEATHER LIGHT



\*They have BSI & CNBOP certifications



S-1938/S65L



S-1938/S65R



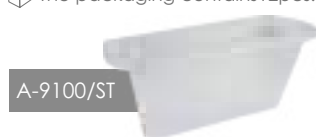
S-1938/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, MAINTAINED

|                  |           |                   |       |            |            |         |
|------------------|-----------|-------------------|-------|------------|------------|---------|
| GR-1938/15L/ADR* | 923193804 | 3,6V/600mAh Ni-Cd | 1,5 h | 3,4W/3,8VA | 105/105 lm | 738 gr. |
| GR-1938/30L/ADR* | 923193805 | 3,6V/1,5Ah Ni-Cd  | 1,5 h | 4,5W/4,9VA | 210/210 lm | 811 gr. |
| GR-1939/15L/ADR* | 923193904 | 3,6V/1,5Ah Ni-Cd  | 3 h   | 3,3W/3,7VA | 105/105 lm | 818 gr. |
| GR-1939/30L/ADR* | 923193905 | 3,6V/3Ah Ni-Cd    | 3 h   | 5,3W/5,6VA | 210/210 lm | 890 gr. |

The packaging contains 12pcs.



A-9100/ST



A-1900

| ACCESSORIES | Code      | Description                                    | Gross weight |
|-------------|-----------|------------------------------------------------|--------------|
| A-9100/ST   | 927910000 | Plastic double sided diffuser for self-testing | 513,50 gr.   |
| A-1900      | 927190000 | Magnetic test card                             | 24,50 gr.    |





## ADDRESSABLE OLYMPUS LED



SW-100x/L



SW-100x/R



SW-100x/DR

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

### LED EMERGENCY LUMINARIES, WATERPROOF, ADDRESSABLE, SELF-TESTING, MAINTAINED/NON-MAINTAINED

|                    |           |                 |          |             |                                   |         |
|--------------------|-----------|-----------------|----------|-------------|-----------------------------------|---------|
| OLY-1002/WP/LL/ADR | 923100201 | 3.6V 1.5Ah NiCd | 1h/3h/8h | 4.3W/4.5VA  | <b>300 / 1h/320 3h/155 8h/30</b>  | 906 gr. |
| OLY-1004/WP/ADR/HL | 923100401 | 3.6V 3Ah NiCd   | 1h/3h/8h | 5.3W/5.5VA  | <b>300 / 1h/350 3h/295 8h/95</b>  | 970 gr. |
| OLY-1022/WP/ADR/LL | 923102201 | 3.6V 1.5Ah NiCd | 1h/3h/8h | 4.0W/4.2VA  | <b>300 / 1h/350 3h/160 8h/30</b>  | 909 gr. |
| OLY-1024/WP/ADR/HL | 923102401 | 3.6V 3Ah NiCd   | 1h/3h/8h | 5.0W/5.2 VA | <b>300 / 1h/380 3h/320 8h/100</b> | 973 gr. |

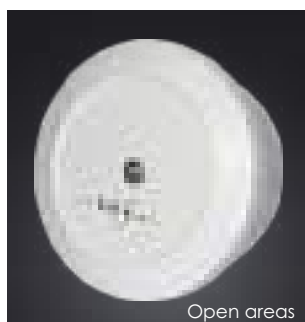


A-3018

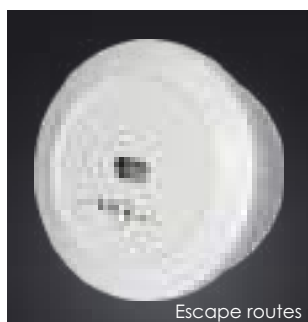


SP-1100

| ACCESSORIES | Code      | Description                                                    | Gross weight |
|-------------|-----------|----------------------------------------------------------------|--------------|
| A-3018      | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-1100/RL  | 922110001 | Double sided Plexiglass 6mm marking panel right-left direction | 294 gr.      |
| SP-1100/D   | 922110002 | Double sided Plexiglass 6mm marking panel down direction       | 434 gr.      |
| SP-1100/U   | 922110003 | Double sided Plexiglass 6mm marking panel up direction         | 434 gr.      |



Open areas



Escape routes

## ADDRESSABLE SPOT LIGHT



KM640081  
BS EN 60598-2-22



\*They have BSI & CNBOP certifications

| Type | Code | Battery | Duration | Consumption | Light output | Installation | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|--------------|

### LED ADDRESSABLE EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED IP 40

|             |           |                  |       |            |        |               |         |
|-------------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-291/ADR* | 923291003 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,7W/4,1VA | 270 lm | Open areas    | 542 gr. |
| GR-293/ADR* | 923293001 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Open areas    | 542 gr. |
| GR-290/ADR* | 923290003 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,7W/4,1VA | 270 lm | Escape routes | 542 gr. |
| GR-292/ADR* | 923292001 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Escape routes | 542 gr. |

The packaging contains 26pcs.

### LED ADDRESSABLE EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED IP65

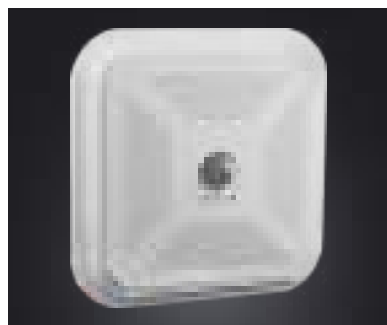
|               |           |                  |       |            |        |               |         |
|---------------|-----------|------------------|-------|------------|--------|---------------|---------|
| GR-291/ADR/WP | 923291010 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 3,7W/4,1VA | 270 lm | Open areas    | 542 gr. |
| GR-293/ADR/WP | 923293006 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Open areas    | 542 gr. |
| GR-290/ADR/WP | 923290009 | 4,8V/1,2Ah Ni-Mh | 1,5h  | 3,7W/4,1VA | 270 lm | Escape routes | 542 gr. |
| GR-292/ADR/WP | 923292006 | 4,8V/1,2Ah Ni-Mh | 3 h   | 3,7W/4,1VA | 160 lm | Escape routes | 542 gr. |

The packaging contains 26pcs.

### LED ADDRESSABLE EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED IP20

|                 |           |           |     |              |       |                    |         |
|-----------------|-----------|-----------|-----|--------------|-------|--------------------|---------|
| GR-292/M/HL/ADR | 923292008 | 4,8V /4Ah | 3 h | 4,9W / 5,2VA | 330lm | Διάδρομοι διαφυγής | 923 gr. |
| GR-293/M/HL/ADR | 923293008 | 4,8V /4Ah | 3 h | 4,9W / 5,2VA | 330lm | Ανοιχτές περιοχές  | 923 gr. |

The packaging contains 26pcs.



# ADDRESSABLE TETRAGONO LIGHT

IP65 IP42



| Type                                                                                                       | Code      | Battery      | Duration | Consumption  | Source lighting output<br>(Mains / Emergency) | Installation  | Gross weight |
|------------------------------------------------------------------------------------------------------------|-----------|--------------|----------|--------------|-----------------------------------------------|---------------|--------------|
| <b>LED EMERGENCY LUMINARIES, WATERPROOF, ADDRESSABLE SELF-TESTING CEILING MOUNTED, NON-MAINTAINED IP65</b> |           |              |          |              |                                               |               |              |
| GR-490/WP/ADR                                                                                              | 923490002 | 4,8V / 1,2Ah | 1,5 h    | 3,9W / 4,4VA | 280lm                                         | Escape routes | 854 gr.      |
| GR-491/WP/ADR                                                                                              | 923491002 | 4,8V / 1,2Ah | 1,5 h    | 3,9W / 4,4VA | 280lm                                         | Open spaces   | 854 gr.      |
| GR-492/WP/ADR                                                                                              | 923492002 | 4,8V / 1,2Ah | 3 h      | 3,9W / 4,4VA | 140lm                                         | Escape routes | 854 gr.      |
| GR-493/WP/ADR                                                                                              | 923493002 | 4,8V / 1,2Ah | 3 h      | 3,9W / 4,4VA | 140lm                                         | Open spaces   | 854 gr.      |

The packaging contains 12pcs.

|                                                                                                            |           |              |       |              |       |               |         |
|------------------------------------------------------------------------------------------------------------|-----------|--------------|-------|--------------|-------|---------------|---------|
| <b>LED EMERGENCY LUMINARIES, WATERPROOF, ADDRESSABLE SELF-TESTING CEILING MOUNTED, NON-MAINTAINED IP42</b> |           |              |       |              |       |               |         |
| GR-490/ADR                                                                                                 | 923490003 | 4,8V / 1,2Ah | 1,5 h | 3,9W / 4,4VA | 280lm | Escape routes | 854 gr. |
| GR-491/ADR                                                                                                 | 923491003 | 4,8V / 1,2Ah | 1,5 h | 3,9W / 4,4VA | 280lm | Open spaces   | 854 gr. |
| GR-492/ADR                                                                                                 | 923492003 | 4,8V / 1,2Ah | 3 h   | 3,9W / 4,4VA | 140lm | Escape routes | 854 gr. |
| GR-493/ADR                                                                                                 | 923493003 | 4,8V / 1,2Ah | 3 h   | 3,9W / 4,4VA | 140lm | Open spaces   | 854 gr. |

The packaging contains 12pcs.



# ADDRESSABLE ECO LIGHT

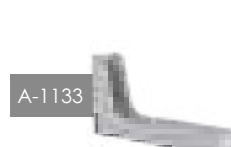
IP40 16m 30m 38m IK07  
ZLD-28 ZLD-34 ZLD-44



\*They have BSI & CNBOP certifications

|                            |                            |                               |                               |
|----------------------------|----------------------------|-------------------------------|-------------------------------|
| SW28/L<br>SW34/L<br>SW44/L | SW28/R<br>SW34/R<br>SW44/R | SW28/DR<br>SW34/DR<br>SW44/DR | SW28/DL<br>SW34/DL<br>SW44/DL |
|----------------------------|----------------------------|-------------------------------|-------------------------------|

| Type                                                                                 | Code      | Battery          | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|--------------------------------------------------------------------------------------|-----------|------------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED</b> |           |                  |          |             |                                               |              |
| ZLD-28/EM/ADR*                                                                       | 922502862 | 3,6V/1,5Ah Ni-Mh | 3 h      | 3,8W/6,5VA  | 125/125 lm                                    | 1031,50 gr.  |
| ZLD-34/EM/ADR*                                                                       | 922503467 | 3,6V/1,5Ah Ni-Mh | 3 h      | 4W/6,7VA    | 145/125 lm                                    | 1425 gr.     |
| ZLD-44/EM/ADR                                                                        | 922504458 | 3,6V/1,5Ah Ni-Mh | 3 h      | 4,3W/6,9VA  | 170/125 lm                                    | 1978 gr.     |



## ACCESSORIES

| (UPON DEMAND) | Code      | Description                                              | Gross weight |
|---------------|-----------|----------------------------------------------------------|--------------|
| A-1018/PL/ST  | 927101802 | Recess mounting base for self-testing luminaries         | 165 gr.      |
| A-1020/PL/ST  | 927102002 | Recess mounting base for self-testing luminaries         | 195 gr.      |
| A-1130        | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131        | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132        | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133        | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr.    |
| A-1134        | 927311340 | Accessory for wall mounting (silver)                     | 111 gr.      |



# ADDRESSABLE LOUNGE LIGHT

IP30  
 16m  
 30m  
 38m  
 SLD-28  
 SLD-34  
 SLD-44



|                               |                               |                                  |                                  |
|-------------------------------|-------------------------------|----------------------------------|----------------------------------|
|                               |                               |                                  |                                  |
| SW-28/L<br>SW-34/L<br>SW-44/L | SW-28/R<br>SW-34/R<br>SW-44/R | SW-28/DR<br>SW-34/DR<br>SW-44/DR | SW-28/DL<br>SW-34/DL<br>SW-44/DL |

| Type                                                                                 | Code      | Battery          | Duration | Consumption  | Source lighting output<br>(Mains / Emergency) | Gross weight |
|--------------------------------------------------------------------------------------|-----------|------------------|----------|--------------|-----------------------------------------------|--------------|
| <b>LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED</b> |           |                  |          |              |                                               |              |
| SLD-28/DZ/M/ADR                                                                      | 922028026 | 3,6V/1,5Ah Ni-Mh | 3 h      | 2,7W / 3,9VA | 100/100 lm                                    | 943 gr.      |
| SLD-34/DZ/M/ADR                                                                      | 922034025 | 3,6V/1,5Ah Ni-Mh | 3 h      | 3W / 4,2VA   | 125/125 lm                                    | 1298 gr.     |
| SLD-44/DZ/M/ADR                                                                      | 922044017 | 3,6V/1,5Ah Ni-Mh | 3 h      | 3W / 4,2VA   | 125/125 lm                                    | 1751 gr.     |
| SLD-28/SP/M/ADR                                                                      | 922028027 | 3,6V/1,5Ah Ni-Mh | 3 h      | 2,7W / 3,9VA | 100/100 lm                                    | 1053 gr.     |
| SLD-34/SP/M/ADR                                                                      | 922034026 | 3,6V/1,5Ah Ni-Mh | 3 h      | 3W / 4,2VA   | 125/125 lm                                    | 1388 gr.     |
| SLD-44/SP/M/ADR                                                                      | 922044018 | 3,6V/1,5Ah Ni-Mh | 3h       | 3W / 4,2VA   | 125/125 lm                                    | 1970 gr.     |

| ACCESSORY | Code      | Description                        | Gross weight |
|-----------|-----------|------------------------------------|--------------|
| A-3018    | 980330180 | Suspended ceiling mounting springs | 10,9 gr.     |





# ADDRESSABLE ECO LIGHT



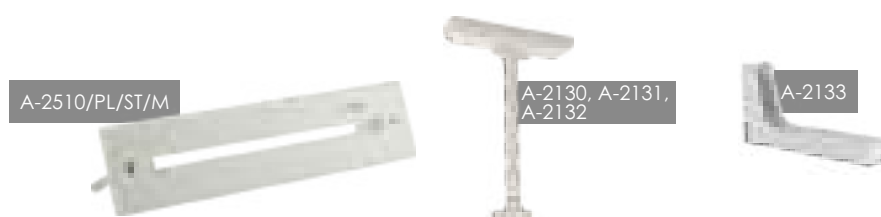
SW-25/L

SW-25/R

SW-25/DR

SW-25/DL

| Type                                                                                 | Code      | Battery      | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|--------------------------------------------------------------------------------------|-----------|--------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED</b> |           |              |          |             |                                               |              |
| PLD-25/NiMH/M/ADR                                                                    | 922502515 | 3,6V / 1,5Ah | 3 h      | 4W/4,4 VA   | 90/100 lm                                     | 1084 gr.     |



## ACCESSORIES

(UPON DEMAND)

|                | Code      | Description                                             | Gross weight |
|----------------|-----------|---------------------------------------------------------|--------------|
| A-2510/PL/ST/M | 927251002 | Recess mounting base for self-testing                   | 181 gr.      |
| A-2130         | 927321300 | Set of accessories (1m) for ceiling mounting (white)    | 375 gr.      |
| A-2131         | 927321310 | Set of accessories (0,5m) for ceiling mounting (white)  | 280 gr.      |
| A-2132         | 927321320 | Set of accessories (0,25m) for ceiling mounting (white) | 139 gr.      |
| A-2133         | 927321330 | Accessory for vertical wall mounting (white)            | 108 gr.      |



# ADDRESSABLE ECO LIGHT



SW-20/L

SW-20/R

SW-20/DR

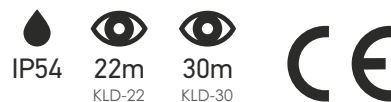
SW-20/DL

The packaging includes pictograms for all the below directions

| Type                                                                                 | Code      | Battery    | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|--------------------------------------------------------------------------------------|-----------|------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED</b> |           |            |          |             |                                               |              |
| KLR-20/ST/ADR                                                                        | 922502054 | 3,6V/1.5Ah | 3 h      | 3,5W/4VA    | 75 / 75lm                                     | 872 gr.      |



# ADDRESSABLE ECO LIGHT



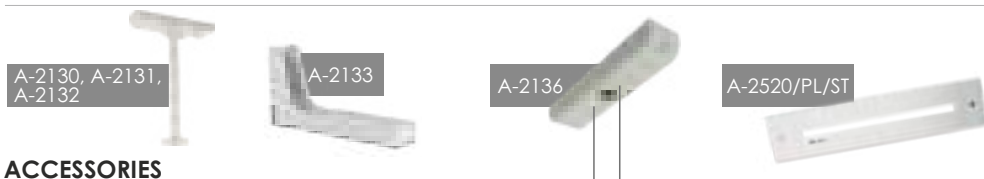
The packaging includes pictograms for all the below directions



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED

|               |           |            |     |          |           |          |
|---------------|-----------|------------|-----|----------|-----------|----------|
| KLD-22/ST/ADR | 922502204 | 3.6V/1,5Ah | 3 h | 3,5W/4VA | 75 / 75lm | 872 gr.  |
| KLD-30/ST/ADR | 922503054 | 3.6V/1,5Ah | 3 h | 3,5W/4VA | 75 / 75lm | 1358 gr. |

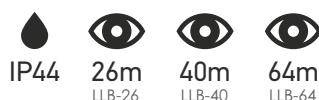


### ACCESSORIES (UPON DEMAND)

| Code         | Description                                                             | Gross weight |
|--------------|-------------------------------------------------------------------------|--------------|
| A-2130       | Set of accessories (1m) for ceiling mounting (white)                    | 375 gr.      |
| A-2131       | Set of accessories (0,5m) for ceiling mounting (white)                  | 280 gr.      |
| A-2132       | Set of accessories (0,25m) for ceiling mounting (white)                 | 139 gr.      |
| A-2133       | Accessory for vertical wall mounting (white)                            | 108 gr.      |
| A-2136       | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |
| A-2520/PL/ST | Suspended ceiling base for self-testing luminary KLD-xx                 | 195 gr.      |



# ADDRESSABLE LED LIGHT BOX



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

## LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED, DOUBLE SIDED

|                |           |                  |       |              |            |          |
|----------------|-----------|------------------|-------|--------------|------------|----------|
| LLB-26/90/ADR  | 923026007 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 6W / 6,4VA   | 230/300 lm | 1083 gr. |
| LLB-26/180/ADR | 923026008 | 4,8V/1,2Ah Ni-Mh | 3 h   | 6W / 6,4VA   | 230/123 lm | 1083 gr. |
| LLB-40/90/ADR  | 923040006 | 4,8V/1,2Ah Ni-Mh | 1,5 h | 7W / 7,4VA   | 370/300 lm | 1785 gr. |
| LLB-40/180/ADR | 923040007 | 4,8V/2,4Ah Ni-Mh | 3 h   | 7W / 7,4VA   | 370/300 lm | 1892 gr. |
| LLB-64/90/ADR  | 923064006 | 4,8V/2Ah Ni-Mh   | 1,5 h | 9,3W / 9,8VA | 600/500 lm | 2456 gr. |
| LLB-64/180/ADR | 923064007 | 4,8V/4Ah Ni-Mh   | 3 h   | 9,3W / 9,8VA | 600/500 lm | 3383 gr. |



### ACCESSORIES

| Code   | Description                                                             | Gross weight |
|--------|-------------------------------------------------------------------------|--------------|
| A-1130 | Set of accessories (1m) for ceiling mounting (silver)                   | 375 gr.      |
| A-1131 | Set of accessories (0,5m) for ceiling mounting (silver)                 | 280 gr.      |
| A-1132 | Set of accessories (0,25m) for ceiling mounting (silver)                | 139 gr.      |
| A-1135 | Accessory for vertical wall mounting                                    | 204 gr.      |
| A-1136 | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |



GR-75x/ST/LP



GR-75x/ST/HP

# ADDRESSABLE BAU LIGHT



IP54 17m 15m



GR-75x/ST/LP/xx



S-75000/L



S-75000/R



S-75000/D

GR-75x/ST/HP/xx



S-73600/L  
S-73601/L



S-73600/R  
S-73601/R



S-73600/D  
S-73601/D



S-73600/U

| Type                                                                                      | Code      | Battery      | Duration          | Consumption   | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-------------------------------------------------------------------------------------------|-----------|--------------|-------------------|---------------|-----------------------------------------------|--------------|
| <b>LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED (LP)</b> |           |              |                   |               |                                               |              |
| GR-751/ST/LP/LL/ADR                                                                       | 923751003 | 3,6V / 1.5Ah | 1 h<br>3 h<br>8 h | 4,1W / 4,3 VA | 270lm/300lm<br>270lm/150lm<br>270lm/30lm      | 950 gr.      |
| GR-753/ST/LP/HL/ADR                                                                       | 923753003 | 3,6V / 3Ah   | 1 h<br>3 h<br>8 h | 4,5W / 4,7VA  | 270lm/350lm<br>270lm/280lm<br>270lm/90lm      | 1023 gr.     |

The packaging contains 12pcs.

| Type                                                                                      | Code      | Battery      | Duration          | Consumption   | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-------------------------------------------------------------------------------------------|-----------|--------------|-------------------|---------------|-----------------------------------------------|--------------|
| <b>LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED (HP)</b> |           |              |                   |               |                                               |              |
| GR-750/ST/HP/LL/ADR                                                                       | 923750004 | 3,6V / 1.5Ah | 1 h<br>3 h<br>8 h | 4,1W / 4,3 VA | 270lm/300lm<br>270lm/150lm<br>270lm/30lm      | 950 gr.      |
| GR-752/ST/HP/HL/ADR                                                                       | 923752003 | 3,6V / 3Ah   | 1 h<br>3 h<br>8 h | 4,5W / 4,7VA  | 270lm/350lm<br>270lm/280lm<br>270lm/90lm      | 1023 gr.     |

The packaging contains 12pcs.



# ADDRESSABLE POWER LIGHT



IP42



\*They have BSI certification

| Type | Code | Battery | Duration | Consumption | Light source | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES, SELF-TESTING, NON-MAINTAINED

|                 |           |              |       |                |           |         |          |
|-----------------|-----------|--------------|-------|----------------|-----------|---------|----------|
| GRL-37/90/ADR*  | 923037007 | 12V/7Ah Pb   | 1,5 h | 16VA           | 2x6P Leds | 3200 lm | 4360 gr. |
| GRL-37/180/ADR* | 923037008 | 2x12V/7Ah Pb | 3 h   | 16VA           | 2x6P Leds | 3200 lm | 6560 gr. |
| GRL-29/ADR      | 923029013 | 12V/7Ah Pb   | 3 h   | 12,6W / 13,1VA | -         | 1760 lm | 3684 gr. |



# ADDRESSABLE POWER LIGHT



IP65



\*They have BSI certification

| Type | Code | Battery | Duration | Consumption | Light source | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, NON-MAINTAINED

|                    |           |              |       |                |           |         |          |
|--------------------|-----------|--------------|-------|----------------|-----------|---------|----------|
| GRL-37/90/WP/ADR*  | 923037009 | 12V/7Ah Pb   | 1,5 h | 16VA           | 2x6P Leds | 3200 lm | 4616 gr. |
| GRL-37/180/WP/ADR* | 923037010 | 2x12V/7Ah Pb | 3 h   | 16VA           | 2x6P Leds | 3200 lm | 6677 gr. |
| GRL-29/WP/ADR      | 923029012 | 12V/7Ah Pb   | 3 h   | 12,6W / 13,1VA | -         | 1760 lm | 3915 gr. |





# WIRELESS EMERGENCY LIGHTING MONITORING



IP20

| Type | Code | Description | Duration | Battery | Consumption | Gross weight |
|------|------|-------------|----------|---------|-------------|--------------|
|------|------|-------------|----------|---------|-------------|--------------|

## WIRELESS EMERGENCY LIGHTING MONITORING

|         |           |                                     |    |                  |            |          |
|---------|-----------|-------------------------------------|----|------------------|------------|----------|
| GR-7610 | 923761000 | i-OLEG Olympia Electronics Lumigate | 1h | 6V/1,3Ah Pb      | 23VA       | 1434 gr. |
| GR-7605 | 923760500 | Rssi tester / USB gateway           | 2h | 3,6V/240mAh NiMH | 0,7W/0,14A | 193 gr.  |
| GR-7601 | 923760100 | Ethernet gateway                    | -  | -                | 2VA        | 237 gr.  |
| GR-7602 | 923760200 | Wifi gateway                        | -  | -                | 2VA        | 225 gr.  |
| GR-7604 | 923760400 | Network extender                    | -  | -                | 1,5VA      | 224 gr.  |



# WIRELESS EASY LIGHT



IP40 26m



KM640081  
BS EN 60598-2-22

\*The have BSI & CNBOP certifications



S-31101/S65L



S-31101/S65R



S-31101/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) |
|------|------|---------|----------|-------------|-----------------------------------------------|
|------|------|---------|----------|-------------|-----------------------------------------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION

|              |           |              |     |              |                |
|--------------|-----------|--------------|-----|--------------|----------------|
| GR-370/LL/WL | 923370000 | 3.6V/1500mAh | 1 h | 4.4W / 4.6VA | 300lm / 280lm  |
|              |           |              | 3 h |              | 300lm / 150 lm |
|              |           |              | 8 h |              | 300lm / 35lm   |
|              |           |              |     |              |                |
| GR-371/HL/WL | 923371000 | 3.6V/3000mAh | 1 h | 5.3W / 5.5VA | 300lm / 330lm  |
|              |           |              | 3 h |              | 300lm / 280lm  |
|              |           |              | 8 h |              | 300lm / 90lm   |
|              |           |              |     |              |                |



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# WIRELESS OLYMPUS LED



SW-110x/LO



SW-110x/RO



SW-110x/DRO

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) |  |  | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--|--|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--|--|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION

|                   |           |                 |          |            |              |        |        |         |
|-------------------|-----------|-----------------|----------|------------|--------------|--------|--------|---------|
| OLY-1002/WP/LL/WL | 923100202 | 3.6V 1.5Ah NiCd | 1h/3h/8h | 4.3W/4.5VA | 300 / 1h/320 | 3h/155 | 8h/30  | 900 gr. |
| OLY-1004/WP/WL/HL | 923100402 | 3.6V 3Ah NiCd   | 1h/3h/8h | 5.3W/5.5VA | 300 / 1h/350 | 3h/295 | 8h/95  | 964 gr. |
| OLY-1022/WP/WL/LL | 923102202 | 3.6V 1.5Ah NiCd | 1h/3h/8h | 4.0W/4.2VA | 300 / 1h/350 | 3h/160 | 8h/30  | 903 gr. |
| OLY-1024/WP/WL/HL | 923102402 | 3.6V 3Ah NiCd   | 1h/3h/8h | 5.0W/5.2VA | 300 / 1h/380 | 3h/320 | 8h/100 | 967 gr. |



| ACCESSORIES | Code      | Description                                                    | Gross weight |
|-------------|-----------|----------------------------------------------------------------|--------------|
| A-3018      | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-1100/RL  | 922110001 | Double sided Plexiglass 6mm marking panel right-left direction | 294 gr.      |
| SP-1100/D   | 922110002 | Double sided Plexiglass 6mm marking panel down direction       | 434 gr.      |
| SP-1100/U   | 922110003 | Double sided Plexiglass 6mm marking panel up direction         | 434 gr.      |



# WIRELESS EASY LIGHT



S-13100/S65L



S-13100/S65R



S-13100/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) |  |  |
|------|------|---------|----------|-------------|-----------------------------------------------|--|--|
|------|------|---------|----------|-------------|-----------------------------------------------|--|--|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION

|               |           |              |                   |              |                                                 |
|---------------|-----------|--------------|-------------------|--------------|-------------------------------------------------|
| GR-1350/LL/WL | 923135002 | 3.6V/1500mAh | 1 h<br>3 h<br>8 h | 4.4W / 4.6VA | 300lm / 280lm<br>300lm / 150 lm<br>300lm / 35lm |
| GR-1351/HL/WL | 923135100 | 3.6V/3000mAh | 1 h<br>3 h<br>8 h | 5.3W / 5.5VA | 300lm / 330lm<br>300lm / 280lm<br>300lm / 90lm  |



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



## WIRELESS SLIM LEDS LIGHT

IP30 22m



S-21000/S65L



S-21000/S65R



S-21000/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|

### LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION

|                      |           |              |       |              |               |         |
|----------------------|-----------|--------------|-------|--------------|---------------|---------|
| GR-2100/ST/M/WL      | 923210009 | 3,6V / 0,6Ah | 1,5 h | 3,3W / 3,6VA | 100lm / 100lm | 555 gr. |
| GR-2100/ST/OPAL/M/WL | 923210010 | 3,6V / 0,6Ah | 1,5 h | 3,3W / 3,6VA | 100lm / 100lm | 555 gr. |
| GR-2110/ST/M/WL      | 923211010 | 3,6V / 1,5Ah | 3 h   | 3,3W / 3,6VA | 100lm / 100lm | 636 gr. |
| GR-2110/ST/OPAL/M/WL | 923211011 | 3,6V / 1,5Ah | 3 h   | 3,3W / 3,6VA | 100lm / 100lm | 635 gr. |

The packaging contains 20pcs.

### ACCESSORIES- WOODEN BASE

|            | Code      | Color          |  | Gross weight |
|------------|-----------|----------------|--|--------------|
| WB-2100/CH | 927210000 | Cherry         |  | 284 gr.      |
| WB-2100/NC | 927210001 | Natural cherry |  | 296,5 gr.    |
| WB-2100/WN | 927210002 | Walnut         |  | 217 gr.      |



## WIRELESS WEATHER LIGHT

IP65 26m



S-1938/S65L



S-1938/S65R



S-1938/S65D

| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) |
|------|------|---------|----------|-------------|-----------------------------------------------|
|------|------|---------|----------|-------------|-----------------------------------------------|

### LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION

|               |           |              |     |              |                |
|---------------|-----------|--------------|-----|--------------|----------------|
| GR-1950/LL/WL | 923195000 | 3.6V/1500mAh | 1 h | 4.4W / 4.6VA | 300lm / 280lm  |
|               |           |              | 3 h |              | 300lm / 150 lm |
|               |           |              | 8 h |              | 300lm / 35lm   |
| GR-1951/HL/WL | 923195100 | 3.6V/3000mAh | 1 h | 5.3W / 5.5VA | 300lm / 330lm  |
|               |           |              | 3 h |              | 300lm / 280lm  |
|               |           |              | 8 h |              | 300lm / 90lm   |

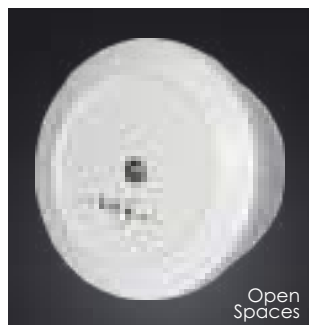


A-9100/ST



A-1900

| ACCESSORIES | Code      | Description                                    | Gross Weight |
|-------------|-----------|------------------------------------------------|--------------|
| A-9100/ST   | 927910000 | Plastic double sided diffuser for self-testing | 513,50 gr.   |
| A-1900      | 927190000 | Magnetic test card                             | 24,50 gr.    |



## WIRELESS SPOT LIGHT



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Installation | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|

### LED EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED WITH WIRELESS COMMUNICATION

|                |           |                |       |              |        |               |         |
|----------------|-----------|----------------|-------|--------------|--------|---------------|---------|
| GR-292/M/HL/WL | 923292009 | 4,8V/4Ah Ni-Mh | 3 h   | 4,9W / 5,2VA | 330 lm | Escape routes | 925 gr. |
| GR-293/M/HL/WL | 923293009 | 4,8V/4Ah Ni-Mh | 3 h   | 4,9W / 5,2VA | 330 lm | Open areas    | 925 gr. |
| GR-291/M/WL    | 923291011 | 4,8V/4Ah Ni-Mh | 1,5 h | 4,3W / 4,7VA | 300 lm | Open areas    | 439 gr. |
| GR-293/M/WL    | 923293010 | 4,8V/4Ah Ni-Mh | 3 h   | 4,3W / 4,7VA | 150 lm | Open areas    | 439 gr. |
| GR-290/M/WL    | 923290011 | 4,8V/4Ah Ni-Mh | 1,5 h | 4,3W / 4,7VA | 150 lm | Escape routes | 439 gr. |
| GR-292/M/WL    | 923292010 | 4,8V/4Ah Ni-Mh | 3 h   | 4,3W / 4,7VA | 300 lm | Escape routes | 439 gr. |
| GR-291/WP/M/WL | 923291012 | 4,8V/4Ah Ni-Mh | 1,5 h | 4,3W / 4,7VA | 300 lm | Open areas    | 439 gr. |
| GR-293/WP/M/WL | 923293011 | 4,8V/4Ah Ni-Mh | 3 h   | 4,3W / 4,7VA | 150 lm | Open areas    | 439 gr. |
| GR-290/WP/M/WL | 923290012 | 4,8V/4Ah Ni-Mh | 1,5 h | 4,3W / 4,7VA | 300 lm | Escape routes | 439 gr. |
| GR-292/WP/M/WL | 923292011 | 4,8V/4Ah Ni-Mh | 3 h   | 4,3W / 4,7VA | 150 lm | Escape routes | 439 gr. |



## WIRELESS TETRAGONO LIGHT



| Type | Code | Battery | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Installation | Gross weight |
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|
|------|------|---------|----------|-------------|-----------------------------------------------|--------------|--------------|

### LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED WITH WIRELESS COMMUNICATION, IP65

|              |           |              |       |              |       |               |         |
|--------------|-----------|--------------|-------|--------------|-------|---------------|---------|
| GR-490/WP/WL | 923490004 | 4,8V / 1,2Ah | 1,5 h | 3,9W / 4,4VA | 280lm | Escape routes | 854 gr. |
| GR-491/WP/WL | 923491004 | 4,8V / 1,2Ah | 1,5 h | 3,9W / 4,4VA | 280lm | Open areas    | 854 gr. |
| GR-492/WP/WL | 923492004 | 4,8V / 1,2Ah | 3 h   | 3,9W / 4,4VA | 140lm | Escape routes | 854 gr. |
| GR-493/WP/WL | 923493004 | 4,8V / 1,2Ah | 3 h   | 3,9W / 4,4VA | 140lm | Open areas    | 854 gr. |

The packaging contains 12pcs.

### LED EMERGENCY LUMINARIES, SELF-TESTING, CEILING MOUNTED, NON-MAINTAINED WITH WIRELESS COMMUNICATION, IP42

|           |           |              |       |              |       |               |         |
|-----------|-----------|--------------|-------|--------------|-------|---------------|---------|
| GR-490/WL | 923490005 | 4,8V / 1,2Ah | 1,5 h | 3,9W / 4,4VA | 280lm | Escape routes | 856 gr. |
| GR-491/WL | 923491005 | 4,8V / 1,2Ah | 1,5 h | 3,9W / 4,4VA | 280lm | Open areas    | 856 gr. |
| GR-492/WL | 923492005 | 4,8V / 1,2Ah | 3 h   | 3,9W / 4,4VA | 140lm | Escape routes | 856 gr. |
| GR-493/WL | 923493005 | 4,8V / 1,2Ah | 3 h   | 3,9W / 4,4VA | 140lm | Open areas    | 856 gr. |

The packaging contains 12pcs.



GR-75x/ST/LP



GR-75x/ST/HP

# WIRELESS BAU LIGHT



IP54 17m 15m



GR-75x/ST/LP/xx



S-75000/L



S-75000/R



S-75000/D

GR-75x/ST/HP/xx



S-73600/L  
S-73601/L



S-73600/R  
S-73601/R



S-73600/D  
S-73601/D

| Type                                                                                                      | Code      | Battery      | Duration | Consumption   | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-----------------------------------------------------------------------------------------------------------|-----------|--------------|----------|---------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION (LP)</b> |           |              |          |               |                                               |              |
| GR-751/ST/LP/LL/WL                                                                                        | 923751004 | 3,6V / 1.5Ah | 1 h      | 4,1W / 4,3 VA | 270lm/300lm                                   | 884 gr       |
|                                                                                                           |           |              | 3 h      |               | 270lm/150lm                                   |              |
|                                                                                                           |           |              | 8 h      |               | 270lm/30lm                                    |              |
| GR-753/ST/LP/HL/WL                                                                                        | 923753004 | 3,6V / 3Ah   | 1 h      | 4,5W / 4,7VA  | 270lm/350lm                                   | 957 gr       |
|                                                                                                           |           |              | 3 h      |               | 270lm/280lm                                   |              |
|                                                                                                           |           |              | 8 h      |               | 270lm/90lm                                    |              |

The packaging contains 12pcs.

| Type                                                                                                      | Code      | Battery      | Duration | Consumption   | Source lighting output<br>(Mains / Emergency) | Gross weight |
|-----------------------------------------------------------------------------------------------------------|-----------|--------------|----------|---------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION (HP)</b> |           |              |          |               |                                               |              |
| GR-750/ST/HP/LL/WL                                                                                        | 923750005 | 3,6V / 1.5Ah | 1 h      | 4,1W / 4,3 VA | 270lm/300lm                                   | 952 gr       |
|                                                                                                           |           |              | 3 h      |               | 270lm/150lm                                   |              |
|                                                                                                           |           |              | 8 h      |               | 270lm/30lm                                    |              |
| GR-752/ST/HP/HL/WL                                                                                        | 923752004 | 3,6V / 3Ah   | 1 h      | 4,5W / 4,7VA  | 270lm/350lm                                   | 1025 gr      |
|                                                                                                           |           |              | 3 h      |               | 270lm/280lm                                   |              |
|                                                                                                           |           |              | 8 h      |               | 270lm/90lm                                    |              |

The packaging contains 12pcs.



KLR-20

# WIRELESS ECO LIGHT

IP54 20m



SW-20/L



SW-20/R



SW-20/DR



SW-20/DL

The packaging includes pictograms for all the above directions except SW-20/UR & SW-20/UL

| Type                                                                                                 | Code      | Battery    | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION</b> |           |            |          |             |                                               |              |
| KLR-20/ST/WL                                                                                         | 922502055 | 3.6V/1.5Ah | 3 h      | 3,5W/4VA    | 75 / 75lm                                     | 874 gr.      |



# WIRELESS ECO LIGHT



IP54



22m  
KLD-22



30m  
KLD-30



SW-22/L



SW-22/R



SW-22/DR



SW-22/DL



SW-31/L



SW-31/R



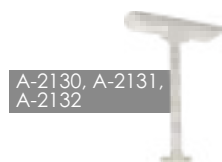
SW-31/DR



SW-31/DL

Η συσκευασία διαθέτει πικτογράφημα για όλες τις παραπάνω κατευθύνσεις

| Type                                                                                                 | Code      | Battery    | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION</b> |           |            |          |             |                                               |              |
| KLD-22/ST/WL                                                                                         | 922502205 | 3.6V/1,5Ah | 3 h      | 3,5W/4VA    | 75 / 75lm                                     | 872 gr.      |
| KLD-30/ST/WL                                                                                         | 922503055 | 3.6V/1,5Ah | 3 h      | 3,5W/4VA    | 75 / 75lm                                     | 1358 gr.     |



## ACCESSORIES

(UPON DEMAND)

| Code         | Description                                                             | Gross weight |
|--------------|-------------------------------------------------------------------------|--------------|
| A-2130       | Set of accessories (1m) for ceiling mounting (white)                    | 375 gr.      |
| A-2131       | Set of accessories (0,5m) for ceiling mounting (white)                  | 280 gr.      |
| A-2132       | Set of accessories (0,25m) for ceiling mounting (white)                 | 139 gr.      |
| A-2133       | Accessory for vertical wall mounting (white)                            | 108 gr.      |
| A-2136       | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |
| A-2520/PL/ST | Suspended ceiling base for self-testing luminary KLD-xx                 | 195 gr.      |



# WIRELESS ECO LIGHT



IP44



26m



IK09



SW-25/L



SW-25/R



SW-25/DR



SW-25/DL

| Type                                                                                                 | Code      | Battery      | Duration | Consumption | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------------------------------------------------------------------------------------------------------|-----------|--------------|----------|-------------|-----------------------------------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION</b> |           |              |          |             |                                               |              |
| PLD-25/NiMH/M/WL                                                                                     | 922502516 | 3,6V / 1,5Ah | 3 h      | 4W/4,4 VA   | 90/100 lm                                     | 1086 gr.     |



## ACCESSORIES

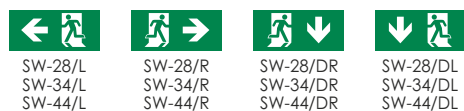
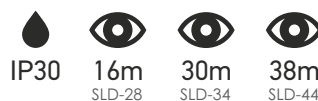
(UPON DEMAND)

| Code           | Description                                             | Gross weight |
|----------------|---------------------------------------------------------|--------------|
| A-2510/PL/ST/M | Recess mounting base for self-testing                   | 181 gr.      |
| A-2130         | Set of accessories (1m) for ceiling mounting (white)    | 375 gr.      |
| A-2131         | Set of accessories (0,5m) for ceiling mounting (white)  | 280 gr.      |
| A-2132         | Set of accessories (0,25m) for ceiling mounting (white) | 139 gr.      |
| A-2133         | Accessory for vertical wall mounting (white)            | 108 gr.      |





# WIRELESS LOUNGE LIGHT



| Type | Code | Battery | Duration | Consumption | Source lighting output (Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|--------------------------------------------|--------------|
|------|------|---------|----------|-------------|--------------------------------------------|--------------|

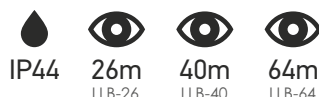
## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION

|                |           |                  |     |              |            |          |
|----------------|-----------|------------------|-----|--------------|------------|----------|
| SLD-28/DZ/M/WL | 922028028 | 3,6V/1,5Ah Ni-Mh | 3 h | 2,7W / 3,9VA | 100/100 lm | 945 gr.  |
| SLD-34/DZ/M/WL | 922034027 | 3,6V/1,5Ah Ni-Mh | 3 h | 3W / 4,2VA   | 125/125 lm | 1300 gr. |
| SLD-44/DZ/M/WL | 922044019 | 3,6V/1,5Ah Ni-Mh | 3 h | 3W / 4,2VA   | 125/125 lm | 1753 gr. |
| SLD-28/SP/M/WL | 922028029 | 3,6V/1,5Ah Ni-Mh | 3 h | 2,7W / 3,9VA | 100/100 lm | 1055 gr. |
| SLD-34/SP/M/WL | 922034028 | 3,6V/1,5Ah Ni-Mh | 3 h | 3W / 4,2VA   | 125/125 lm | 1390 gr. |
| SLD-44/SP/M/WL | 922044020 | 3,6V/1,5Ah Ni-Mh | 3h  | 3W / 4,2VA   | 125/125 lm | 1972 gr. |

| ACCESSORY | Code      | Description                        | Gross weight |
|-----------|-----------|------------------------------------|--------------|
| A-3018    | 980330180 | Suspended ceiling mounting springs | 10,9 gr.     |



# WIRELESS LED LIGHT BOX



| Type | Code | Battery | Duration | Consumption | Source lighting output (Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|--------------------------------------------|--------------|
|------|------|---------|----------|-------------|--------------------------------------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS, SELF-TESTING, MAINTAINED WITH WIRELESS COMMUNICATION, DOUBLE SIDED

|               |           |            |       |              |            |          |
|---------------|-----------|------------|-------|--------------|------------|----------|
| LLB-26/90/WL  | 923026009 | 4,8V/1,2Ah | 1,5 h | 6W / 6,4VA   | 230/300 lm | 1085 gr. |
| LLB-26/180/WL | 923026010 | 4,8V/1,2Ah | 3 h   | 6W / 6,4VA   | 230/123 lm | 1085 gr. |
| LLB-40/90/WL  | 923040008 | 4,8V/1,2Ah | 1,5 h | 7W / 7,4VA   | 370/300 lm | 1787 gr. |
| LLB-40/180/WL | 923040009 | 4,8V/2,4Ah | 3 h   | 7W / 7,4VA   | 370/300 lm | 1894 gr. |
| LLB-64/90/WL  | 923064008 | 4,8V/2Ah   | 1,5 h | 9,3W / 9,8VA | 600/500 lm | 2458 gr. |
| LLB-64/180/WL | 923064009 | 4,8V/4Ah   | 3 h   | 9,3W / 9,8VA | 600/500 lm | 3385 gr. |

LLB-XX/○ All the above models can be manufactured as one sided luminaries with aluminum backplate



| ACCESSORIES | Code      | Description                                                             | Gross weight |
|-------------|-----------|-------------------------------------------------------------------------|--------------|
| A-1130      | 927311300 | Set of accessories (1m) for ceiling mounting (silver)                   | 375 gr.      |
| A-1131      | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)                 | 280 gr.      |
| A-1132      | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver)                | 139 gr.      |
| A-1135      | 927311350 | Accessory for vertical wall mounting                                    | 204 gr.      |
| A-1136      | 927311360 | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |





IP42



# WIRELESS POWER LIGHT

IP65



| Type | Code | Battery | Duration | Consumption | Light Source | Source lighting output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|
|------|------|---------|----------|-------------|--------------|-----------------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, SELF-TESTING, NON-MAINTAINED WITH WIRELESS COMMUNICATION

|               |           |              |       |                |           |         |          |
|---------------|-----------|--------------|-------|----------------|-----------|---------|----------|
| GRL-37/90/WL  | 923037016 | 12V/7Ah Pb   | 1,5 h | 16VA           | 2x6P Leds | 3200 lm | 4360 gr. |
| GRL-37/180/WL | 923037017 | 2x12V/7Ah Pb | 3 h   | 16VA           | 2x6P Leds | 3200 lm | 6560 gr. |
| GRL-29/WL     | 923029014 | 12V/7Ah Pb   | 3 h   | 12,6W / 13,1VA | -         | 1760 lm | 3684 gr. |

## LED EMERGENCY LUMINARIES, WATERPROOF, SELF-TESTING, NON-MAINTAINED WITH WIRELESS COMMUNICATION

|                  |           |              |       |                |           |         |          |
|------------------|-----------|--------------|-------|----------------|-----------|---------|----------|
| GRL-37/90/WP/WL  | 923037010 | 12V/7Ah Pb   | 1,5 h | 16VA           | 2x6P Leds | 3200 lm | 4616 gr. |
| GRL-37/180/WP/WL | 923037018 | 2x12V/7Ah Pb | 3 h   | 16VA           | 2x6P Leds | 3200 lm | 6677 gr. |
| GRL-29/WP/WL     | 923029015 | 12V/7Ah Pb   | 3 h   | 12,6W / 13,1VA | -         | 1760 lm | 3915 gr. |



# 24V DC ADDRESSABLE CENTRAL BATTERY SYSTEM (CBS)



IP21



\*They have BSI certification

| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## 300W / 24V DC PANELS

|                |           |                                                                                 |           |
|----------------|-----------|---------------------------------------------------------------------------------|-----------|
| GR-8600/300/4* | 923860004 | 300 Watt panel with 4 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200) | 19300 gr. |
| GR-8600/300/8* | 923860005 | 300 Watt panel with 8 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200) | 19600 gr. |

## 600W / 24V DC PANELS

|                |           |                                                                                 |  |
|----------------|-----------|---------------------------------------------------------------------------------|--|
| GR-8600/600/8* | 923860006 | 600 Watt panel with 8 lighting circuits. Requires 2 batteries 12V/55Ah (A-1202) |  |
|----------------|-----------|---------------------------------------------------------------------------------|--|



## PERIPHERALS UPON DEMAND

|         |           |                                                                                      |         |
|---------|-----------|--------------------------------------------------------------------------------------|---------|
| GR-8610 | 923861000 | 4 zone lighting circuit extension card for addressable luminaires CBS 24V / 300 Watt | 347 gr. |
| GR-8530 | 923853000 | Network card through ETHERNET                                                        | 32 gr.  |

| ACCESSORIES | Code      | Description                                                    | Gross weight |
|-------------|-----------|----------------------------------------------------------------|--------------|
| GR-8500/PS  | 808385002 | Spare power supply for maintained operation (GR-8500, GR-8600) | 1187,5 gr.   |
| GR-8500/PSC | 808385003 | Spare power supply for charging (GR-8500, GR-8600, GR-9500)    | 1131 gr.     |



# ADDRESSABLE 24V DC EASY LIGHT



IP40 26m



KM640081  
BS EN 60598-2-22

\*They have BSI certification



| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES 24V DC

|                      |           |   |   |      |       |         |
|----------------------|-----------|---|---|------|-------|---------|
| GR-324/15L/24V/ADR/A | 923324021 | - | - | 1,5W | 125lm | 710 gr. |
| GR-324/30L/24V/ADR/A | 923324022 | - | - | 2,3W | 255lm | 710 gr. |

The packaging contains 15pcs.



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# ADDRESSABLE 24V DC EASY LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI certification



S-13100/S65L



S-13100/S65R



S-13100/S65D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES 24V DC

|                     |           |   |   |      |        |         |
|---------------------|-----------|---|---|------|--------|---------|
| GR-1325/15L/24V/ADR | 923132501 | - | - | 1,5W | 125 lm | 710 gr. |
| GR-1325/30L/24V/ADR | 923132500 | - | - | 2,3W | 255 lm | 710 gr. |

The packaging contains 15pcs.



## ACCESSORIES

| Code         | Description                                                    | Gross weight |
|--------------|----------------------------------------------------------------|--------------|
| A-3018       | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# ADDRESSABLE 24V DC WEATHER LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI certification



S-1938/S65L



S-1938/S65R



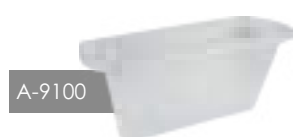
S-1938/S65D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES 24V DC

|                     |           |   |   |      |        |         |
|---------------------|-----------|---|---|------|--------|---------|
| GR-1926/15L/24V/ADR | 923192608 | - | - | 1,5W | 125 lm | 642 gr. |
| GR-1926/30L/24V/ADR | 923192609 | - | - | 2,3W | 255 lm | 642 gr. |

The packaging contains 12pcs.



## ACCESSORIES

| Code   | Description                   | Gross weight |
|--------|-------------------------------|--------------|
| A-9100 | Plastic double sided diffuser | 513,50 gr.   |
| A-1900 | Test card                     | 24,50 gr.    |



GR-281/24V/ADR



GR-280/24V/ADR

# ADDRESSABLE 24V DC SPOT LIGHT



IP40



IK08



KM640081  
BS EN 60598-2-22



\*They have BSI certifications

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Installation | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES, CEILING MOUNTED 24V DC

|                |           |   |   |      |        |               |         |
|----------------|-----------|---|---|------|--------|---------------|---------|
| GR-281/24V/ADR | 923281004 | - | - | 3,2W | 270 lm | Open areas    | 324 gr. |
| GR-280/24V/ADR | 923280004 | - | - | 3,2W | 270 lm | Escape routes | 324 gr. |

The packaging contains 26pcs.



# ADDRESSABLE 24V DC SLIM LEDs LIGHT



IP30



22m



S-21000/S65L



S-21000/S65R



S-21000/S65D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED ADDRESSABLE EMERGENCY LUMINARIES 24V DC

|                     |           |   |   |      |        |         |
|---------------------|-----------|---|---|------|--------|---------|
| GR-2100/CBS/24V ADR | 923210006 | - | - | 1,2W | 120 lm | 444 gr. |
|---------------------|-----------|---|---|------|--------|---------|

The packaging contains 20pcs.

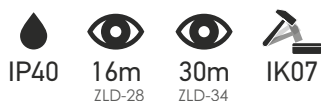
## ACCESSORIES - WOODEN BASE

|            | Code      | Color          | Gross weight |
|------------|-----------|----------------|--------------|
| WB-2100/CH | 927210000 | Cherry         | 284 gr.      |
| WB-2100/NC | 927210001 | Natural Cherry | 296,5 gr.    |
| WB-2100/WN | 927210002 | Walnut         | 217 gr.      |





# ADDRESSABLE 24V DC ECO LIGHT



KM640081  
BS EN 60598-2-22

They have BSI certifications



SW-28/L  
SW-34/L

SW-28/R  
SW-34/R

SW-28/DR  
SW-34/DR

SW-28/DL  
SW-34/DL

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS 24V DC

|                   |           |   |   |      |        |         |
|-------------------|-----------|---|---|------|--------|---------|
| ZLD-28/24V/ADR/EM | 922502869 | - | - | 1,6W | 150 lm | 887 lm  |
| ZLD-34/24V/ADR/EM | 922503473 | - | - | 1,8W | 175 lm | 1266 lm |



A-1018/PL  
A-1020/PL



A-1130, A-1131,  
A-1132



A-1133



A-1134

## ACCESSORIES

(UPON DEMAND)

|           | Code      | Description                                              | Gross weight |
|-----------|-----------|----------------------------------------------------------|--------------|
| A-1018/PL | 927101801 | Recess mounting base (silver)                            | 165 gr.      |
| A-1020/PL | 927102001 | Recess mounting base (silver)                            | 195 gr.      |
| A-1130    | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131    | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 278 gr.      |
| A-1132    | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133    | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr.    |
| A-1134    | 927311340 | Accessory for wall mounting (silver)                     | 111 gr.      |



GR-75x/ST/LP/xx

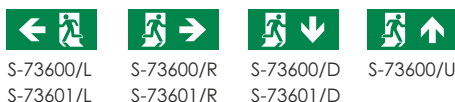


GR-75x/xx/HP

# ADDRESSABLE 24V DC BAU LIGHT



GR-75x/ST/LP/xx



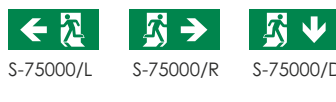
S-73600/L  
S-73601/L

S-73600/R  
S-73601/R

S-73600/D  
S-73601/D

S-73600/U  
S-73601/D

GR-75x/ST/HP/xx



S-75000/L

S-75000/R

S-75000/D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS 24V DC

|                          |           |   |   |      |        |         |
|--------------------------|-----------|---|---|------|--------|---------|
| GR-750/CBS/24V/ADR/HP/LL | 923750003 | - | - | 1,5W | 200 lm | 753 gr. |
| GR-751/CBS/24V/ADR/LP/LL | 923751002 | - | - | 1,5W | 200 lm | 705 gr. |
| GR-752/CBS/24V/ADR/HP/HL | 923752002 | - | - | 2,5W | 350 lm | 753 gr. |
| GR-753/CBS/24V/ADR/LP/HL | 923753002 | - | - | 2,5W | 350 lm | 705 gr. |

The packaging contains 12pcs.



# ADDRESSABLE 24V DC ECO LIGHT



SW-20/L SW-20/R SW-20/DR SW-20/DL

The packaging includes pictograms for all the above directions

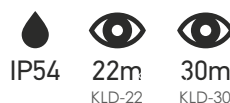
| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS 24V DC

|                    |           |   |   |      |        |         |
|--------------------|-----------|---|---|------|--------|---------|
| KLR-20/CBS/24V/ADR | 922502052 | - | - | 1,2W | 112 lm | 680 gr. |
|--------------------|-----------|---|---|------|--------|---------|



# ADDRESSABLE 24V DC ECO LIGHT



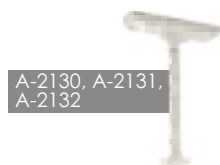
SW-22/L SW-22/R SW-22/DR SW-22/DL SW-31/L SW-31/R SW-31/DR SW-31/DL

The packaging includes pictograms for all the above directions

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS 24V DC

|                    |           |   |   |      |        |          |
|--------------------|-----------|---|---|------|--------|----------|
| KLD-22/CBS/24V/ADR | 922502202 | - | - | 1,2W | 112 lm | 914 gr.  |
| KLD-30/CBS/24V/ADR | 922503052 | - | - | 1,2W | 112 lm | 1105 gr. |



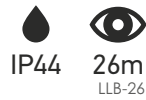
## ACCESSORIES

(UPON DEMAND)

|           | Code      | Description                                                             | Gross weight |
|-----------|-----------|-------------------------------------------------------------------------|--------------|
| A-2130    | 927321300 | Set of accessories (1m) for ceiling mounting (white)                    | 375 gr.      |
| A-2131    | 927321310 | Set of accessories (0,5m) for ceiling mounting (white)                  | 280 gr.      |
| A-2132    | 927321320 | Set of accessories (0,25m) for ceiling mounting (white)                 | 139 gr.      |
| A-2133    | 927321330 | Accessory for vertical wall mounting (white)                            | 108 gr.      |
| A-2136    | 927321360 | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |
| A-2520/PL | 927252001 | Suspended ceiling base for luminary KLD-xx (white)                      | 165 gr.      |



# ADDRESSABLE 24V DC LED LIGHT BOX

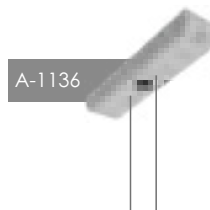


S65/L



S65/R

| Type                                                                            | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|---------------------------------------------------------------------------------|------|---------|----------|-------------|-------------------------------------|--------------|
| <b>LED ADDRESSABLE INTERNALLY ILLUMINATED SAFETY SIGNS 24V DC, DOUBLE SIDED</b> |      |         |          |             |                                     |              |
| LLB-26/CBS/24V/ADR                                                              |      | -       | -        | 2,5W        | 300 lm                              | 843 gr.      |



| ACCESSORIES | Code      | Description                                                                      | Gross weight |
|-------------|-----------|----------------------------------------------------------------------------------|--------------|
| A-1130      | 927311300 | Set of accessories (1m) for ceiling mounting (silver)                            | 375 gr.      |
| A-1131      | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)                          | 280gr.       |
| A-1132      | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver)                         | 139 gr.      |
| A-1135      | 927311350 | Accessory for vertical wall mounting (silver)                                    | 204 gr.      |
| A-1136      | 927311360 | Accessory set for ceiling mounted hanging installations with 2,5m cable (silver) | 164 gr.      |





# CONVENTIONAL BATTERY SYSTEM CBS 24V DC



IP21



\*They have BSI certification

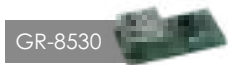
| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## 300W / 24V DC PANELS

|                |           |                                                                                  |           |
|----------------|-----------|----------------------------------------------------------------------------------|-----------|
| GR-8500/300/4  | 923850000 | 300 Watt panel with 4 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200)  | 19400 gr. |
| GR-8500/300/8* | 923850001 | 300 Watt panel with 8 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200)  | 19700 gr. |
| GR-8500/300/12 | 923850002 | 300 Watt panel with 12 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200) | 20000 gr. |
| GR-8500/300/16 | 923850003 | 300 Watt panel with 16 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200) | 20300 gr. |

## 600W / 24V DC PANELS

|                 |           |                                                                                  |           |
|-----------------|-----------|----------------------------------------------------------------------------------|-----------|
| GR-8500/600/8   | 923850004 | 600 Watt panel with 8 lighting circuits. Requires 2 batteries 12V/55Ah (A-1202)  | 20900 gr. |
| GR-8500/600/16* | 923850005 | 600 Watt panel with 16 lighting circuits. Requires 2 batteries 12V/55Ah (A-1202) | 21500 gr. |



## PERIPHERALS UPON DEMAND

|         |           |                                                       |         |
|---------|-----------|-------------------------------------------------------|---------|
| GR-8510 | 923851000 | 4 zone lighting circuit extension card 24V / 300 Watt | 293 gr. |
| GR-8530 | 923853000 | Network card through ETHERNET                         | 32 gr.  |

## ACCESSORIES

| Code        | Description |                                                                |
|-------------|-------------|----------------------------------------------------------------|
| GR-8500/PS  | 808385002   | Spare power supply for maintained operation (GR-8500, GR-8600) |
| GR-8500/PSC | 808385003   | Spare power supply for charging (GR-8500, GR-8600, GR-9500)    |



# CBS 24V DC EASY LIGHT

IP40 26m



KM640081  
BS EN 60598-2-22

\*They have BSI certification



S-31101/S65L



S-31101/S65R



S-31101/S65D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED EMERGENCY LUMINARIES CBS 24V DC

|                      |           |   |   |      |        |         |
|----------------------|-----------|---|---|------|--------|---------|
| GR-325/6P/24V DC/A   | 923325008 | - | - | 5,7W | 580 lm | 684 gr. |
| GR-324/15L/24V DC/A* | 923324018 | - | - | 1W   | 125 lm | 684 gr. |
| GR-324/30L/24V DC/A* | 923324019 | - | - | 2W   | 255 lm | 684 gr. |

The packaging contains 15pcs.



| ACCESSORIES | Code      | Description                                               | Gross weight |
|-------------|-----------|-----------------------------------------------------------|--------------|
| A-3018      | 980330180 | Suspended ceiling mounting springs                        | 10,9 gr.     |
| SP-116      | 922116000 | Double sided PVC 6mm marking panel                        | 294 gr.      |
| SP-116/P/R  | 922116001 | Double sided Plexiglass 4mm marking panel right direction | 434 gr.      |
| SP-116/P/L  | 922116002 | Double sided Plexiglass 4mm marking panel left direction  | 434 gr.      |
| SP-116/P/D  | 922116003 | Double sided Plexiglass 4mm marking panel down direction  | 434 gr.      |



# CBS 24V DC EASY LIGHT

IP40 22m



KM640081  
BS EN 60598-2-22

\*They have BSI certification



S-13100/S65L



S-13100/S65R



S-13100/S65D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED EMERGENCY LUMINARIES CBS 24V DC

|                    |           |   |   |    |        |         |
|--------------------|-----------|---|---|----|--------|---------|
| GR-1324/15L/24V DC | 923132404 | - | - | 1W | 125 lm | 687 gr. |
| GR-1324/30L/24V DC | 923132405 | - | - | 2W | 250 lm | 687 gr. |

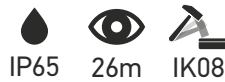
The packaging contains 15pcs.



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# CBS 24V DC WEATHER LIGHT



S-93593/S65L



S-93593/S65R



S-93593/S65D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED EMERGENCY LUMINARIES CBS 24V DC

|                   |           |   |   |      |        |         |
|-------------------|-----------|---|---|------|--------|---------|
| GR-926/15L/24V DC | 923926014 | - | - | 1,2W | 125 lm | 835 gr. |
| GR-926/30L/24V DC | 923926015 | - | - | 2,1W | 250 lm | 835 gr. |

The packaging contains 12pcs.



| ACCESSORIES | Code      | Description                    | Gross weight |
|-------------|-----------|--------------------------------|--------------|
| A-1017      | 927101700 | Plastic double sided diffuser  | 538 gr.      |
| A-9000      | 927900001 | Ceiling bracket for GR-9xx/xxL | 879 gr.      |



# CBS 24V DC WEATHER LIGHT



\*They have BSI certifications



S-1938/S65L



S-1938/S65R



S-1938/S65D

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED EMERGENCY LUMINARIES CBS 24V DC

|                    |           |   |   |    |        |         |
|--------------------|-----------|---|---|----|--------|---------|
| GR-1926/15L/24V DC | 923192604 | - | - | 1W | 125 lm | 620 gr. |
| GR-1926/30L/24V DC | 923192605 | - | - | 2W | 255 lm | 620 gr. |

The packaging contains 12pcs.



| ACCESSORIES | Code      | Description                   | Gross weight |
|-------------|-----------|-------------------------------|--------------|
| A-9100      | 927910001 | Plastic double sided diffuser | 513,50 gr.   |
| A-1900      | 927190000 | Test card                     | 24,50 gr.    |



## CBS 24V DC SPOT LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI certification

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Installation | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|--------------|

### LED EMERGENCY LUMINARIES, CEILING MOUNTED, CBS 24V DC

|               |           |   |   |      |        |               |         |
|---------------|-----------|---|---|------|--------|---------------|---------|
| GR-280/24V DC | 923280003 | - | - | 2,9W | 270 lm | Escape routes | 316 gr. |
| GR-281/24V DC | 923281003 | - | - | 2,9W | 270 lm | Open areas    | 316 gr. |

The packaging contains 26pcs.



## CBS 24V DC ECO LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI certification

|                               |                               |                                  |                                  |
|-------------------------------|-------------------------------|----------------------------------|----------------------------------|
| SW-28/L<br>SW-34/L<br>SW-44/L | SW-28/R<br>SW-34/R<br>SW-44/R | SW-28/DR<br>SW-34/DR<br>SW-44/DR | SW-28/DL<br>SW-34/DL<br>SW-44/DL |
|-------------------------------|-------------------------------|----------------------------------|----------------------------------|

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

### LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 24V DC

|                       |           |   |   |       |        |          |
|-----------------------|-----------|---|---|-------|--------|----------|
| ZLD-28/CBS/24V DC/EM* | 922502867 | - | - | 1,4W  | 150 lm | 880 gr.  |
| ZLD-34/CBS/24V DC/EM* | 922503471 | - | - | 1,6W  | 175 lm | 1251 gr. |
| ZLD-44/CBS/24V DC/EM  | 922504462 | - | - | 1,85W | 200 lm | 1786 gr. |



### ACCESSORIES (UPON DEMAND)

|           | Code      | Description                                              | Gross weight |
|-----------|-----------|----------------------------------------------------------|--------------|
| A-1018/PL | 927101801 | Recess mounting base                                     | 159 gr.      |
| A-1020/PL | 927102001 | Recess mounting base                                     | 180 gr.      |
| A-1130    | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131    | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132    | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133    | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr.    |
| A-1134    | 927311340 | Accessory for wall mounting (silver)                     | 111 gr.      |



# CBS 24V DC LOUNGE LIGHT



IP30 15m 29m 37m  
SLD-28 SLD-34 SLD-44



|                               |                               |                                  |                                  |
|-------------------------------|-------------------------------|----------------------------------|----------------------------------|
|                               |                               |                                  |                                  |
| SW-28/L<br>SW-34/L<br>SW-44/L | SW-28/R<br>SW-34/R<br>SW-44/R | SW-28/DR<br>SW-34/DR<br>SW-44/DR | SW-28/DL<br>SW-34/DL<br>SW-44/DL |

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 24V DC

|                      |           |   |   |      |        |          |
|----------------------|-----------|---|---|------|--------|----------|
| SLD-28/CBS/SP/24V DC | 922028021 | - | - | 1,2W | 120 lm | 770 gr.  |
| SLD-34/CBS/SP/24V DC | 922034020 | - | - | 1,5W | 150 lm | 1238 gr. |
| SLD-44/CBS/SP/24V DC | 922044013 | - | - | 1,5W | 150 lm | 1808 gr. |
| SLD-28/CBS/DZ/24V DC | 922028022 | - | - | 1,2W | 120 lm | 770 gr.  |
| SLD-34/CBS/DZ/24V DC | 922034021 | - | - | 1,5W | 150 lm | 1238 gr. |
| SLD-44/CBS/DZ/24V DC | 922044014 | - | - | 1,5W | 150 lm | 1808 gr. |

## ACCESSORY

| Code   | Description |                                    |
|--------|-------------|------------------------------------|
| A-3018 | 980330180   | Suspended ceiling mounting springs |



10,9 gr.



# CBS 24V ACDC WEATHER LIGHT

IP65 26m IK08



|              |              |              |
|--------------|--------------|--------------|
|              |              |              |
| S-93593/S65L | S-93593/S65R | S-93593/S65D |

| Type | Code | Battery | Duration | Consumption | Light output<br>(Mains / Emergency) | Gross weight |
|------|------|---------|----------|-------------|-------------------------------------|--------------|
|------|------|---------|----------|-------------|-------------------------------------|--------------|

## LED EMERGENCY LUMINARIES, WATERPROOF, CBS 24V ACDC

|                     |           |   |   |            |        |         |
|---------------------|-----------|---|---|------------|--------|---------|
| GR-926/15L/24V ACDC | 923926011 | - | - | 1,2W/1,3VA | 125 lm | 835 gr. |
| GR-926/30L/24V ACDC | 923926012 | - | - | 2,1W/2,2VA | 250 lm | 835 gr. |

The packaging contains 12pcs.



## ACCESSORIES

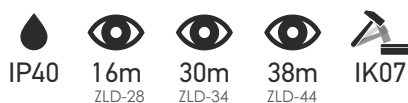
| Code   | Description |                                |
|--------|-------------|--------------------------------|
| A-1017 | 927101700   | Plastic double sided diffuser  |
| A-9000 | 927900001   | Ceiling bracket for GR-9xx/xxL |

538 gr.

879 gr.



# CBS 24V ACDC ECO LIGHT



SW-28/L SW-34/L SW-44/L  
SW-28/R SW-34/R SW-44/R  
SW-28/DR SW-34/DR SW-44/DR  
SW-28/DL SW-34/DL SW-44/DL

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 24V ACDC

|                        |           |   |   |              |        |          |
|------------------------|-----------|---|---|--------------|--------|----------|
| ZLD-28/CBS/24V ACDC/EM | 922502864 | - | - | 1,4W/1,55VA  | 150 lm | 880 gr.  |
| ZLD-34/CBS/24V ACDC/EM | 922503469 | - | - | 1,6W/1,75VA  | 175 lm | 1251 gr. |
| ZLD-44/CBS/24V ACDC/EM | 922504460 | - | - | 1,85W/2,05VA | 200 lm | 1786 gr. |



## ACCESSORIES (UPON DEMAND)

|           | Code      | Description                                              | Gross weight |
|-----------|-----------|----------------------------------------------------------|--------------|
| A-1018/PL | 927101801 | Recess mounting base                                     | 159 gr.      |
| A-1020/PL | 927102001 | Recess mounting base                                     | 180 gr.      |
| A-1130    | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 378 gr.      |
| A-1131    | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132    | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133    | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr     |
| A-1134    | 927311340 | Accessory for wall mounting (silver)                     | 111 gr.      |



# CBS 24V ACDC LOUNGE LIGHT



SW-28/L SW-34/L SW-44/L  
SW-28/R SW-34/R SW-44/R  
SW-28/DR SW-34/DR SW-44/DR  
SW-28/DL SW-34/DL SW-44/DL

| Type | Code | Battery | Duration | Consumption | Light output |
|------|------|---------|----------|-------------|--------------|
|------|------|---------|----------|-------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 24V ACDC

|                        |           |   |   |            |        |
|------------------------|-----------|---|---|------------|--------|
| SLD-28/CBS/SP/24V ACDC | 922028017 | - | - | 1,2W/1,6VA | 120 lm |
| SLD-34/CBS/SP/24V ACDC | 922034016 | - | - | 1,5W/2VA   | 150 lm |
| SLD-44/CBS/SP/24V ACDC | 922044010 | - | - | 1,5W/2VA   | 150 lm |
| SLD-28/CBS/DZ/24V ACDC | 922028016 | - | - | 1,2W/1,6VA | 120 lm |
| SLD-34/CBS/DZ/24V ACDC | 922034015 | - | - | 1,5W/2VA   | 150 lm |
| SLD-44/CBS/DZ/24V ACDC | 922044009 | - | - | 1,5W/2VA   | 150 lm |

## ACCESSORY

|        | Code      | Description                        | Gross weight |
|--------|-----------|------------------------------------|--------------|
| A-3018 | 980330180 | Suspended ceiling mounting springs | 10,9 gr.     |



# CONVENTIONAL CBS 230V AC CENTRAL BATTERY SYSTEM



IP21

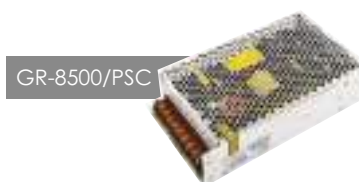
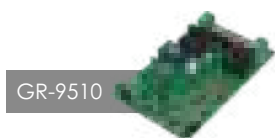


\*They have BSI certification

| Type                         | Code      | Description                                                       | Gross weight |
|------------------------------|-----------|-------------------------------------------------------------------|--------------|
| <b>300W / 230V AC PANELS</b> |           |                                                                   |              |
| GR-9500/300/4*               | 923950002 | 4 lighting circuits panel. Requires 2 batteries 12V/33Ah (A-1200) | 20500 gr.    |
| GR-9500/300/8*               | 923950004 | 8 lighting circuits panel. Requires 2 batteries 12V/33Ah (A-1200) | 20900 gr.    |

## 600VA/1h or 200VA/3h / 230V AC PANELS

|                |           |                                                                   |           |
|----------------|-----------|-------------------------------------------------------------------|-----------|
| GR-9500/600/8* | 923950003 | 8 lighting circuits panel. Requires 2 batteries 12V/55Ah (A-1202) | 22500 gr. |
|----------------|-----------|-------------------------------------------------------------------|-----------|



## PERIPHERALS UPON DEMAND

|         |           |                                                        |         |
|---------|-----------|--------------------------------------------------------|---------|
| GR-9510 | 923951000 | 4 zone lighting circuit extension card 230V / 300 Watt | 458 gr. |
| GR-8530 | 923853000 | Network card through ETHERNET                          | 32 gr.  |

## ACCESSORY

| Type        | Code      | Description                                                 | Gross weight |
|-------------|-----------|-------------------------------------------------------------|--------------|
| GR-8500/PSC | 808385003 | Spare power supply for charging (GR-8500, GR-8600, GR-9500) | 1131 gr.     |



# CBS 230V AC SLIM LEDs LIGHT



IP40 18m



S-2000/S65L



S-2000/S65R



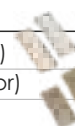
S-2000/S65D

| Type                                      | Code      | Battery | Duration | Consumption  | Light output | Gross weight |
|-------------------------------------------|-----------|---------|----------|--------------|--------------|--------------|
| <b>LED EMERGENCY LUMINARY CBS 230V AC</b> |           |         |          |              |              |              |
| GR-2000/CBS                               | 923200004 | -       | -        | 1,55W/1,78VA | 125 lm       | 350 gr.      |

The packaging contains 12pcs.

## ACCESSORIES

| Type     | Code      | Description                                                   | Gross weight |
|----------|-----------|---------------------------------------------------------------|--------------|
| A-2000/W | 927200000 | Set left - right decorative covers for GR-2000 (white color)  | 16 gr.       |
| A-2000/B | 927200001 | Set left - right decorative covers for GR-2000 (bronze color) | 16,5 gr.     |







# CBS 230V AC EASY LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI certification



S-31101/S65L



S-31101/S65R



S-31101/S65D

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED EMERGENCY LUMINARIES CBS 230V AC

|               |           |   |   |            |        |           |
|---------------|-----------|---|---|------------|--------|-----------|
| GR-324/4P/A   | 923324013 | - | - | 5,3W/5,4VA | 460 lm | 725,5 gr. |
| GR-325/6P/A   | 923325006 | - | - | 6,7W/7VA   | 580 lm | 725,5 gr. |
| GR-324/15L/A* | 923324014 | - | - | 1,5W/1,9VA | 125 lm | 731 gr.   |
| GR-324/30L/A* | 923324015 | - | - | 2,8W/3,1VA | 250 lm | 731 gr.   |

The packaging contains 15pcs.



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# CBS 230V AC EASY LIGHT



KM640081  
BS EN 60598-2-22

\*They have BSI certification



S-13100/S65L



S-13100/S65R



S-13100/S65D

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED EMERGENCY LUMINARIES CBS 230V AC

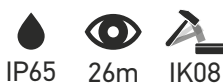
|             |           |   |   |            |        |         |
|-------------|-----------|---|---|------------|--------|---------|
| GR-1324/15L | 923132400 | - | - | 1,5W/1,9VA | 125 lm | 713 gr. |
| GR-1324/30L | 923132401 | - | - | 2,8W/3,1VA | 250 lm | 713 gr. |



| ACCESSORIES  | Code      | Description                                                    | Gross weight |
|--------------|-----------|----------------------------------------------------------------|--------------|
| A-3018       | 980330180 | Suspended ceiling mounting springs                             | 10,9 gr.     |
| SP-116       | 922116000 | Double sided PVC 6mm marking panel                             | 294 gr.      |
| SP-116/P/R/L | 922116001 | Double sided Plexiglass 4mm marking panel right-left direction | 434 gr.      |
| SP-116/P/D   | 922116002 | Double sided Plexiglass 4mm marking panel down direction       | 434 gr.      |



# CBS 230V AC WEATHER LIGHT



S-93593/S65L



S-93593/S65R



S-93593/S65D

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED EMERGENCY LUMINARIES CBS 230V AC

|            |           |   |   |            |        |         |
|------------|-----------|---|---|------------|--------|---------|
| GR-926/4P  | 923926005 | - | - | 5,8W/6,9VA | 460 lm | 834 gr. |
| GR-926/6P  | 923926006 | - | - | 6,5W/6,9VA | 580 lm | 834 gr. |
| GR-926/15L | 923926007 | - | - | 1,75W/2VA  | 125 lm | 863 gr. |
| GR-926/30L | 923926008 | - | - | 2,9W/3,2VA | 250 lm | 863 gr. |

The packaging contains 12pcs.



| ACCESSORIES | Code      | Description                    | Gross weight |
|-------------|-----------|--------------------------------|--------------|
| A-1017      | 927101700 | Plastic double sided diffuser  | 538 gr.      |
| A-9000      | 927900001 | Ceiling bracket for GR-9xx/xxL | 879 gr.      |



# CBS 230V AC WEATHER LIGHT



KM640081  
BS EN 60598-2-22



S-1938/S65L



S-1938/S65R



S-1938/S65D

\*They have BSI certifications

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED EMERGENCY LUMINARIES CBS 230V AC

|              |           |   |   |            |        |         |
|--------------|-----------|---|---|------------|--------|---------|
| GR-1926/15L* | 923192600 | - | - | 1,5W/1,9VA | 125 lm | 653 gr. |
| GR-1926/30L* | 923192601 | - | - | 2,8W/3,1VA | 250 lm | 653 gr. |
| GR-1926/4P   | 923192610 | - | - | 5,3W/5,4VA | 460 lm | 659 gr. |
| GR-1926/6P   | 923192611 | - | - | 6,3W/7VA   | 580 lm | 659 gr. |

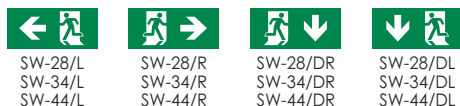
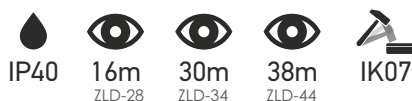
The packaging contains 12pcs.



| ACCESSORIES | Code      | Description                   | Gross weight |
|-------------|-----------|-------------------------------|--------------|
| A-9100      | 927910001 | Plastic double sided diffuser | 513,50 gr.   |
| A-1900      | 927190000 | Test card                     | 24,50 gr.    |



# CBS 230V AC ECO LIGHT



| Type                                                       | Code      | Battery | Duration | Consumption | Light output | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|-------------|--------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |             |              |              |
| ZLD-28/CBS/EM*                                             | 922502863 | -       | -        | 1,9W/2,1VA  | 150 lm       | 985 gr.      |
| ZLD-34/CBS/EM*                                             | 922503468 | -       | -        | 2,2W/2,42VA | 175 lm       | 1380 gr.     |
| ZLD-44/CBS/EM                                              | 922504459 | -       | -        | 2,6W/2,86VA | 200 lm       | 1910 gr.     |



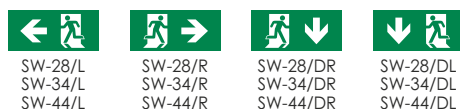
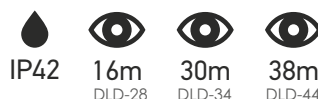
## ACCESSORIES

(UPON DEMAND)

|           | Code      | Description                                              | Gross weight |
|-----------|-----------|----------------------------------------------------------|--------------|
| A-1018/PL | 927101801 | Recess mounting base                                     | 159 gr.      |
| A-1020/PL | 927102001 | Recess mounting base                                     | 180 gr.      |
| A-1130    | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131    | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132    | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133    | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr.    |
| A-1134    | 927311340 | Accessory for wall mounting (silver)                     | 111 gr.      |



# CBS 230V AC ECO LIGHT



| Type                                                       | Code      | Battery | Duration | Consumption | Light output | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|-------------|--------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |             |              |              |
| DLD-28/CBS/w                                               | 922202870 | -       | -        | 1,5W/4,5VA  | 100 lm       | 643 gr.      |
| DLD-34/CBS/w                                               | 922603401 | -       | -        | 1,5W/4,5VA  | 125 lm       | 1000 gr.     |
| DLD-44/CBS/w                                               | 922604410 | -       | -        | 1,5W/4,5VA  | 125 lm       | 1620 gr.     |

## ACCESSORIES

(UPON DEMAND)

|           | Code      | Description                                               | Gross weight |
|-----------|-----------|-----------------------------------------------------------|--------------|
| A-1018/PL | 927101801 | Recess mounting base                                      | 159 gr.      |
| A-1020/PL | 927102001 | Recess mounting base                                      | 180 gr.      |
| A-1133    | 927311330 | Accessory for vertical wall mounting (silver) (MLD-28-34) | 106,5 gr.    |



# CBS 230V AC LOUNGE LIGHT



IP30  
16m  
SLD-28

30m  
SLD-34

38m  
SLD-44



|                               |                               |                                  |                                  |
|-------------------------------|-------------------------------|----------------------------------|----------------------------------|
|                               |                               |                                  |                                  |
| SW-28/L<br>SW-34/L<br>SW-44/L | SW-28/R<br>SW-34/R<br>SW-44/R | SW-28/DR<br>SW-34/DR<br>SW-44/DR | SW-28/DL<br>SW-34/DL<br>SW-44/DL |

| Type                                                       | Code      | Battery | Duration | Consumption  | Light output | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|--------------|--------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |              |              |              |
| SLD-28/CBS/SP                                              | 922028009 | -       | -        | 1,35W/1,60VA | 100 lm       | 930 gr.      |
| SLD-34/CBS/SP                                              | 922034010 | -       | -        | 1,65W/1,9VA  | 125 lm       | 1260 gr.     |
| SLD-44/CBS/SP                                              | 922044007 | -       | -        | 1,65W/1,9VA  | 125 lm       | 1970 gr.     |
| SLD-28/CBS/DZ                                              | 922028003 | -       | -        | 1,35W/1,60VA | 100 lm       | 930 gr.      |
| SLD-34/CBS/DZ                                              | 922034004 | -       | -        | 1,65W/1,9VA  | 125 lm       | 1260 gr.     |
| SLD-44/CBS/DZ                                              | 922044003 | -       | -        | 1,65W/1,9VA  | 125 lm       | 1970 gr.     |

| ACCESSORY | Code      | Description                        |  |          |
|-----------|-----------|------------------------------------|--|----------|
| A-3018    | 980330180 | Suspended ceiling mounting springs |  | 10,9 gr. |



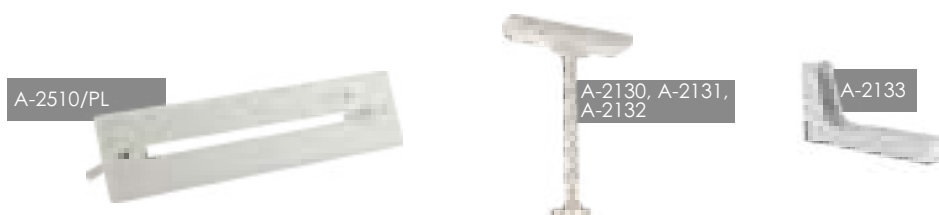
# CBS 230V AC LOUNGE LIGHT

IP44  
26m  
IK09



|         |         |          |          |
|---------|---------|----------|----------|
|         |         |          |          |
| SW-25/L | SW-25/R | SW-25/DR | SW-25/DL |

| Type                                                       | Code      | Battery | Duration | Consumption | Light output | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|-------------|--------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |             |              |              |
| PLD-25/CBS                                                 | 922502504 | -       | -        | 1,6W/1,8 VA | 100 lm       | 885 gr.      |



| ACCESSORIES<br>UPON DEMAND | Code      | Description                                             | Gross weight |
|----------------------------|-----------|---------------------------------------------------------|--------------|
| A-2510/PL                  | 927251001 | Recess mounting base                                    | 169 gr.      |
| A-2130                     | 927321300 | Set of accessories (1m) for ceiling mounting (white)    | 375 gr.      |
| A-2131                     | 927321310 | Set of accessories (0,5m) for ceiling mounting (white)  | 280gr.       |
| A-2132                     | 927321320 | Set of accessories (0,25m) for ceiling mounting (white) | 139 gr.      |
| A-2133                     | 927321330 | Accessory for vertical wall mounting (white)            | 108 gr.      |



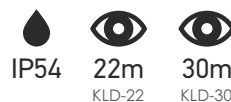
# CBS 230V AC ECO LIGHT



SW-20/L SW-20/R SW-20/DR SW-20/DL

The packaging includes pictograms for all the above directions

| Type                                                       | Code      | Battery | Duration | Consumption | Light output | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|-------------|--------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |             |              |              |
| KLR-20/CBS                                                 | 922502053 | -       | -        | 1,3W/1,7VA  | 100 lm       | 680 gr.      |



SW-22/L SW-22/R SW-22/DR SW-22/DL SW-31/L SW-31/R SW-31/DR SW-31/DL

The packaging includes pictograms for all the above directions

| Type                                                       | Code      | Battery | Duration | Consumption | Light output | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|-------------|--------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |             |              |              |
| KLD-22/CBS                                                 | 922502203 | -       | -        | 1,3W/1,7VA  | 100 lm       | 914 gr.      |
| KLD-30/CBS                                                 | 922503053 | -       | -        | 1,3W/1,7VA  | 100 lm       | 1165 gr.     |



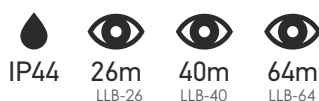
## ACCESSORIES

(UPON DEMAND)

| Code      | Description                                                             | Gross weight |
|-----------|-------------------------------------------------------------------------|--------------|
| A-2130    | Set of accessories (1m) for ceiling mounting (1m) white                 | 375 gr.      |
| A-2131    | Set of accessories (0,5m) for ceiling mounting (0,5m) white             | 280 gr.      |
| A-2132    | Set of accessories (0,25m) for ceiling mounting (0,25m) white           | 139 gr.      |
| A-2133    | Accessory for vertical wall mounting (white)                            | 108 gr.      |
| A-2136    | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |
| A-2520/PL | Suspended ceiling base for luminary KLD-xx/CBS                          | 165 gr.      |



# CBS 230V AC LED LIGHT BOX



S65/L

S65/R

S65/DR

S65/DL

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC

|            |           |   |   |            |        |          |
|------------|-----------|---|---|------------|--------|----------|
| LLB-26/CBS | 923026006 | - | - | 2,3W/2,8VA | 255 lm | 963 gr.  |
| LLB-40/CBS | 923040005 | - | - | 3,4W/3,8VA | 410 lm | 1644 gr. |
| LLB-64/CBS | 923064005 | - | - | 5,8W/6,2VA | 670 lm | 2917 gr. |

LLB-XX/○ All the above models can be manufactured as one sided luminaires with aluminum backplate

A-1130, A-1131,  
A-1132

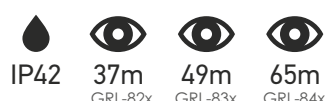
A-1135

A-1136

| ACCESSORIES | Code      | Description                                                             | Gross weight |
|-------------|-----------|-------------------------------------------------------------------------|--------------|
| A-1130      | 927311300 | Set of accessories (1m) for ceiling mounting (silver)                   | 375 gr.      |
| A-1131      | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)                 | 280 gr.      |
| A-1132      | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver)                | 139 gr.      |
| A-1135      | 927311350 | Accessory for vertical wall mounting                                    | 204 gr.      |
| A-1136      | 927311360 | Accessory set for ceiling mounted hanging installations with 2,5m cable | 164 gr.      |



# CBS 230V AC PROJECT LIGHT



S65/L

S65/R

S65/DR

S65/DL

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC DOUBLE SIDED

|            |           |   |   |            |        |          |
|------------|-----------|---|---|------------|--------|----------|
| GRL-860/EM | 923860302 | - | - | 5,4W/5,7VA | 510 lm | 1388 gr. |
| GRL-870/EM | 923870103 | - | - | 6,2W/7,4VA | 680 lm | 1955 gr. |
| GRL-880/EM | 923880103 | - | - | 8,8W/9,1VA | 850 lm | 2565 gr. |

GRL-XXX/EM/○ All the above models can be manufactured as single sided luminaires with an aluminum backplate

A-1130, A-1131,  
A-1132

A-1133

A-1134

| ACCESSORIES | Code      | Description                                              | Gross weight |
|-------------|-----------|----------------------------------------------------------|--------------|
| A-1130      | 927311300 | Set of accessories (1m) for ceiling mounting (silver)    | 375 gr.      |
| A-1131      | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)  | 280 gr.      |
| A-1132      | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver) | 139 gr.      |
| A-1133      | 927311330 | Accessory for vertical wall mounting (silver)            | 106,5 gr.    |
| A-1134      | 927311340 | Accessory for wall mounting                              | 111 gr.      |



GR-75x/ST/LP



GR-75X/CBS/xx/HP

## CBS 230V AC BAU LIGHT

IP54 17m 15m



GR-75x/ST/LP/xx



S-73600/L  
S-73601/L



S-73600/R  
S-73601/R



S-73600/D  
S-73601/D



S-73600/U

GR-75x/ST/HP/xx



S-75000/L



S-75000/R



S-75000/D

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

### LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC

|                  |           |   |   |            |        |         |
|------------------|-----------|---|---|------------|--------|---------|
| GR-750/CBS/HP/LL | 923750002 | - | - | 2W/2,3VA   | 190 lm | 771 gr. |
| GR-751/CBS/LP/LL | 923751001 | - | - | 2W/2,3VA   | 190 lm | 722 gr. |
| GR-752/CBS/HP/HL | 923752001 | - | - | 3,3W/3,6VA | 350 lm | 771 gr. |
| GR-753/CBS/LP/HL | 923753001 | - | - | 3,3W/3,6VA | 350 lm | 722 gr. |

The packaging contains 12pcs.



## CBS 230V AC SPOT LIGHT

IP40



| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

### LED EMERGENCY LUMINARIES, CEILING MOUNTED CBS 230V AC

|                |           |   |   |            |       |         |
|----------------|-----------|---|---|------------|-------|---------|
| GR-296/30L/CBS | 923296000 | - | - | 2,9W/3,3VA | 255lm | 340 gr. |
| GR-296/60L/CBS | 923296001 | - | - | 5,2W/5,6VA | 510lm | 340 gr. |



GR-281



GR-280

## CBS 230V AC SPOT LIGHT

IP40 IK08



KM640081  
BS EN 60598-2-22



\*They have BSI certification

| Type | Code | Battery | Duration | Consumption | Light output | Gross weight |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

### LED EMERGENCY LUMINARIES, CEILING MOUNTED CBS 230V AC

|        |           |   |   |          |        |               |         |
|--------|-----------|---|---|----------|--------|---------------|---------|
| GR-281 | 923281000 | - | - | 2,6W/3VA | 270 lm | Open spaces   | 333 gr. |
| GR-280 | 923280000 | - | - | 2,6W/3VA | 270 lm | Escape routes | 333 gr. |





# CBS 230V AC TETRAGONO LIGHT



IP65 IP42

| Type | Code | Battery | Duration | Consumption | Light output | Installation |
|------|------|---------|----------|-------------|--------------|--------------|
|------|------|---------|----------|-------------|--------------|--------------|

## LED EMERGENCY LUMINARIES, CEILING MOUNTED CBS 230V AC

|               |           |   |   |          |       |               |
|---------------|-----------|---|---|----------|-------|---------------|
| GR-480/CBS/WP | 923480000 | - | - | 3,2W/4VA | 270lm | Escape routes |
| GR-481/CBS/WP | 923481000 | - | - | 3,2W/4VA | 270lm | Open areas    |
| GR-480/CBS    | 923480001 | - | - | 3,2W/4VA | 270lm | Escape routes |
| GR-481/CBS    | 923481001 | - | - | 3,2W/4VA | 270lm | Open areas    |

The packaging contains 12pcs.



# CBS 230V AC ANTIEXPLOSIVE LED LIGHT

IP66



Ex db IIC T6 Gb  
Ex tb IIIC T85 Db



S-93593/S65L



S-93593/S65R



S-93593/S65D

| Type | Code | Battery | Consumption | Diffuser | Light output | Gross weight |
|------|------|---------|-------------|----------|--------------|--------------|
|------|------|---------|-------------|----------|--------------|--------------|

## LED EMERGENCY LUMINARIES CBS 230V AC / POLYCARBONATE DIFFUSER

|         |           |   |         |   |               |        |            |
|---------|-----------|---|---------|---|---------------|--------|------------|
| PSL1100 | 923411100 | - | < 65mA  | - | polycarbonate | 1200lm | 4.300 gr.  |
| PSL1200 | 923411200 | - | < 100mA | - | polycarbonate | 2200lm | 4.400 gr.  |
| PSL2200 | 923412200 | - | < 100mA | - | polycarbonate | 2500lm | 5.500 gr.  |
| PSL2400 | 923412400 | - | < 180mA | - | polycarbonate | 4200lm | 5.600 gr.  |
| PSL3400 | 923413400 | - | < 180mA | - | polycarbonate | 4900lm | 10.300 gr. |

NPT34



A-FSA



## ACCESSORIES

INCLUDED

| IN PACKAGE | Code      | Description     | Gross weight |
|------------|-----------|-----------------|--------------|
| NPT34      | 751500102 | Sealing grommet | 105,5 gr.    |
| A-FSA      | 808700069 | Mounting base   | 156,5 gr.    |



## CBS 230V AC 3D LIGHT


  
 IP40 50m



| Type                                                       | Code      | Battery | Duration | Consumption | Light output | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|-------------|--------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |             |              |              |
| GR-424/4P                                                  | 923424001 | -       | -        | 5,1W/5,4VA  | 460 lm       | 3170 gr.     |



## CBS 230V AC TUNNEL LIGHT


  
 IP65 78m



| Type                                                       | Code      | Battery | Duration | Consumption  | Light output       | Gross weight |
|------------------------------------------------------------|-----------|---------|----------|--------------|--------------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |              |                    |              |
| GR-575/L/WP                                                | 923575100 | -       | -        | 2x6,4W/6,8VA | 1360 lm (2x680 lm) | 10567 gr.    |



## CBS 230V AC TUNNEL LIGHT



  
 IP65      95m      125m  
GR-57x/L/15      GR-57x/L/18



| Type                                                       | Code      | Battery | Duration | Consumption | Light output |
|------------------------------------------------------------|-----------|---------|----------|-------------|--------------|
| <b>LED INTERNALLY ILLUMINATED SAFETY SIGNS CBS 230V AC</b> |           |         |          |             |              |
| GR-576/L/15/WP                                             | 923576100 | -       | -        | 7,2W/7,6VA  | 680 lm       |
| GR-576/L/15/WP/O                                           | 923576102 | -       | -        | 7,2W/7,6VA  | 680 lm       |
| GR-576/L/18/WP                                             | 923576101 | -       | -        | 8,2W/8,7VA  | 850 lm       |
| GR-576/L/18/WP/O                                           | 923576103 | -       | -        | 8,2W/8,7VA  | 850 lm       |

**GR-57X/XW/WP/B** All the above models can be manufactured with xenon red beacon on top

# FIRE DETECTION





## FIRE SYSTEM



IP30



| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### FIRE DETECTION PANELS WITH 2, 4 & 6 ZONES

|         |           |                             |            |
|---------|-----------|-----------------------------|------------|
| BS-1632 | 921163200 | 2 zone fire detection panel | 1514,5 gr. |
| BS-1634 | 921163400 | 4 zone fire detection panel | 1518 gr.   |
| BS-1636 | 921163600 | 6 zone fire detection panel | 1525 gr.   |

\*Requires 2 batteries A-920 12V/2,6Ah



A-632

### WALL MOUNTING BASE

| Type  | Code      | Description                                                      | Gross Weight |
|-------|-----------|------------------------------------------------------------------|--------------|
| A-632 | 980163200 | Metallic recess wall mounting base for BS-1632, BS-1634, BS-1636 | 2070 gr.     |



## FIRE SYSTEM

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### FIRE DETECTION SET

|                                                                                                                                                                                                                                                                                                                      |           |                                |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------|------------|
| BS-1619                                                                                                                                                                                                                                                                                                              | 921161900 | Fire detection accessories set | 4366,5 gr. |
| Contains:                                                                                                                                                                                                                                                                                                            |           |                                |            |
| <ul style="list-style-type: none"> <li>➤ BS-1632 conventional fire detection control panel.</li> <li>➤ x2 A-920 batteries 12V/2.6Ah for the panel.</li> <li>➤ BS-655 smoke detector.</li> <li>➤ BS-660 heat of rise detector.</li> <li>➤ BS-536 manual call point.</li> <li>➤ BS-531/1 siren with beacon.</li> </ul> |           |                                |            |



## FIRE SYSTEM



IP30

**EVPU**

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### FIRE DETECTION PANELS WITH 8, 12, & 16 ZONES

|         |           |                                               |          |
|---------|-----------|-----------------------------------------------|----------|
| BS-1638 | 921163800 | 8 zone fire detection panel with LCD display  | 4509 gr. |
| BS-1642 | 921164200 | 12 zone fire detection panel with LCD display | 4545 gr. |
| BS-1646 | 921164600 | 16 zone fire detection panel with LCD display | 4596 gr. |

\*Requires 2 batteries A-986 12V/7Ah

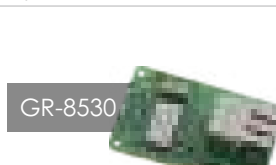
| ACCESSORIES | Code      | Description                                           |
|-------------|-----------|-------------------------------------------------------|
| BS-1640     | 921164001 | 4 zones extension card for BS-1638                    |
| BS-1641     | 921164100 | 4 zones extension card for BS-1642                    |
| GR-8530     | 923853000 | Network card through ETHERNET                         |
| BS-613      | 921613000 | Card with 4 zone relays for BS-1638, BS-1642, BS-1646 |



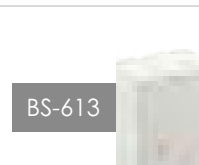
BS-1640



BS-1641



GR-8530



BS-613



## FIRE EXTINGUISHING PANELS & ACCESSORIES



IP40



| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### FIRE EXTINGUISHING PANEL

|          |           |                                                              |          |
|----------|-----------|--------------------------------------------------------------|----------|
| BS-627 * | 921627000 | 4 zones fire extinguishing panel,<br>1 extinguishing command | 4530 gr. |
|----------|-----------|--------------------------------------------------------------|----------|

\* Two batteries A-986 12V/7Ah are required for the 72h of autonomy.

\* One battery A-986 12V/7Ah is required for the 48h of autonomy.



BS-637



\*BS-533



\*BS-534



BOX-534

### FIRE EXTINGUISHING ACCESSORIES

|         |           |                                                                | Gross Weight |
|---------|-----------|----------------------------------------------------------------|--------------|
| BS-637  | 921637000 | Waterproof driving unit for aerosol fire extinguishing systems | 211,5 gr.    |
| BS-533  | 921533000 | Extinguishing call point                                       | 212,5 gr.    |
| BS-534  | 921534000 | Extinguishing call point with cancelling key                   | 229,5 gr.    |
| BOX-534 | 927534000 | Panic button waterproofing case                                | 653 gr.      |
| A-533   | 927533000 | Panic button protective cover                                  | 26 gr.       |



## CONVENTIONAL FIRE ALARM CALL POINTS, DETECTORS & SIRENS



| Type     | Code      | Description                       | Consumption | Gross Weight |
|----------|-----------|-----------------------------------|-------------|--------------|
| BS-655*  | 921655000 | Optical smoke detector with base  | 50μA        | 195,5 gr.    |
| BS-657** | 921657000 | Smoke and heat detector with base | 50μA        | 196 gr.      |
| BS-660*  | 921660000 | Heat of rise detector with base   | 50μA        | 177 gr.      |

\*Certification LPCB, \*\*Certification HEEQAC

The packaging contains 54pcs.



BASE-6024



BASE-196/N

|            |           |                                                                |  |           |
|------------|-----------|----------------------------------------------------------------|--|-----------|
| BASE-6024  | 927600001 | Base with relay 24V for BS-655, BS-660, BS-657                 |  | 125,5 gr. |
| BASE-196/N | 921196000 | Waterproofing box for fire alarm sensor base with cable glands |  | 160 gr.   |

The packaging for BASE-6024 contains 54pcs.



## HEAT OF RISE DETECTOR



IP65



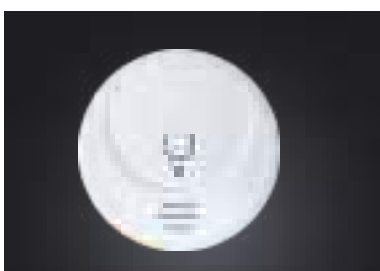
| Type   | Code      | Description                      | Consumption                       | Gross Weight |
|--------|-----------|----------------------------------|-----------------------------------|--------------|
| BS-661 | 921661000 | Waterproof heat of rise detector | 18mA without LED<br>28mA with LED | 227,5 gr.    |

The packaging contains 30pcs.



## AUTONOMOUS FIRE DETECTION DEVICE

| Type   | Code      | Description                           | Gross Weight |
|--------|-----------|---------------------------------------|--------------|
| BS-506 | 921506000 | Autonomous heat detector with battery | 185 gr.      |



## AUTONOMOUS FIRE DETECTION DEVICE

| Type    | Code      | Description                                       | Consumption | Gross Weight |
|---------|-----------|---------------------------------------------------|-------------|--------------|
| GS-506* | 980093000 | Autonomous heat detector with alkaline battery 9V |             | 180,5 gr.    |

\*Trade product

The packaging contains 30pcs.



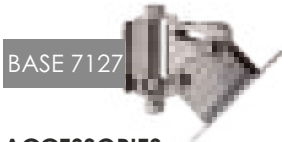




## WATERPROOF FLAME SENSOR



| Type      | Code      | Description                            |
|-----------|-----------|----------------------------------------|
| BS-16581* | 980116581 | Waterproof flame sensor (without base) |



### ACCESSORIES

|            |           |                                |
|------------|-----------|--------------------------------|
| BASE 7127* | 980171270 | Metallic base for flame detect |
|------------|-----------|--------------------------------|

\*Trade product



## CONVENTIONAL CALL POINTS



| Type   | Code      | Description                           | Gross Weight |
|--------|-----------|---------------------------------------|--------------|
| BS-536 | 921536000 | Manual call point with TEST-RESET key | 211 gr.      |

The packaging contains 54pcs.

| ACCESSORIES | Code      | Description                    | Gross Weight |
|-------------|-----------|--------------------------------|--------------|
| A-533       | 927533000 | Protective diffuser for BS-536 | 23,5 gr.     |
| A-536       | 927536000 | Recess wall mounting base      | 146 gr.      |



## MANUAL CALL POINT WITH WATERPROOF CASE IP65



| Type                | Code      | Description                              | Gross Weight |
|---------------------|-----------|------------------------------------------|--------------|
| KIT BS-536/WHCP-BBR | 921536103 | Manual call point with waterproof casing | 688,5 gr.    |



## SIRENS FOR FIRE ALARM PANELS

IP42 C IP65

\*EVPU



| Type          | Code      | Description                   | Operation Voltage | Maximum Consumption | Gross Weight |
|---------------|-----------|-------------------------------|-------------------|---------------------|--------------|
| BS-530/1**    | 921530004 | Siren, 94dB, IP 42 C          | 21-28V DC         | 1,2 W               | 294 gr.      |
| BS-531        | 921531000 | Siren, 88dB, IP 42 C          | 21-28V DC         | 40mA                | 287,5 gr     |
| BS-530/1/WP** | 921530005 | Siren, 94dB, waterproof IP 65 | 21-28V DC         | 1,2 W               | 299,5 gr.    |

\*Certification EVPU  
\*\*Certification HEEQAC

The packaging contains 15pcs.



## SIRENS WITH BEACON FOR FIRE ALARM PANELS

IP42 IP65



| Type        | Code      | Description             | Operation Voltage | Maximum Consumption | Gross Weight |
|-------------|-----------|-------------------------|-------------------|---------------------|--------------|
| BS-531/1    | 921531007 | Siren with beacon IP 42 | 21-28V DC         | 1,2W                | 321 gr.      |
| BS-531/1/WP | 921531008 | Waterproof IP 65 siren  | 21-28V DC         | 1,2W                | 325 gr.      |

The packaging contains 15pcs.



## WALL MOUNTED SOUNDER & VISUAL ALARM



| Type        | Code      | Description                                                                      | Gross Weight |
|-------------|-----------|----------------------------------------------------------------------------------|--------------|
| CWS 100-AV* | 980153100 | Wall mounted sounder & visual alarm device, 24V, 100dB according to EN-54-23 24V | 377,5 gr.    |

\*Trade product



## REMOTE - ADJUSTED BEAM DETECTORS



IP20



IP55

VdS

| Type    | Code      | Description                                                     | Consumption | Sensibility              | Gross Weight |
|---------|-----------|-----------------------------------------------------------------|-------------|--------------------------|--------------|
| BS-230* | 980123000 | 50m beam detector with controller, detection head and 1 mirror  | 10mA        | 25, 35, 50%, Obscuration | 1600 gr.     |
| BS-232* | 980123200 | Detection head and 1 mirror                                     | 2mA         | 25, 35, 50%, Obscuration | 600 gr.      |
| BS-240* | 980124000 | 100m beam detector with controller, detection head and 1 mirror | 10mA        | 25, 35, 50%, Obscuration | 1900 gr.     |
| BS-242* | 980124200 | Detection head and 4 mirrors                                    | 2mA         | 25, 35, 50%, Obscuration | 928 gr.      |

\*Trade product



## BEAM SMOKE DETECTORS



IP55

VdS

| Type                  | Code      | Description                                                                  | Consumption | Sensibility                  | Gross Weight |
|-----------------------|-----------|------------------------------------------------------------------------------|-------------|------------------------------|--------------|
| FIRERAY ONE+1010-000* | 980121100 | 50 - 120m Beam smoke detector (with mirror) & reflective long range kit 120m | 5mA         | 25, 35, 55, 85%, Obscuration | 2482 gr.     |
| FIRERAY ONE*          | 980125000 | 5 - 50m Beam smoke detector (with mirror)                                    | 5mA         | 25, 35, 55, 85%, Obscuration | 1135,5 gr.   |

\*Trade product



## BEAM SMOKE DETECTORS



IP55

VdS

| Type          | Code      | Description                  | Consumption | Sensibility        | Gross Weight |
|---------------|-----------|------------------------------|-------------|--------------------|--------------|
| FIRERAY 3000* | 980130004 | 5 - 120m Beam smoke detector | 22mA        | 10-60% Obscuration | 1770 gr.     |

\*Trade product



# ANALOGUE ADDRESSABLE FIRE DETECTION SYSTEM



IP30

**EVPÜ**

| Type                                                                  | Code      | Description                                                                       | Gross Weight |
|-----------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------|--------------|
| <b>ANALOGUE ADDRESSABLE FIRE DETECTION CONTROL PANELS 1 TO 4 LOOP</b> |           |                                                                                   |              |
| BSR-1001                                                              | 921100102 | Analogue Addressable fire alarm panel with 1 loop/128 zones (Olympia A Protocol)  | 4080 gr.     |
| BSR-1002                                                              | 921100200 | Analogue Addressable fire alarm panel with 2 loops/128 zones (Olympia A Protocol) | 4210 gr.     |
| BSR-1004                                                              | 921100400 | Analogue Addressable fire alarm panel with 4 loops/128 zones (Olympia A Protocol) | 4330 gr.     |

## ANALOGUE ADDRESSABLE FIRE DETECTION CONTROL PANEL

|          |           |                                     |          |
|----------|-----------|-------------------------------------|----------|
| BSR-1000 | 921100000 | Repeater for BSR-100x series panels | 4060 gr. |
|----------|-----------|-------------------------------------|----------|

## ADDRESSABLE FIRE DETECTION PERIPHERAL DEVICES FOR PANELS BSR-1001/1002/1004

|                 |           |                                                                                         |  |
|-----------------|-----------|-----------------------------------------------------------------------------------------|--|
| BSR-1004/MODBUS | 921100402 | Additional board to support bsr-100x panels status monitoring via MODBUS ASCII protocol |  |
| A-200 PRINTER   | 927200002 | Thermal printer for the BSR-100x addressable panel (includes BSR-1004/Printer board)    |  |
| GR-8530         | 923853000 | Network Ethernet adaptor                                                                |  |

BSR-1004  
MODBUS



A-200



GR-8530





## ADDRESSABLE DETECTORS



IP42

**EVPU**

| Type     | Code      | Description                                                                       | Operation Voltage | Consumption                   | Gross Weight |
|----------|-----------|-----------------------------------------------------------------------------------|-------------------|-------------------------------|--------------|
| BSR-6155 | 921615500 | Addressable optical smoke detector with integrated isolator                       | 11-30V DC         | 2.5mA<br>(with activated LED) | 160 gr.      |
| BSR-6157 | 921615700 | Addressable optical smoke and rate-of-rise heat detector with integrated isolator | 11-30V DC         | 2.5mA<br>(with activated LED) | 160 gr.      |
| BSR-6160 | 921616000 | Addressable rate-of-rise heat detector with integrated isolator                   | 11-30V DC         | 2.5mA<br>(with activated LED) | 145 gr.      |



## ADDRESSABLE TWIN INPUT/OUTPUT UNIT

**EVPU**

| Type     | Code      | Description                                                 | Operation Voltage | Consumption                   | Gross Weight |
|----------|-----------|-------------------------------------------------------------|-------------------|-------------------------------|--------------|
| BSR-8120 | 921812000 | Addressable twin input/output unit with integrated isolator | 11-30V DC         | 2.5mA<br>(with activated LED) | 136 gr.      |



## ADDRESSABLE MANUAL CALL POINT

**EVPU**

| Type     | Code      | Description                                            | Operation Voltage | Consumption                   | Gross Weight |
|----------|-----------|--------------------------------------------------------|-------------------|-------------------------------|--------------|
| BSR-5136 | 921513600 | Addressable manual call point with integrated isolator | 11-30V DC         | 2.5mA<br>(with activated LED) | 185 gr.      |



## ADDRESSABLE SIREN WITH BEACON



IP65

**EVPU**

| Type        | Code      | Description                                                      | Operation Voltage | Consumption                   | Gross Weight |
|-------------|-----------|------------------------------------------------------------------|-------------------|-------------------------------|--------------|
| BSR-5132/WP | 921513201 | Waterproof addressable siren with beacon and integrated isolator | 11-30V DC         | 2.5mA<br>(with activated LED) | 185 gr.      |



# ANALOG ADDRESSABLE FIRE DETECTION SYSTEM



IP30

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## ANALOG ADDRESSABLE FIRE DETECTION CONTROL PANELS 2 TO 4 LOOP

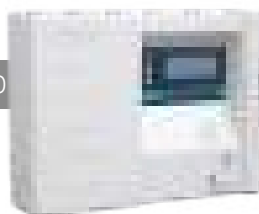
|          |           |                                                   |          |
|----------|-----------|---------------------------------------------------|----------|
| BSR-2104 | 921210400 | Addresable fire detection panel 2 loops/ 96 zones | 9660 gr. |
| BSR-2114 | 921211400 | Addresable fire detection panel 4 loops/ 96 zones | 9901 gr. |

\* Two batteries A-986 12V/7Ah are required or two batteries A-940 12V/7Ah

BSR-2142



BSR-2000



BOX-2100/WP



## ADDRESSABLE FIRE DETECTION PERIPHERAL DEVICES FOR PANELS BSR-21xx

|                |           |                                          |
|----------------|-----------|------------------------------------------|
| BSR-2142       | 921214200 | Thermal printer for BSR-2xxx             |
| BSR-2000*      | 921200001 | Repeat panel for BSR-2xxx                |
| BOX-2100/WP ** | 980210001 | Waterproof metal box for BSR-2xxx panels |

\*\*Trade product

# SOFTWARE FOR CONNECTING FIRE DETECTION PANELS TO B.M.S.

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## SOFTWARE FOR CONNECTING FIRE DETECTION PANELS TO B.M.S.

|          |           |                                                       |
|----------|-----------|-------------------------------------------------------|
| BMS-1001 | 921100101 | Basic software for connection BSR-2xxx with Gateway   |
| BMS-1204 | 921120401 | Software for connection BSR-21xx with BACnet protocol |
| BMS-1202 | 921120201 | Software for connection BSR-21xx with Modbus protocol |
| BMS-1203 | 921120301 | Software for connection BSR-21xx with OPC protocol    |

## GRAPHICAL ENVIRONMENT SOFTWARE FOR FIRE DETECTION SYSTEM MANAGEMENT

|          |           |                                  |
|----------|-----------|----------------------------------|
| CMI-1001 | 921100100 | Visual software monitor BSR-21xx |
| CMI-1202 | 921120200 | Modbus protocol for CMI-1001     |
| CMI-1203 | 921120300 | OPC protocol for CMI-1001        |
| CMI-1204 | 921120400 | BACnet protocol for CMI-1001     |

## DEVICE FOR CONNECTION WITH PC

|         |           |                                        |         |
|---------|-----------|----------------------------------------|---------|
| BMS-485 | 921485100 | Device for connection BSR-21xx with PC | 250 gr. |
|---------|-----------|----------------------------------------|---------|

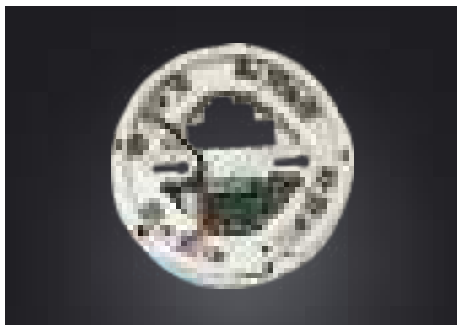


## ADDRESSABLE DETECTORS



| Type         | Code      | Description                         | Operation Voltage | Consumption         | Gross Weight |
|--------------|-----------|-------------------------------------|-------------------|---------------------|--------------|
| BSR-6055/A*  | 921605502 | Optical smoke detector              | 21-28V DC         | 1mA quiescent state | 198,5 gr.    |
| BSR-6057/A** | 921605700 | Optical smoke/heat of rise detector | 21-28V DC         | 1mA quiescent state | 199 gr.      |
| BSR-6060/A*  | 921606002 | Heat of rise detector               | 21-28V DC         | 1mA quiescent state | 178 gr.      |

The packaging contains 54pcs.



## SHORT CIRCUIT LOOP ISOLATOR



| Type       | Code      | Description                               | Operation Voltage | Consumption           | Gross Weight |
|------------|-----------|-------------------------------------------|-------------------|-----------------------|--------------|
| BSR-7071/A | 921707100 | Short circuit loop isolator for detectors | 21-30V DC         | 200mA quiescent state | 167 gr.      |



## ADDRESSABLE I/O UNIT



EN 54-18



| Type     | Code      | Description                   | Operation Voltage | Consumption | Gross Weight |
|----------|-----------|-------------------------------|-------------------|-------------|--------------|
| BSR-8017 | 921801700 | Addressable input-output unit | 21-28V DC         | 1mA         | 164 gr.      |

The packaging contains 36pcs.



## ADDRESSABLE WATERPROOF I/O UNIT



| Type        | Code      | Description           | Operation Voltage | Consumption           | Gross Weight |
|-------------|-----------|-----------------------|-------------------|-----------------------|--------------|
| BSR-8020/WP | 921802002 | Addressable I/O input | 21-28V DC         | 0,7mA quiescent state | 218 gr.      |





## ANALOG ADDRESSABLE MANUAL CALL POINT



IP20

EVPU®



| Type       | Code      | Description               | Operation Voltage | Consumption         | Gross Weight |
|------------|-----------|---------------------------|-------------------|---------------------|--------------|
| BSR-5036/A | 921503602 | Fire detection call point | 21-28V DC         | 1mA quiescent state | 219,5 gr.    |

The packaging contains 54pcs.



## ADDRESSABLE CALL POINT WITH WATERPROOF CASE

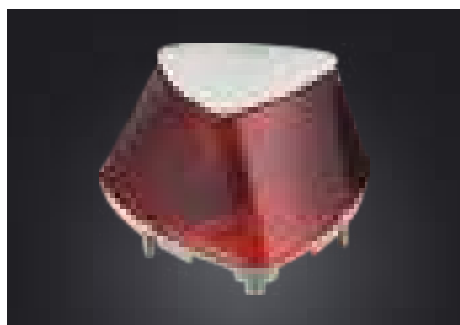


IP65

\* EVPU®



| Type                    | Code      | Description                                          | Gross Weight |
|-------------------------|-----------|------------------------------------------------------|--------------|
| KIT BSR-5036/A/WHCP-BBR | 921503606 | Addressable manual call point with waterproof casing | 688,5 gr.    |



## ADDRESSABLE SIREN



IP42

EN 54-3

EVPU®

| Type     | Code      | Description                         | Operation Voltage | Consumption | Gross Weight |
|----------|-----------|-------------------------------------|-------------------|-------------|--------------|
| BSR-5032 | 921503200 | Addressable siren with beacon, 87dB | 21-28V DC         | 20mA        | 311,5 gr.    |

The packaging contains 15pcs.



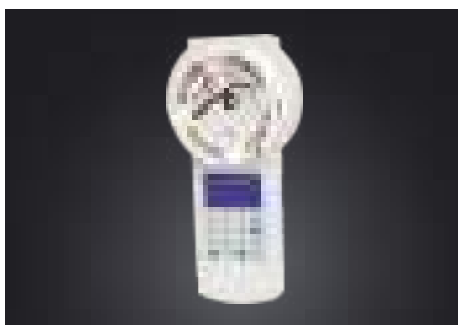
## ADDRESSABLE PERIPHERAL DEVICE



IP40

| Type     | Code      | Description         | Operation Voltage | Consumption       | Gross Weight |
|----------|-----------|---------------------|-------------------|-------------------|--------------|
| BSR-5072 | 921507200 | Remote detector LED | + / - R           | 1mA in alarm mode | 67 gr.       |

The packaging contains 100pcs.



## ADDRESSABLE PERIPHERAL DEVICE



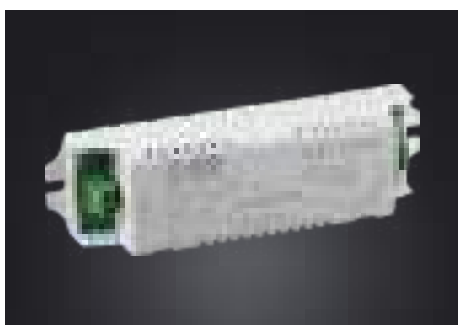
IP20

| Type     | Code      | Description                | Operation Voltage     | Consumption | Gross Weight |
|----------|-----------|----------------------------|-----------------------|-------------|--------------|
| BSR-2143 | 921214300 | Programming & testing unit | 2x9V Alkaline Battery | 60mA        | 588 gr.      |



## AUTONOMOUS FIRE DETECTION DEVICES

| Type             | Code      | Description                 | Gross Weight |
|------------------|-----------|-----------------------------|--------------|
| A-485 ADAM 45105 | 980148500 | Signal amplifier for RS-485 | 225 gr.      |



## ADDRESSABLE SHORT CIRCUIT LINE ISOLATOR



IP20

EN 54-17



| Type       | Code      | Description                 | Operation Voltage | Consumption | Gross Weight |
|------------|-----------|-----------------------------|-------------------|-------------|--------------|
| BSR-7070/A | 921707001 | Short circuit line isolator | 14-30 DC          | 200µA       | 88 gr.       |

The packaging contains 32pcs.



## FIRE DETECTION PERIPHERAL DEVICES



IP65

| Type    | Code      | Description          | Operation Voltage | Consumption | Gross Weight |
|---------|-----------|----------------------|-------------------|-------------|--------------|
| BS-680* | 980168000 | Electro-valve 24VDC  | 24V DC            | 4VA         | 603 gr.      |
| BS-682* | 980168200 | Electro-valve 230VAC | 230V AC           | 4VA         | 609 gr.      |
| BS-684* | 980168400 | Electro-valve 12VDC  | 12V DC            | 6VA         | 600 gr.      |

\*Trade product

The packaging contains 20pcs.



## FIRE DETECTION DEVICE FOR SPECIAL USE



IP20

| Type       | Code      | Description                      | Operation Voltage | Consumption | Gross Weight |
|------------|-----------|----------------------------------|-------------------|-------------|--------------|
| A-510/24*  | 980151002 | Floor base for BS-510 (24V)      |                   |             | 500 gr.      |
| BS-510/24* | 980151000 | Electromagnetic door latch (24V) | 24V DC            | 80mA        | 682,5 gr.    |

\*Trade product

The packaging contains 20pcs.



3000/UG4DP

## ACCESSORIES FOR SMOKE, HEAT & GAS DETECTORS

| Type         | Code      | Description                                        | Gross Weight |
|--------------|-----------|----------------------------------------------------|--------------|
| 63-040-06*   | 980130162 | Tubing 0,6m for installing base detectors in ducts | -            |
| 3000/UG4DP*  | 980130161 | Base for installing detectors in air-ducts         | -            |
| A-752*       | 752000008 | Spray for testing smoke detectors (150ml)          | 200 gr.      |
| RSC-TESTKIT* | 980600111 | Smoke capsule for TESTKIT                          | 78 gr.       |

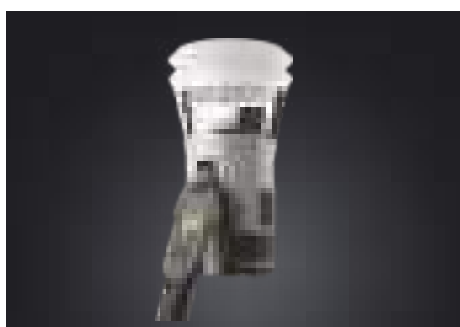
\*Trade product



## ACCESSORIES FOR TESTING SMOKE & HEAT DETECTORS

| Type                      | Code      | Description                                                                                                                                                                                                                                                                                                                                        | Gross Weight |
|---------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| SOLO<br>TEST-KIT 814-101* | 980600110 | Accessories set for testing smoke & heat detectors which contains: <ul style="list-style-type: none"> <li>▶ 1 x Accessory for testing smoke dispenser</li> <li>▶ 1 x Accessory for testing heat dispenser</li> <li>▶ 1 x Detector removal tool</li> <li>▶ 1 x telescopic access pole 4.5m (up tp 6m access)</li> <li>▶ 1 x carrying bag</li> </ul> | 6743 gr.     |

\*Trade product



| Type                                        | Code      | Description                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TESTIFIRE<br>6001<br>Smoke/heat<br>Testkit* | 980600116 | Testkit for smoke & heat detectors <ul style="list-style-type: none"> <li>▶ 1 x Testifire 1000-001</li> <li>▶ 1 x Smoke capsule TS3-001</li> <li>▶ 2 x Batteries Solo 770-001</li> <li>▶ 1 x Charger Solo 727-101</li> <li>▶ 1 x Telescopic access pole 4.5m Solo 100-001 (up tp 6m access)</li> <li>▶ 1 x detector removal tool Solo 200-001</li> <li>▶ 1 x Carrying bag Solo 610-001</li> </ul> |

\*Trade product

# GAS DETECTION





## PANELS

### ANALOG GAS DETECTION



IP30

| Type   | Code      | Description      | Consumption | Gross Weight |
|--------|-----------|------------------|-------------|--------------|
| BS-304 | 921304000 | 4 inputs 4-20mA  | 60VA        | 6120 gr.     |
| BS-308 | 921308000 | 8 inputs 4-20mA  | 60VA        | 6130 gr.     |
| BS-312 | 921312000 | 12 inputs 4-20mA | 60VA        | 6140 gr.     |
| BS-316 | 921316000 | 16 inputs 4-20mA | 60VA        | 6160 gr.     |

#### Expansion unit for Gas Detection Panels

|       |           |                                                |  |         |
|-------|-----------|------------------------------------------------|--|---------|
| A-304 | 927304000 | 4 zone expansion unit for Gas Detection Panels |  | 176 gr. |
|-------|-----------|------------------------------------------------|--|---------|



## ANALOG

### GAS DETECTORS

4-20mA ANTI - EXPLOSIVE TYPE



IP55



II 2 G Ex d IIC T6 Gb, -20°C ≤ Ta ≤ +60°C

| Type          | Code      | Description | Output  | Consumption | Sensor Type | Gross Weight |
|---------------|-----------|-------------|---------|-------------|-------------|--------------|
| TC100N/LPG    | 980110004 | Gas         | 4-20 mA | 2W          | Catalytic   | 1164 gr.     |
| TC100N/CNG    | 980110006 | Natural Gas | 4-20 mA | 2W          | Catalytic   | 1186 gr.     |
| TC100N/PETROL | 980110008 | Petrol      | 4-20 mA | 2W          | Catalytic   | 1186 gr.     |

The packaging contains 8pcs.



## ANALOG

### GAS SENSORS

4-20mA ANTI - EXPLOSIVE TYPE



IP65



II 2 G Ex d IIC T6 Gb, -20°C ≤ Ta ≤ +60°C

| Type        | Code      | Description     | Output  | Consumption | Sensor Type     |
|-------------|-----------|-----------------|---------|-------------|-----------------|
| TS293KG     | 980390000 | LPG gas         | 4-20 mA | 2W          | Catalytic       |
| TS293KM     | 980391000 | Natural Gas     | 4-20 mA | 2W          | Catalytic       |
| TS293EA     | 980393000 | Ammonia         | 4-20 mA | 2W          | Electrochemical |
| TS293PX*    | 980129304 | Various Gases*  | 4-20 mA | 2W          | Catalytic       |
| TS293PX-H** | 980293002 | Various Gases** | 4-20 mA | 2W          | Catalytic       |
| TS293EO     | 980129300 | Oxygen          | 4-20 mA | 2W          | Electrochemical |
| TS293ES     | 980129305 | Sulfur dioxide  | 4-20 mA | 2W          | Electrochemical |
| TS293KI     | 980129306 | Hydrogen        | 4-20 mA | 2W          | Catalytic       |

\* Acetone, Isopropyl alcohol, Ammonia, Hexane, Heptane, Ethanol, Ethylene, Methanol, Toluene, Gasoline

\*\* A wide range of gases such as: Hydrogen Sulfide, Ethyl methyl ether, Chloromethane, Aniline, Hydrogen Cyanide, Acetylene, Xylene



## WATERPROOF ANALOG GAS SENSORS 4-20mA



| Type      | Code      | Description                       | Output  | Consumption | Sensor Type     | Gross Weight |
|-----------|-----------|-----------------------------------|---------|-------------|-----------------|--------------|
| TS282KG   | 980380000 | LPG gas                           | 4-20 mA | 2W          | Catalytic       | 404 gr.      |
| TS282KM   | 980381000 | Natural Gas                       | 4-20 mA | 2W          | Catalytic       | 404 gr.      |
| TS282EC-S | 980382000 | Carbon monoxide                   | 4-20 mA | 2W          | Electrochemical | 404 gr.      |
| TS282EA-H | 980383000 | Ammonia for hazardous environment | 4-20 mA | 2W          | Electrochemical | 404 gr.      |
| TS282EA   | 980383001 | Ammonia                           | 4-20 mA | 2W          | Electrochemical | 404 gr.      |



## SLAVE LUMINARY

| Type                          | Code      | Description            | Voltage   | Consumption       | Gross Weight |
|-------------------------------|-----------|------------------------|-----------|-------------------|--------------|
| BS-527                        | 921527000 | Indication with buzzer | 10-28V DC | 60mA 12V-70mA 24V | 392 gr.      |
| The packaging contains 24pcs. |           |                        |           |                   |              |
| BS-527/WP                     | 921527001 | Indication with buzzer | 12-24V DC | 60mA 12V-70mA 24V | 793 gr.      |
| The packaging contains 12pcs. |           |                        |           |                   |              |



## WATERPROOF SLAVE LUMINARY



| Type   | Code      | Description                               | Voltage                                | Consumption | Gross Weight |
|--------|-----------|-------------------------------------------|----------------------------------------|-------------|--------------|
| BS-685 | 921685000 | Waterproof LPG detector                   | 10 - 30V AC - DC<br>(Powered by panel) | 0,5W        | 150 gr.      |
| BS-686 | 921686000 | Waterproof natural gas-methane detector f | 10 - 30V AC - DC<br>(Powered by panel) | 0,5W        | 150 gr.      |





## AUTONOMOUS & GAS DETECTION DEVICES (230V AC)

IP40 IP42

| Type     | Code      | Description                                                      | Operation Voltage | Consumption | Sensor Type     | Gr. Weight |
|----------|-----------|------------------------------------------------------------------|-------------------|-------------|-----------------|------------|
| BS-690   | 921690000 | LPG detector with beacon & fire detection zone with output relay | 220-240V AC       | 32VA        | Catalytic       | 268 gr.    |
| BS-691   | 921691000 | Natural gas detector with beacon & fire detection zone           | 220-240V AC       | 32VA        | Catalytic       | 263 gr.    |
| BS-694   | 921694000 | LPG detector 230V with output relay                              | 220-240V AC       | 4VA         | Catalytic       | 291 gr.    |
| BS-695   | 921695000 | Natural gas detector 230V with output relay                      | 220-240V AC       | 4VA         | Catalytic       | 283 gr.    |
| SE-325EC | 980132500 | Autonomous carbon monoxide detectors with battery 3V li          | Battery 3V/1400mA | -           | Electrochemical | 281 gr.    |
| LPM 2610 | 328000014 | Spare sensor PG for BS-690, BS-694, BS-685, BS-687               |                   | -           | -               | 3 gr.      |
| NGM 2611 | 328000013 | Spare sensor Natural gas for BS-691, BS-695, BS-686, BS-688      |                   | -           | -               | 3 gr.      |



## AUTONOMOUS WATERPROOF LIQUID GAS-LPG DETECTOR 230V

IP65

| Type        | Code      | Description                              | Operation Voltage | Consumption | Sensor Type | Gr. Weight |
|-------------|-----------|------------------------------------------|-------------------|-------------|-------------|------------|
| BS-377/WP/A | 921377000 | Liquid Gas-LPG with 2 relays (230V)      | 197-265V AC       | 3VA         | Catalytic   | 338 gr.    |
| BS-378/WP/A | 921378000 | Natural Gas-methane with 2 relays (230V) | 197-265V AC       | 3VA         | Catalytic   | 338,5 gr.  |

The packaging contains 54pcs.

### ACCESSORY

|       |                                                    |       |
|-------|----------------------------------------------------|-------|
| A-375 | Detector sensor for BS-375, BS-376, BS-377, BS-378 | 4 gr. |
|-------|----------------------------------------------------|-------|



## WATERPROOF SLAVE GAS DETECTORS 10-30V DC

| Type        | Code      | Description                             | Operation Voltage       | Consumption | Sensor Type     | Gr. Weight |
|-------------|-----------|-----------------------------------------|-------------------------|-------------|-----------------|------------|
| BS-658      | 980165800 | Carbon Monoxide Detector                | 24V ± 25%               | 2W/channel  | Electrochemical | 390 gr.    |
| BS-375/WP/A | 921375000 | Liquid gas-LPG with 2 relays (24V)      | 10-30V DC / 17,5-21V AC | 3VA         | Catalytic       | 225 gr.    |
| BS-376/WP/A | 921376000 | Natural Gas-methane with 2 relays (24V) | 10-30V DC / 17,5-21V AC | 3VA         | Catalytic       | 223 gr.    |

The packaging contains 54pcs.



# BURGLAR ALARM SYSTEMS



# WIRELESS ALARM SYSTEM



IP30



**OLYMPIA ALARM  
MOBILE APPLICATION  
(i-Olympia)**

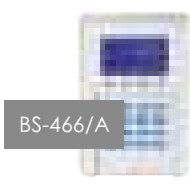
| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## 8 ZONE ALARM PANEL WITH WIRELESS KEYPAD BS-477/SL & 32 WIRELESS EMBEDDED ZONE EXTENDER BS-479

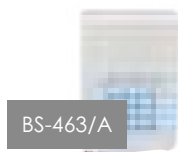
|                    |           |                                                                     |            |
|--------------------|-----------|---------------------------------------------------------------------|------------|
| BS-468/A/WL/KEYPAD | 921468014 | Hybrid central panel (wireless and wired communication) with keypad | 2010,5 gr. |
|--------------------|-----------|---------------------------------------------------------------------|------------|



BS-477/SL



BS-466/A



BS-463/A



BS-479



BS-464



BS-465



RF-468/A

## PERIPHERAL DEVICES FOR WIRELESS ALARM PANEL BS-468/A/WL

| Type      | Code      | Description                                | Voltage                     | Consumption            |
|-----------|-----------|--------------------------------------------|-----------------------------|------------------------|
| BS-477/SL | 921477001 | Wireless touch keypad with graphic display | 2 x Lithium Battery CR-123A |                        |
| BS-479    | 921479000 | 32 Wireless zone extender                  | From panel                  |                        |
| BS-464    | 921464000 | GSM Dialer card                            | From panel                  | 30mA(idle)/120mA(call) |
| BS-465    | 921465000 | PSTN Dialer card                           | From panel                  | 20mA(idle)/50mA(call)  |
| BS-466/A  | 921466001 | Keypad with LCD Display                    | From panel                  | 50mA                   |
| BS-463/A  | 921463001 | Keypad without Display                     | From panel                  | 32mA                   |
| RF-468/A  | 921468013 | Wireless remote control receiver 433MHz    | From panel                  | 7-8mA                  |
| PC-468/A  | 921468010 | Installation Software usb cable for PC     |                             |                        |



# WIRELESS ALARM SET



**OLYMPIA ALARM  
MOBILE APPLICATION  
(i-Olympia)**

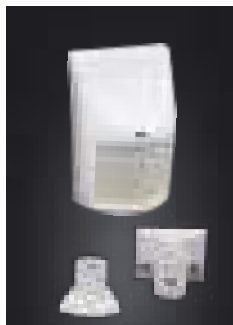
| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## WIRELESS BURGLAR ALARM SET BS-468/A/WL/KIT

|                 |           |                            |          |
|-----------------|-----------|----------------------------|----------|
| BS-468/A/WL/KIT | 921468009 | Wireless burglar alarm set | 7243 gr. |
|-----------------|-----------|----------------------------|----------|

## THE BS-468/A/WL/KIT CONTAINS:

| Type        | Code      | Description                                                | Voltage                     | Consumption |
|-------------|-----------|------------------------------------------------------------|-----------------------------|-------------|
| BS-468/A/WL | 921468011 | 1 Wireless alarm panel with BS-479                         | 220-240V AC                 | 11VA        |
| BS-477/SL   | 921477001 | 1 Wireless touch keypad with graphic display               | 2 x Lithium Battery CR-123A |             |
| BS-475      | 921475000 | 1 Wireless outdoor solar siren beacon & battery A-1210     | Photovoltaic Panel          | 12V/1,4W    |
| BS-470      | 921470000 | 1 Wireless infrared motion detector                        | Lithium Battery CR-123A     |             |
| BS-471      | 921471000 | 1 Wireless magnetic trap for doors and windows             | Lithium Battery CR-123A     |             |
| BS-429/W    | 980142900 | 2 Magnetic traps for doors & windows                       |                             |             |
| RF-467      | 980146700 | Remote control for arming/disarming                        |                             |             |
| RF-468/A    | 921468013 | Wireless remote control receiver 433MHz                    | From panel                  | 7-8mA       |
| A-986       | 603001270 | 1 lead acid battery 12V/7Ah                                |                             |             |
| PC-468/A    | 921468010 | 1 Installation Software usb cable for PC                   |                             |             |
|             |           | Installation and operation manual & 1 central unit battery |                             |             |



# WIRELESS PERIPHERALS

| Type | Code | Description | Voltage | Gross weight |
|------|------|-------------|---------|--------------|
|------|------|-------------|---------|--------------|

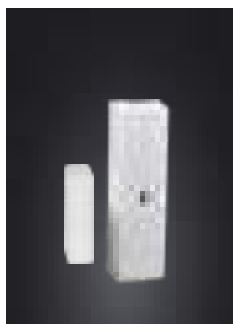
## WIRELESS DETECTOR

|        |           |                                   |                            |           |
|--------|-----------|-----------------------------------|----------------------------|-----------|
| BS-470 | 921470000 | Wireless infrared motion detector | Lithium Battery<br>CR-123A | 124,5 gr. |
|--------|-----------|-----------------------------------|----------------------------|-----------|

## ACCESSORY

| Type      | Code      | Description                                 | Gross weight |
|-----------|-----------|---------------------------------------------|--------------|
| BASE-401* | 980184011 | Base for detectors BS-405/A, BS-409, BS-470 | 24 gr.       |

\*Trade products



IP40

| Type | Code | Description | Voltage | Gross weight |
|------|------|-------------|---------|--------------|
|------|------|-------------|---------|--------------|

## WIRELESS MAGNETIC TRAP

|        |           |                                              |                            |        |
|--------|-----------|----------------------------------------------|----------------------------|--------|
| BS-471 | 921471000 | Wireless magnetic trap for doors and windows | Lithium Battery<br>CR-123A | 88 gr. |
|--------|-----------|----------------------------------------------|----------------------------|--------|

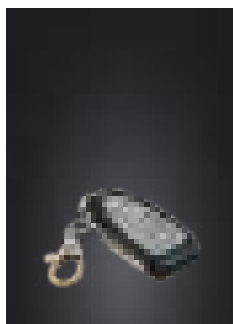


IP20

| Type | Code | Description | Voltage | Gross weight |
|------|------|-------------|---------|--------------|
|------|------|-------------|---------|--------------|

## WIRELESS OUTDOOR SOLAR SIREN

|          |           |                                           |                                |          |
|----------|-----------|-------------------------------------------|--------------------------------|----------|
| BS-475   | 921475000 | With beacon & battery A-1210              | Photovoltaic panel<br>12V/1,4W | 1842 gr. |
| BS-475/B | 921475001 | With beacon & battery (anthracite) A-1210 | Photovoltaic panel<br>12V/1,4W | 1842 gr. |



| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## CONTROL

|         |           |                                     |        |
|---------|-----------|-------------------------------------|--------|
| RF-467* | 980146700 | Remote control for arming/disarming | 29 gr. |
|---------|-----------|-------------------------------------|--------|

\*Trade products



## BURGLAR ALARM SYSTEM



IP30



**OLYMPIA ALARM**  
**MOBILE APPLICATION**  
**(i-Olympia)**

| Type | Code | Description | Voltage | Gross weight |
|------|------|-------------|---------|--------------|
|------|------|-------------|---------|--------------|

### 4 ZONE BURGLAR ALARM PANEL EMBEDDED WITH SIREN AND KEYPAD

|            |           |                                                            |                       |         |
|------------|-----------|------------------------------------------------------------|-----------------------|---------|
| BS-458     | 921458000 | Panel with embedded siren & keypad                         | 220-240V AC / 50-60Hz | 647 gr. |
| BS-458/GSM | 921458003 | Panel with embedded siren, keypad & BS-454 GSM dialer card | 220-240V AC / 50-60Hz | 693 gr. |



BS-454

### PERIPHERAL DEVICES FOR ALARM PANEL BS-458

|          |           |                                        |  |        |
|----------|-----------|----------------------------------------|--|--------|
| BS-454   | 921454000 | GSM Dialer card                        |  | 82 gr. |
| PC-468/A | 921468010 | Installation Software usb cable for PC |  | 52 gr. |



## BURGLAR ALARM SET BS-458/KIT



**OLYMPIA ALARM**  
**MOBILE APPLICATION**  
**(i-Olympia)**

| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### 4 ZONE BURGLAR ALARM SET BS-458/KIT

|            |           |                   |          |
|------------|-----------|-------------------|----------|
| BS-458/KIT | 921458001 | Burglar alarm set | 3786 gr. |
|------------|-----------|-------------------|----------|

### THE BS-458/KIT CONTAINS:

| Type      | Code      | Description                                            | Voltage             | Consumption                            |
|-----------|-----------|--------------------------------------------------------|---------------------|----------------------------------------|
| BS-458    | 921458000 | 1 Panel with embedded siren & keypad                   | 220-240V AC/50-60Hz | 15VA                                   |
| BS-413    | 921413000 | 1 Autonomous siren beacon with battery A-989 12V 1.3Ah | 13,6-14,8V DC       | 6mA                                    |
| BS-405/A  | 921405003 | 1 Infrared motion detector                             | 8-16V               | 12mA (quiescent)<br>/14mA (activation) |
| BS-429/W* | 980142900 | 2 Magnetic traps (white) NC                            | -                   | -                                      |
| A-989*    | 603001211 | 1 Lead Acid Battery Pb 12V/ 1.3Ah                      | -                   | -                                      |

\*Trade products



## BURGLAR ALARM SYSTEM



IP30



**OLYMPIA ALARM**  
MOBILE APPLICATION  
(i-Olympia)

| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### 8 ZONE ALARM PANEL WITH KEYPAD

|                 |           |                                                   |          |
|-----------------|-----------|---------------------------------------------------|----------|
| BS-468/A/KEYPAD | 921468008 | Alarm panel with keypad BS-466/A with LCD display | 2233 gr. |
|-----------------|-----------|---------------------------------------------------|----------|



| Type | Code | Description | Voltage | Consumption | Gross weight |
|------|------|-------------|---------|-------------|--------------|
|------|------|-------------|---------|-------------|--------------|

### PERIPHERAL DEVICES FOR ALARM PANEL BS-468/A/KEYPAD

|          |           |                                         |            |                            |           |
|----------|-----------|-----------------------------------------|------------|----------------------------|-----------|
| BS-466/A | 921466001 | Keypad with LCD Display                 | From panel | 50mA                       | 240 gr.   |
| BS-463/A | 921463001 | Keypad without Display                  | From panel | 32mA                       |           |
| BS-465   | 921465000 | PSTN Dialer card                        | From panel | 20mA (idle) / 50mA (call)  | 88,5 gr.  |
| BS-464   | 921464000 | GSM Dialer card                         | From panel | 30mA (idle) / 120mA (call) | 129,5 gr. |
| BS-469   | 921469000 | 8 zone expansion card                   | From panel | 40mA                       | 60 gr.    |
| RF-467*  | 980146700 | Remote control transmitter 433MHz       |            |                            | 28,5 gr   |
| RF-468/A | 921468013 | Wireless remote control receiver 433MHz | From panel | 7-8mA                      | 13 gr.    |

\*Trade products



## BURGLAR ALARM SET SET BS-468/A/KIT



**OLYMPIA ALARM**  
MOBILE APPLICATION  
(i-Olympia)

| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### BURGLAR ALARM SET BS-468/A/KIT

|              |           |                    |          |
|--------------|-----------|--------------------|----------|
| BS-468/A/KIT | 921468015 | Burglarm alarm set | 6289 gr. |
|--------------|-----------|--------------------|----------|

### THE BS-468/A/KIT CONTAINS:

| Type            | Code      | Description                                         | Voltage             | Consumption                |
|-----------------|-----------|-----------------------------------------------------|---------------------|----------------------------|
| BS-468/A/KEYPAD | 921468008 | 1 Burglar alarm panel BS 468/A with keypad BS-466/A | 220-240V AC/50-60Hz | 11VA                       |
| BS-413          | 921413000 | 1 Siren beacon with battery. A-989 12V 1.3Ah        | 13,6-14,8V DC       | 6mA                        |
| BS-405/A        | 921405003 | 1 IR movement detector                              | 8-16V               | 12mA (idl.) / 14mA (call.) |
| BS-429/W*       | 980142900 | 2 Magnetic contact (white) NC                       | -                   | -                          |
| A-986*          | 603001270 | 1 lead acid battery 12V/7Ah                         | -                   | -                          |
| PC-468/A        | 921468010 | 1 usb cable with installation software for PC       | -                   | -                          |

\*Trade products



# WIRELESS PERIPHERALS

## DETECTORS



| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### OUTDOOR BEAM DETECTORS

|          |           |                                       |            |
|----------|-----------|---------------------------------------|------------|
| ABE-150* | 980600150 | Outdoor beam detector 150m. / 3 beams | 1770,5 gr. |
| ABH-250* | 980601250 | Outdoor beam detector 250m. / 4 beams | 916 gr.    |

\* Trade products



| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### OUTDOOR BEAM DETECTORS

|          |           |                                       |          |
|----------|-----------|---------------------------------------|----------|
| ABT-60*  | 980600060 | Outdoor beam detector 60m. / 2 beams  | 1087 gr. |
| ABT-100* | 980600100 | Outdoor beam detector 100m. / 2 beams | 916 gr.  |

\* Trade products



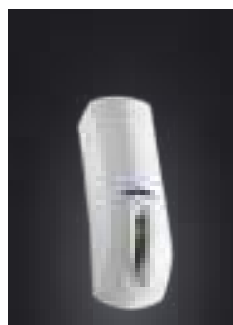
  
IP54

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### DETECTORS

|          |           |                                                |           |
|----------|-----------|------------------------------------------------|-----------|
| BS-4000* | 980140000 | Detector for external use (2xPIR & DIRFE) IP54 | 278,5 gr. |
|----------|-----------|------------------------------------------------|-----------|

\* Trade products



| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### DETECTORS

|         |           |                                       |         |
|---------|-----------|---------------------------------------|---------|
| BS-272* | 980127200 | "Curtain" detector up to 12m. TESEO-C | 100 gr. |
|---------|-----------|---------------------------------------|---------|

\* Trade products



| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

### OUTDOOR BEAM DETECTORS

|              |           |                                                     |            |
|--------------|-----------|-----------------------------------------------------|------------|
| ALABI-30764* | 980630764 | Outdoor beam detector 30m.-76cm. height / 4 beams   | 1068,5 gr. |
| ALBI-301408* | 980301408 | Outdoor beam detector 30m.-1,40cm. height / 8 beams | 1798,5 gr. |

\* Trade products





# PERIPHERALS

## DETECTORS



### IP40

| Type | Code | Description | Voltage | Consumption | Gross Weight |
|------|------|-------------|---------|-------------|--------------|
|------|------|-------------|---------|-------------|--------------|

#### IR MOVEMENT DETECTORS

|          |           |                                  |         |                                |           |
|----------|-----------|----------------------------------|---------|--------------------------------|-----------|
| BS-405/A | 921405003 | IR movement detector             | 8-16V   | 12mA (idle)<br>14mA (call)     | 105,5 gr. |
| BS-409   | 921409000 | Combined (microwave-IR) detector | 8,2-16V | 25,5mA (idle)<br>16,5mA (call) | 133 gr.   |

#### ACCESSORY

| Code | Description |  | Gross Weight |
|------|-------------|--|--------------|
|------|-------------|--|--------------|

|           |           |                                              |        |
|-----------|-----------|----------------------------------------------|--------|
| BASE-401* | 980184011 | Base for detectors BS-405/A & BS-409, BS-470 | 24 gr. |
|-----------|-----------|----------------------------------------------|--------|

\*Trade products



### IP20

| Type | Code | Description | Voltage | Consumption | Gross Weight |
|------|------|-------------|---------|-------------|--------------|
|------|------|-------------|---------|-------------|--------------|

#### DETECTORS

|           |           |                                        |           |              |         |
|-----------|-----------|----------------------------------------|-----------|--------------|---------|
| BS-660/12 | 921660001 | Heat of rise detector 12VDC            | 11-13V DC | 50µA/20-30mA | 178 gr. |
| BS-655/12 | 921655001 | Optical smoke detector 12VDC with base | 11-13V DC | 50µA/20-30mA | 193 gr. |

#### ACCESSORY

| Code | Description | Voltage | Consumption | Gross Weight |
|------|-------------|---------|-------------|--------------|
|------|-------------|---------|-------------|--------------|

|           |           |                                          |           |      |         |
|-----------|-----------|------------------------------------------|-----------|------|---------|
| BASE-6012 | 927600000 | Base with relay for BS-655/12, BS-660/12 | 10-16V DC | 13mA | 127 gr. |
|-----------|-----------|------------------------------------------|-----------|------|---------|

| Type | Code | Description | Voltage | Consumption | Gross Weight |
|------|------|-------------|---------|-------------|--------------|
|------|------|-------------|---------|-------------|--------------|

#### FOOD DETECTORS

|       |           |                |                |       |        |
|-------|-----------|----------------|----------------|-------|--------|
| LD-12 | 980108012 | Flood detector | 12V DC (9-15V) | 0,6mA | 81 gr. |
|-------|-----------|----------------|----------------|-------|--------|

\*Trade products

| Type | Code | Description | Voltage | Consumption | Gross Weight |
|------|------|-------------|---------|-------------|--------------|
|------|------|-------------|---------|-------------|--------------|

#### SHATTER GLASS DETECTORS

|         |           |                                        |       |      |        |
|---------|-----------|----------------------------------------|-------|------|--------|
| BS-427* | 980142700 | Shatter glass detector for alarm panel | 9-16V | 20mA | 79 gr. |
|---------|-----------|----------------------------------------|-------|------|--------|

\*Trade products

| Type | Code | Description | Voltage | Consumption | Gross Weight |
|------|------|-------------|---------|-------------|--------------|
|------|------|-------------|---------|-------------|--------------|

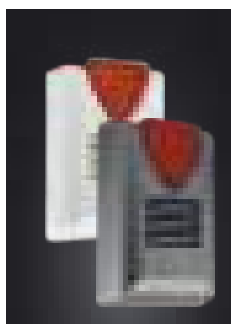
#### IR 360° DETECTORS

|         |           |                                  |          |      |          |
|---------|-----------|----------------------------------|----------|------|----------|
| BS-360* | 980136000 | 360° ceiling mounted IR detector | 8-16V DC | 15mA | 78,5 gr. |
|---------|-----------|----------------------------------|----------|------|----------|

\*Trade products



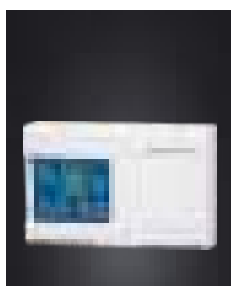
IP20



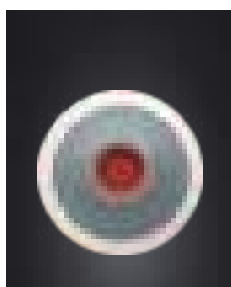
| Type                                | Code      | Description                                                            | Voltage       | Consumption | Gross weight |
|-------------------------------------|-----------|------------------------------------------------------------------------|---------------|-------------|--------------|
| <b>SIRENS - SIRENS WITH BEACONS</b> |           |                                                                        |               |             |              |
| BS-413                              | 921413000 | Autonomous siren with beacon & battery 12 V 1,3 Ah Pb A-989            | 13,6-14,8V DC | 6mA         | 1843,5 gr.   |
| BS-413/DM                           | 918141300 | External siren cover                                                   |               |             | 976 gr.      |
| BS-413/B                            | 921413002 | Autonomous siren with beacon & battery 12V 1,3Ah Pb A-989 (anthracite) | 13,6-14,8V DC | 6mA         | 1843,5 gr.   |



IP20



| Type                                                             | Code      | Voltage   | Consumption                                                        | Gross weight |
|------------------------------------------------------------------|-----------|-----------|--------------------------------------------------------------------|--------------|
| <b>AUTOMATIC TELEPHONE DIALER FOR ALARM &amp; FIRE DETECTION</b> |           |           |                                                                    |              |
| BS-489                                                           | 921489000 | 10-30V DC | 25mA (idle) / 70mA (active) 12V<br>10mA (idle) / 25mA (active) 24V | 147 gr.      |



| Type            | Code      | Description         | Gross weight |
|-----------------|-----------|---------------------|--------------|
| <b>CONTROLS</b> |           |                     |              |
| ND 100GLT*      | 980143601 | Manual panic button | 85 gr.       |

\* Trade products



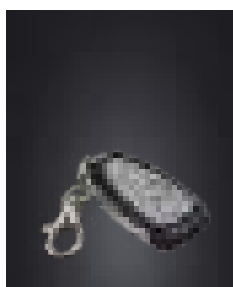
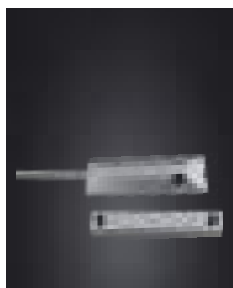
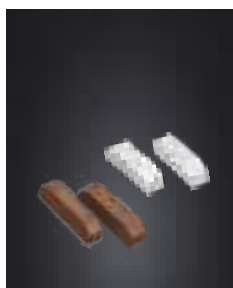
| Type                  | Code      | Description                    | Voltage | Consumption | Gross weight |
|-----------------------|-----------|--------------------------------|---------|-------------|--------------|
| <b>INTERIOR SIREN</b> |           |                                |         |             |              |
| BS-441                | 980144100 | Interior siren for alarm panel | 12 V DC | 200mA       | 156 gr.      |

\*Trade products



| Type                    | Code      | Description                             | Voltage    | Consumption      | Gross weight |
|-------------------------|-----------|-----------------------------------------|------------|------------------|--------------|
| <b>Control receiver</b> |           |                                         |            |                  |              |
| RF-468/A                | 921468013 | Wireless remote control receiver 433MHz | From panel | 7-8mA idle state | 13 gr.       |

# PERIPHERAL DEVICES



| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## MAGNETIC TRAPS

|           |           |                                      |         |
|-----------|-----------|--------------------------------------|---------|
| BS-439/B* | 980143901 | Magnetic trap for doors, NC, (brown) | 9 gr.   |
| BS-439/W* | 980143900 | Magnetic trap for doors, NC, (white) | 9,5 gr. |

\* Trade products

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## MAGNETIC TRAPS

|           |           |                                      |        |
|-----------|-----------|--------------------------------------|--------|
| BS-449/B* | 980144901 | Magnetic trap (brown) low profile NC | 11 gr. |
| BS-449/W* | 980144900 | Magnetic trap (white) low profile NC | 13 gr. |

\* Trade products

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## MAGNETIC TRAPS

|           |           |                                      |        |
|-----------|-----------|--------------------------------------|--------|
| BS-429/B* | 980142902 | Magnetic trap (brown) low profile NC | 21 gr. |
| BS-429/W* | 980142900 | Magnetic trap (white) low profile NC | 21 gr. |

\* Trade products

The packaging contains 10pcs.

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## MAGNETIC TRAPS

|         |           |                       |          |
|---------|-----------|-----------------------|----------|
| BS-490* | 980149000 | NC & NO Magnetic trap | 22,7 gr. |
|---------|-----------|-----------------------|----------|

\* Trade products

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## MAGNETIC TRAPS

|         |           |                                   |         |
|---------|-----------|-----------------------------------|---------|
| BS-459* | 980145900 | Heavy-duty metallic magnetic trap | 298 gr. |
|---------|-----------|-----------------------------------|---------|

\* Trade products

| Type | Code | Description | Gross Weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## CONTROLS

|         |           |                                     |        |
|---------|-----------|-------------------------------------|--------|
| RF-467* | 980146700 | Remote control for arming/disarming | 29 gr. |
|---------|-----------|-------------------------------------|--------|

\* Trade products



# GENERAL PURPOSE DEVICES

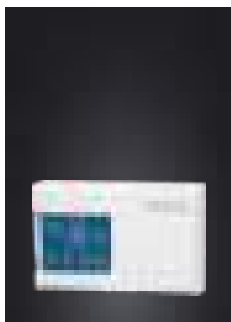


# GENERAL PURPOSE DEVICES



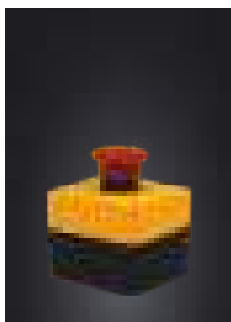
IP42

| Type                                                                           | Code      | Description                                          | Consumption |
|--------------------------------------------------------------------------------|-----------|------------------------------------------------------|-------------|
| <b>GENERAL PURPOSE DEVICES 85-265V AC/50-60Hz</b> (Batteries are not included) |           |                                                      |             |
| GR-24/12V/A                                                                    | 923024008 | Uninterrupted power supply with 12V DC, 4A DC output | 46VA        |
| GR-24/24V/A                                                                    | 923024009 | Uninterrupted power supply with 24V DC, 2A DC output | 92VA        |



IP20

| Type                              | Code      | Description                | Operation Voltage | Consumption                    | Gross weight |
|-----------------------------------|-----------|----------------------------|-------------------|--------------------------------|--------------|
| <b>AUTOMATIC TELEPHONE DIALER</b> |           |                            |                   |                                |              |
| BS-489                            | 921489000 | Automatic telephone dialer | 10-30V DC         | 25/70mA (12V)<br>10/25mA (24V) | 147 gr.      |



IP54

| Type                           | Code      | Description             | Gross weight |
|--------------------------------|-----------|-------------------------|--------------|
| <b>GENERAL PURPOSE DEVICES</b> |           |                         |              |
| BS-537                         | 921537000 | Cancellation call point | 155 gr.      |



IP65



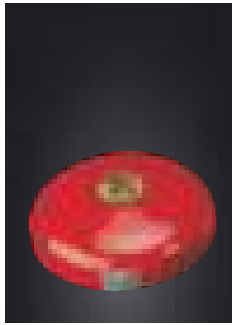
IP40

| Type                                                  | Code      | Description | Operation Voltage | Consumption         | Gross weight |
|-------------------------------------------------------|-----------|-------------|-------------------|---------------------|--------------|
| <b>INDICATION LUMINARY</b>                            |           |             |                   |                     |              |
| BS-527                                                | 921527000 | With buzzer | 10-28V DC         | 60mA(12V)/70mA(24V) | 392 gr.      |
| <b>WATERPROOF IP65 FIRE ALARM INDICATION LUMINARY</b> |           |             |                   |                     |              |
| BS-527/WP                                             | 921527001 | With buzzer | 12-24V DC         | 60mA(12V)/70mA(24V) | 793 gr.      |



IP30

| Type                               | Code      | Description                                                  | Operation Voltage | Consumption | Gross weight |
|------------------------------------|-----------|--------------------------------------------------------------|-------------------|-------------|--------------|
| <b>SLAVED SIGN FOR GENERAL USE</b> |           |                                                              |                   |             |              |
| BS-528                             | 921528000 | Slaved general purpose 12-24V DC illuminated indication sign |                   | 140mA       | 1030 gr.     |

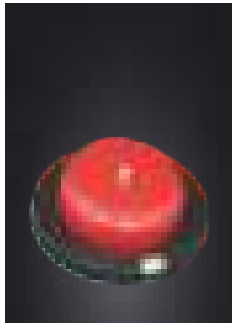


| Type | Code | Description | Operation Voltage | Consumption | Gross weight |
|------|------|-------------|-------------------|-------------|--------------|
|------|------|-------------|-------------------|-------------|--------------|

#### ALARM BELL

|        |           |            |           |      |         |
|--------|-----------|------------|-----------|------|---------|
| BS-595 | 921595000 | Alarm bell | 24V AC/DC | 75mA | 484 gr. |
|--------|-----------|------------|-----------|------|---------|

The packaging contains 20pcs.



| Type | Code | Description | Operation Voltage | Consumption | Gross weight |
|------|------|-------------|-------------------|-------------|--------------|
|------|------|-------------|-------------------|-------------|--------------|

#### FIRE ALARM BELL

|        |           |                      |             |      |          |
|--------|-----------|----------------------|-------------|------|----------|
| BS-590 | 921590000 | General purpose bell | 220-240V AC | 51VA | 1327 gr. |
|--------|-----------|----------------------|-------------|------|----------|

The packaging contains 4pcs.



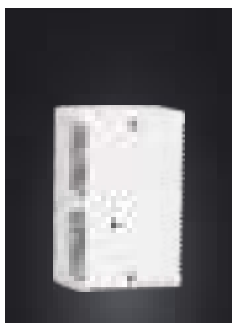
IP20

| Type | Code | Description | Consumption | Gross weight |
|------|------|-------------|-------------|--------------|
|------|------|-------------|-------------|--------------|

#### REMOTE DETECTOR LED

|        |           |                           |      |        |
|--------|-----------|---------------------------|------|--------|
| BS-572 | 921572000 | Remote detector LED (red) | 10mA | 89 gr. |
|--------|-----------|---------------------------|------|--------|

The packaging contains 100pcs.

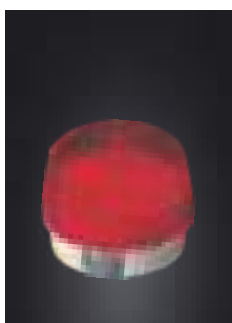


IP20

| Type | Code | Description | Oper. Voltage | Consumption | Gr. Weight |
|------|------|-------------|---------------|-------------|------------|
|------|------|-------------|---------------|-------------|------------|

#### FIRE ALARM DEVICES FOR SPECIAL USE

|        |           |                                          |           |      |           |
|--------|-----------|------------------------------------------|-----------|------|-----------|
| BS-162 | 921162000 | Module for 12V electro-valves            | 11-15V DC | 15mA | 182,5 gr. |
| BS-164 | 921164000 | Activation module for 24V electro-valves | 11-15V DC | 30mA | 201 gr.   |



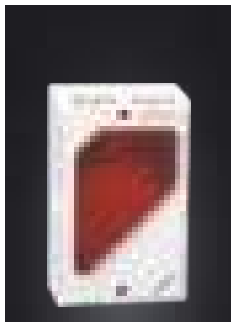
IP20

| Type | Code | Description | Operation Voltage | Consumption | Gross weight |
|------|------|-------------|-------------------|-------------|--------------|
|------|------|-------------|-------------------|-------------|--------------|

#### BEACON WITH LAMP

|          |           |                                   |                     |      |         |
|----------|-----------|-----------------------------------|---------------------|------|---------|
| BS-580   | 921580000 | Beacon with XENON lamp            | 220-240V AC 50-60Hz | 3VA  | 187 gr. |
| BS-576/L | 921576003 | Beacon with incandescent LED lamp | 12-24V DC           | 26mA | 180 gr. |

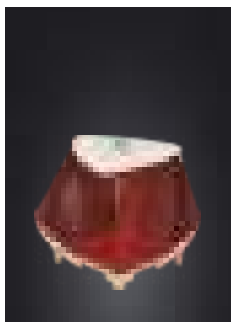
The packaging contains 36pcs.



IP20



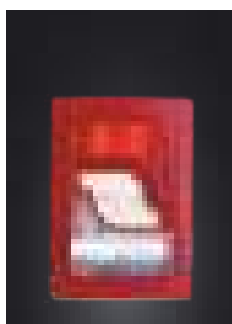
| Type                     | Code      | Description                               | Consumption | Gross Weight |
|--------------------------|-----------|-------------------------------------------|-------------|--------------|
| <b>SIREN WITH BEACON</b> |           |                                           |             |              |
| BS-542                   | 921542000 | Siren with beacon, 100dB (BS-690, BS-691) | 12V DC 30mA | 142,5 gr.    |



IP65 IP42

| Type                                     | Code      | Description                        | Consumption             | Gross Weight |
|------------------------------------------|-----------|------------------------------------|-------------------------|--------------|
| <b>WATERPROOF IP65 SIREN WITH BEACON</b> |           |                                    |                         |              |
| BS-521/1                                 | 921521006 | Autonomous siren with beacon       | 220-240V AC 50-60Hz 3VA | 425 gr.      |
| BS-521/1/WP                              | 921521007 | Autonomous siren with beacon IP 65 | 220-240V AC 50-60Hz 3VA | 440 gr.      |

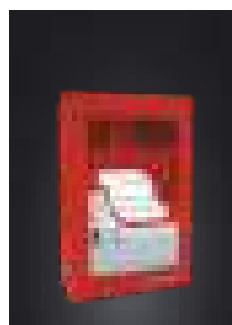
The packaging contains 15pcs.



IP40

| Type                                                                                       | Code      | Description                                              | Operation Voltage   | Consumption | Battery         | Gross Weight |
|--------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------|---------------------|-------------|-----------------|--------------|
| <b>AUTONOMOUS SIREN WITH BEACON &amp; FIRE EXTINGUISHING CALL POINT &amp; BACKUP LIGHT</b> |           |                                                          |                     |             |                 |              |
| BS-3001                                                                                    | 921300100 | Siren with beacon, fire ext. call point and backup light | 220-240V AC 50-60Hz | 3VA         | 3,6V/1Ah (NiCd) | 662,5 gr.    |

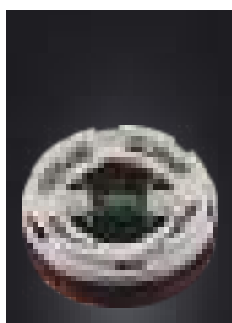
The packaging contains 22pcs.



IP40

| Type                                                                    | Code      | Description                                                       | Operation Voltage | Gross Weight |
|-------------------------------------------------------------------------|-----------|-------------------------------------------------------------------|-------------------|--------------|
| <b>AUTONOMOUS SIREN WITH BEACON &amp; FIRE EXTINGUISHING CALL POINT</b> |           |                                                                   |                   |              |
| BS-3002                                                                 | 921300200 | Siren with beacon & fire extinguishing call point, battery (3xAA) | 4,5V DC           | 555 gr.      |

The packaging contains 22pcs.



IP20

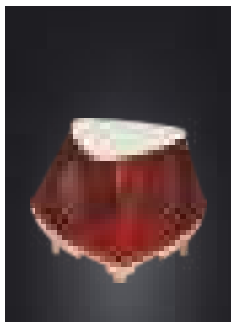
| Type                                         | Code      | Description                                       | Operation Voltage | Consumption | Gross Weight |
|----------------------------------------------|-----------|---------------------------------------------------|-------------------|-------------|--------------|
| <b>DETECTOR'S BASE WITH SIREN AND BEACON</b> |           |                                                   |                   |             |              |
| BASE-6024/SB                                 | 921602400 | Addressable detector's base with siren and beacon | 14-30 V           | 0mA/2,6mA   | 150 gr.      |





IP54

| Type                      | Code      | Description                | Operation Voltage    | Consumption | Gross Weight |
|---------------------------|-----------|----------------------------|----------------------|-------------|--------------|
| <b>IR MOTION DETECTOR</b> |           |                            |                      |             |              |
| GR-55                     | 923055000 | IR Motion detector 230V AC | 220-240V AC/50-60 Hz | 5VA         | 145 gr.      |

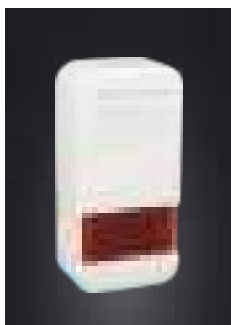


IP65

IP42

| Type                                                           | Code      | Description                             | Operation Voltage    | Consumption | Gross Weight |
|----------------------------------------------------------------|-----------|-----------------------------------------|----------------------|-------------|--------------|
| <b>GENERAL PURPOSE SIREN WITH BEACON AND ADJUSTABLE VOLUME</b> |           |                                         |                      |             |              |
| BS-505                                                         | 921505000 | Telephone siren, 105dB                  | 220-240V AC/50-60 Hz | 4,5VA       | 395 gr.      |
| BS-505/WP                                                      | 921505001 | Telephone siren, waterproof IP65, 105dB | 220-240V AC/50-60 Hz | 4,5VA       | 410 gr.      |

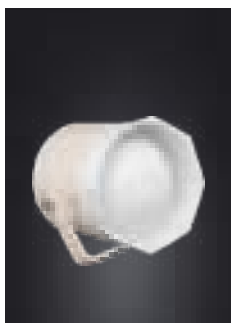
The packaging contains 15pcs.



IP20

| Type                                     | Code      | Description                                                               | Operation Voltage | Consumption |
|------------------------------------------|-----------|---------------------------------------------------------------------------|-------------------|-------------|
| <b>GENERAL PURPOSE SIREN WITH BEACON</b> |           |                                                                           |                   |             |
| BS-546                                   | 921546000 | General purpose siren with beacon and intensity regulator, 100db, 230V AC | 220-240V AC       | 6VA         |

The packaging contains 24pcs.



IP20

| Type                                                | Code      | Description               | Operation Voltage    | Consumption | Gross Weight |
|-----------------------------------------------------|-----------|---------------------------|----------------------|-------------|--------------|
| <b>GENERAL PURPOSE SIREN WITH ADJUSTABLE VOLUME</b> |           |                           |                      |             |              |
| BS-500                                              | 921500000 | Telephone siren, 40-105dB | 220-240V AC/50-60 Hz | 6W          | 362 gr.      |
| BS-540                                              | 921540000 | General use, 0-100dB      | 12-24V DC            | 150mA/4W    | 248 gr.      |
| BS-545                                              | 921545000 | General use, 0-100dB      | 220-240V AC/50-60 Hz | 6VA         | 374,5 gr.    |

The packaging contains 36pcs.



HOTEL ACCESS



# HOTEL ACCESS - RFID



| Type | Code | Description | Operation Voltage | Gross Weight |
|------|------|-------------|-------------------|--------------|
|------|------|-------------|-------------------|--------------|

## DOOR LOCK, LIGHTING AND AIR-CONDITIONING CONTROL CIRCUITS WITH RFID TECHNOLOGY

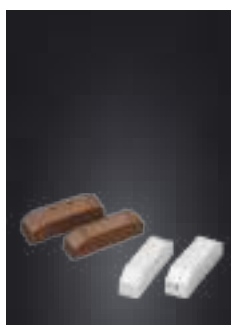
|           |           |                                                                       |                     |         |
|-----------|-----------|-----------------------------------------------------------------------|---------------------|---------|
| RF-50     | 930050001 | Access RFID card for RF-52/A, RF-52/A/D, RF-53/A                      | -                   | 6 gr.   |
| RF-50/T   | 930050002 | Laser RFID printed access card for RF-52/A, RF-52/A/D, RF-53/A        |                     | 6 gr.   |
| RF-52/A   | 930052002 | IP 65, RFID card switch for RF-54/A                                   | Powered by RF-54/A  | 137 gr. |
| RF-52/A/D | 930052003 | IP 65, RFID card switch for RF-54/A with display                      | Powered by RF-54/A  | 153 gr. |
| RF-53/A   | 930053002 | RFID card switch for RF-54/A                                          | Powered by RF-54/A  | 97 gr.  |
| RF-54/A*  | 930054002 | Door lock, lighting & A/C control unit (2x20A)resistive/12A inductive | 170-265V AC/50-60Hz | 260 gr. |
| A-42      | 927042000 | Recess mounting base                                                  |                     | 92 gr.  |



| Type | Code | Description | Operation Voltage | Gross weight |
|------|------|-------------|-------------------|--------------|
|------|------|-------------|-------------------|--------------|

## LIGHTING & AIR-CONDITIONING CONTROL UNITS WITH RFID TECHNOLOGY

|           |           |                                                                               |      |         |
|-----------|-----------|-------------------------------------------------------------------------------|------|---------|
| RF-42     | 930042000 | IP 65, RFID card switch for RF-57/A                                           | 12V  | 135 gr. |
| RF-43     | 930043100 | RFID card switch for RF-57/A (For plaster box)                                | 12V  | 99 gr.  |
| RF-51/A   | 930051002 | Access card for lighting for RF-42, RF-43                                     | -    | 6 gr.   |
| RF-51/A/T | 930051004 | Laser printed access card for lighting                                        | -    | 6 gr.   |
| RF-51/B   | 930051003 | Access card for lighting & A/C                                                | -    | 6 gr.   |
| RF-51/B/T | 930051005 | Laser printed access card for lighting & A/C                                  | -    | 6 gr.   |
| RF-57/A*  | 930057004 | Control unit for lighting and air-conditioning (2x20A)resistive/12A inductive | 230V | 303 gr. |
| A-42      | 927042000 | Recess mounting base                                                          | -    | 92 gr.  |



| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

## MAGNETIC TRAPS

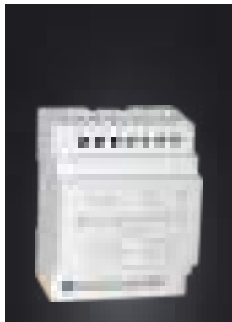
|           |           |                          |         |
|-----------|-----------|--------------------------|---------|
| BS-429/B* | 980142902 | Magnetic trap (brown) NC | 21 gr.  |
| BS-429/W* | 980142900 | Magnetic trap (white) NC | 21 gr.  |
| BS-449/B* | 980144901 | Magnetic trap (brown) NC | 11 gr.  |
| BS-449/W* | 980144900 | Magnetic trap (white) NC | 13 gr.  |
| BS-439/B* | 980143901 | Magnetic trap (brown) NC | 9 gr.   |
| BS-439/W* | 980143900 | Magnetic trap (white) NC | 9,5 gr. |

\*Trade products



# MAGNETIC & COMMON CARD SWITCHES

| Type                          | Code      | Description                                                 | Operation Voltage   | Gross Weight |
|-------------------------------|-----------|-------------------------------------------------------------|---------------------|--------------|
| <b>MAGNETIC CARD SWITCHES</b> |           |                                                             |                     |              |
| GR-43                         | 930043000 | Magnetic card switch for GR-45/A, GR-46/A, GR-47/A, GR-57/A | -                   | 125 gr.      |
| GR-50                         | 930050000 | Magnetic card switch for relay connection 230V/1Amp         | 220-240V AC/50-60Hz | 121 gr.      |
| GR-44                         | 930044000 | Magnetic card for GR-43 & GR-50                             | -                   | 24 gr.       |
| GR-44/T                       | 930044100 | Laser printed magnetic card for GR-43 & GR-50 laser         | -                   | 24 gr.       |



| Type                 | Code      | Description                                                               | Operation Voltage   | Gross weight |
|----------------------|-----------|---------------------------------------------------------------------------|---------------------|--------------|
| <b>CONTROL UNITS</b> |           |                                                                           |                     |              |
| GR-56/A              | 930056002 | Room lighting controller (20A resistive/12A inductive)                    | 220-240V AC/50-60Hz | 305 gr.      |
| GR-57/A              | 930057003 | Room lighting & A/C controller with delay (2x20A resistive/12A inductive) | 220-240V AC/50-60Hz | 303 gr.      |



| Type                        | Code      | Description                                         | Operation Voltage   | Gross weight |
|-----------------------------|-----------|-----------------------------------------------------|---------------------|--------------|
| <b>COMMON CARD SWITCHES</b> |           |                                                     |                     |              |
| GR-48                       | 930048000 | Power supply card switch 5A/230V                    | 220-240V AC/50-60Hz | 100 gr.      |
| GR-48/DELAY                 | 930048004 | Card switch with delay 2A resistive/100mA inductive | 220-240V AC/50-60Hz | 117 gr.      |
| GR-49                       | 930049000 | Card for GR-48                                      | -                   | 15 gr.       |
| GR-49/T                     | 930049100 | Laser printed card for GR-48                        | -                   | 15 gr.       |



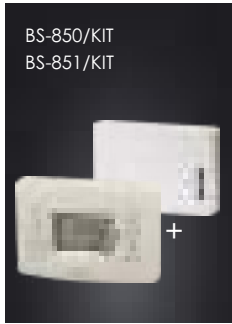
| Type              | Code      | Description                                            | Operation Voltage   | Gross weight |
|-------------------|-----------|--------------------------------------------------------|---------------------|--------------|
| <b>INDICATORS</b> |           |                                                        |                     |              |
| GR-52             | 923052000 | Presence LED indicator                                 | 220-240V AC/50-60Hz | 71,5 gr.     |
| RF-58             | 930058000 | Presence LED indicator (red & green LED)               | 220-240V AC/50-60Hz | 82 gr.       |
| RF-58/T           | 930058001 | Laser printed presence LED indicator (red & green LED) | 220-240V AC/50-60Hz | 82 gr.       |

## ACCESSORIES - ROSETTES FOR RF-58 & RF-58/T

| Type    | Code    | Color                     | Gross Weight | Type   | Code       | Color                     | Gross Weight |
|---------|---------|---------------------------|--------------|--------|------------|---------------------------|--------------|
| ROUNDED | A-82/G  | Gold                      | 17 gr.       | SQUARE | A-82/G/SQ  | Gold                      | 17 gr.       |
|         | A-82/SL | Silver - pink pearlescent | 17 gr.       |        | A-82/SL/SQ | Silver - pink pearlescent | 17 gr.       |
|         | A-82/Ni | Nickel                    | 17 gr.       |        | A-82/W/SQ  | White                     | 17 gr.       |



THERMOSTATS



IP20

OLYMPIA  
ELECTRONICS  
THERMOSTAT



| Type | Code | Description | Output | Gross weight |
|------|------|-------------|--------|--------------|
|------|------|-------------|--------|--------------|

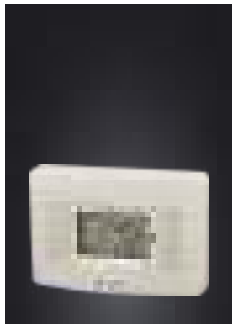
#### WIRELESS PROGRAMMABLE WiFi ROOM CHRONOTHERMOSTATS WITH 2 BATTERIES AA

|            |           |                               |           |         |
|------------|-----------|-------------------------------|-----------|---------|
| BS-850/KIT | 940850000 | With burner output            | 5A/250V   | 490 gr. |
| BS-851/KIT | 940851000 | With burner and boiler output | 2x5A/250V | 504 gr. |

| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

#### ADDITIONAL DEVICES FOR WIRELESS WiFi THERMOSTATS

|          |           |                                                                         |         |
|----------|-----------|-------------------------------------------------------------------------|---------|
| BS-850/R | 940850001 | Receiver of wireless programmable WiFi thermostat                       | 175 gr. |
| BS-851/R | 940851001 | Receiver of wireless programmable WiFi thermostat with boiler output    | 175 gr. |
| BS-850/T | 940850002 | Transmitter of wireless programmable WiFi thermostat                    | 200 gr. |
| BS-851/T | 940851002 | Transmitter of wireless programmable WiFi thermostat with boiler output | 200 gr. |



IP20

| Type | Code | Description | Output | Gross weight |
|------|------|-------------|--------|--------------|
|------|------|-------------|--------|--------------|

#### PROGRAMMABLE ELECTRONIC ROOM THERMOSTATS WITH 2 ALKALINE BATTERIES AA

|        |           |                                 |              |           |
|--------|-----------|---------------------------------|--------------|-----------|
| BS-812 | 940812000 | With burner output              | 5A-250V AC   | 218 gr.   |
| BS-813 | 940813000 | With burner and boiler outputs  | 2x5A-250V AC | 228,5 gr. |
| BS-814 | 940814000 | With relay for heating elements | 12A-250V AC  | 227 gr.   |



| Type | Code | Description | Output | Gross weight |
|------|------|-------------|--------|--------------|
|------|------|-------------|--------|--------------|

#### WIRELESS PROGRAMMABLE ROOM THERMOSTATS WITH 2 BATTERIES AA

|            |           |                                                    |              |           |
|------------|-----------|----------------------------------------------------|--------------|-----------|
| BS-818/KIT | 940818000 | With output for burner (IP 65 Receiver)            | 5A/250V AC   | 488,5 gr. |
| BS-819/KIT | 940819000 | With output for burner and boiler (IP 65 Receiver) | 2x5A/250V AC | 497,5 gr. |
| BS-820/KIT | 940820001 | With output for burner (IP 20 Receiver)            | 5A/250V AC   | 490 gr.   |
| BS-821/KIT | 940821001 | With output for burner and boiler (IP 20 Receiver) | 2x5A/250V AC | 493 gr.   |

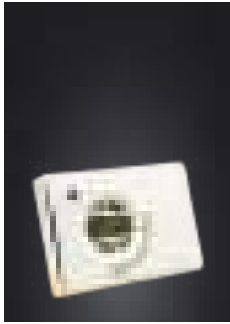


| Type | Code | Description | Gross weight |
|------|------|-------------|--------------|
|------|------|-------------|--------------|

#### ACCESSORIES FOR THE WIRELESS THERMOSTATS

|          |           |                                                                               |           |
|----------|-----------|-------------------------------------------------------------------------------|-----------|
| BS-818/T | 940818001 | Transmitter of wireless thermostat BS-818 with 2 batteries AA                 | 212,5 gr. |
| BS-819/T | 940819001 | Transmitter of wireless thermostat BS-819, output for boiler & 2 batteries AA | 212,5 gr. |
| BS-818/R | 940818002 | IP65 Receiver for wireless Thermostat                                         | 269 gr.   |
| BS-819/R | 940819002 | IP65 Receiver for wireless thermostat BS-819 with boiler output               | 275 gr.   |
| BS-820/R | 940820002 | IP20 Receiver for wireless thermostat BS-818                                  | 237 gr.   |
| BS-821/R | 940821002 | IP20 Receiver for wireless thermostat BS-819 with boiler output               | 245 gr.   |





# THERMOSTATS



IP20

| Type | Code | Consumption | Air heater Output/<br>Circulator Output | Gross<br>Weight |
|------|------|-------------|-----------------------------------------|-----------------|
|------|------|-------------|-----------------------------------------|-----------------|

## ENERGY FIREPLACE THERMOSTAT WITH SPEED ADJUSTMENT 220-240V AC

|        |           |              |                 |         |
|--------|-----------|--------------|-----------------|---------|
| BS-840 | 940840000 | max 3VA/2,5W | Adj. up to 200W | 377 gr. |
|--------|-----------|--------------|-----------------|---------|



IP20

| Type | Code | Consumption | Air heater Output/<br>Circulator Output | Gross<br>Weight |
|------|------|-------------|-----------------------------------------|-----------------|
|------|------|-------------|-----------------------------------------|-----------------|

## RECESSED, ENERGY FIREPLACE THERMOSTAT WITH SPEED ADJUSTMENT 220-240V AC

|        |           |              |                 |           |
|--------|-----------|--------------|-----------------|-----------|
| BS-841 | 940841000 | max 3VA/2,5W | Adj. up to 200W | 371,5 gr. |
|--------|-----------|--------------|-----------------|-----------|



IP20

| Type | Code | Consumption | Air heater Output/<br>Circulator Output | Gross<br>Weight |
|------|------|-------------|-----------------------------------------|-----------------|
|------|------|-------------|-----------------------------------------|-----------------|

## RECESSED THERMOSTAT FOR WOOD BURNERS WITH SPEED ADJUSTMENT ABILITY OF TWO SENSORS 220-240 AC

|          |           |              |                           |           |
|----------|-----------|--------------|---------------------------|-----------|
| BS-844/2 | 940844002 | max 3VA/2,5W | Up to 200W/<br>Up to 150W | 412,5 gr. |
|----------|-----------|--------------|---------------------------|-----------|

## ACCESSORIES FOR ENERGY FIREPLACE & WOODBURNER

|         |           |                                                   |  |        |
|---------|-----------|---------------------------------------------------|--|--------|
| A-844/2 | 927844000 | Type J temperature sensor 450°C for BS-844/2      |  | 84 gr. |
| A-840   | 927840000 | Temperature sensor up to 250°C for BS-840-841-844 |  | 70 gr. |
| B-844/2 | 927844001 | Temperature sensor up to 120°C for BS-844/2       |  | 75 gr. |



IP20

| Type | Code | Description | Consumption | Output | Gross<br>Weight |
|------|------|-------------|-------------|--------|-----------------|
|------|------|-------------|-------------|--------|-----------------|

## BIMETALLIC ROOM THERMOSTATS 220-240V AC/50-60HZ

|         |           |                                               |   |                    |         |
|---------|-----------|-----------------------------------------------|---|--------------------|---------|
| BS-900* | 980190000 | Bimetallic room thermostat                    | - | Contact 230V/8A    | 124 gr. |
| BS-901* | 980901000 | Bimetallic room thermostat with boiler output |   | Contact 230V/2x10A | 124 gr. |

\* Trade products



# TEMPERATURE LOGGER FOR PROFESSIONAL USE



IP20

| Type | Code | Voltage | Consumption | Sensor | Measuring range | Gross weight |
|------|------|---------|-------------|--------|-----------------|--------------|
|------|------|---------|-------------|--------|-----------------|--------------|

## WI-FI TEMPERATURE LOGGER

|               |           |             |        |          |                      |        |
|---------------|-----------|-------------|--------|----------|----------------------|--------|
| S2W-Temp*     | 980000900 | 3,3 – 5V DC | 120 mA | Internal | -55°C up to +125°C   | 96 gr. |
| S2W-Temp+*    | 980000901 | 3,3 – 5V DC | 120 mA | External | -200°C up to +1000°C | 96 gr. |
| S2W-Temp-Ext* | 980000902 | 3,3 – 5V DC | 120 mA | External | -55°C up to +125°C   | 96 gr. |

\*Trade products



| Type | Code | Voltage | Consumption | Sensor | Measuring Range<br>Temperature / Humidity | Gross weight |
|------|------|---------|-------------|--------|-------------------------------------------|--------------|
|------|------|---------|-------------|--------|-------------------------------------------|--------------|

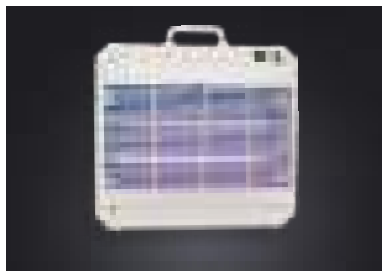
## WI-FI TEMPERATURE - HUMIDITY LOGGER

|               |           |             |        |          |                            |        |
|---------------|-----------|-------------|--------|----------|----------------------------|--------|
| S2W-Humi*     | 980000903 | 3,3 – 5V DC | 120 mA | Internal | -40°C up to +120°C/20%-80% | 96 gr. |
| S2W-Humi+*    | 980000904 | 3,3 – 5V DC | 120 mA | Internal | -40°C up to +125°C/0%-100% | 96 gr. |
| S2W-Humi-Ext* | 980000905 | 3,3 – 5V DC | 120 mA | External | -40°C up to +125°C/0%-100% | 96 gr. |

\*Trade products







# ELECTRIC INSECT TRAP

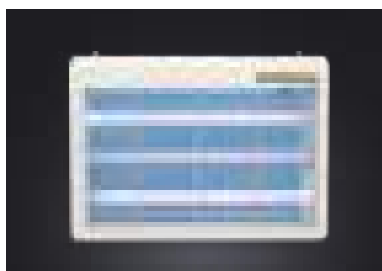
## WITH HIGH VOLTAGE GRID



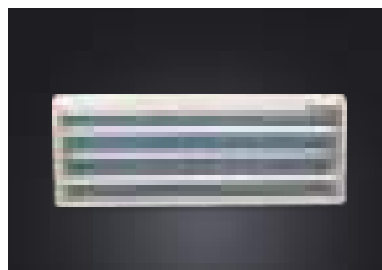
| Type                                                           | Code      | Lamps          | Consumption | Covering Area     | Gross weight |
|----------------------------------------------------------------|-----------|----------------|-------------|-------------------|--------------|
| <b>ELECTRIC INSECT TRAP WITH HIGH VOLTAGE GRID 220-240V AC</b> |           |                |             |                   |              |
| RT-11                                                          | 925011000 | BL 2 x 8W (T5) | 30VA        | 40 m <sup>2</sup> | 2265 gr.     |



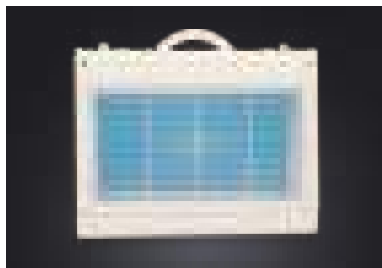
| Type                                                           | Code      | Lamps           | Consumption | Covering Area     | Gross weight |
|----------------------------------------------------------------|-----------|-----------------|-------------|-------------------|--------------|
| <b>ELECTRIC INSECT TRAP WITH HIGH VOLTAGE GRID 220-240V AC</b> |           |                 |             |                   |              |
| RT-12                                                          | 925012000 | BL 2 x 15W (T8) | 100VA       | 80 m <sup>2</sup> | 5665,5 gr.   |



| Type                                                                                            | Code      | Lamps           | Consumption | Covering Area      | Gross weight |
|-------------------------------------------------------------------------------------------------|-----------|-----------------|-------------|--------------------|--------------|
| <b>ELECTRIC INSECT TRAPS WITH HIGH VOLTAGE GRID (SUITABLE FOR PROFESSIONAL USE) 220-240V AC</b> |           |                 |             |                    |              |
| RT-14                                                                                           | 925014000 | BL 3 x 18W (T8) | 170VA       | 160 m <sup>2</sup> | 8850 gr.     |



| Type                                                           | Code      | Lamps           | Consumption | Covering Area      | Gross weight |
|----------------------------------------------------------------|-----------|-----------------|-------------|--------------------|--------------|
| <b>ELECTRIC INSECT TRAP WITH HIGH VOLTAGE GRID 220-240V AC</b> |           |                 |             |                    |              |
| RT-15                                                          | 925015000 | BL 3 x 36W (T8) | 270VA       | 360 m <sup>2</sup> | 18551 gr.    |



# INSECT TRAPS

## ELECTRICAL WITH GLUE



| Type | Code | Lamps | Consumption | Covering Area | Gross weight |
|------|------|-------|-------------|---------------|--------------|
|------|------|-------|-------------|---------------|--------------|

### ELECTRIC INSECT TRAPS WITH GLUE from the "FOODY'S FLYTRAP" series 220-240V AC

|             |           |                     |     |                    |            |
|-------------|-----------|---------------------|-----|--------------------|------------|
| RT-22       | 925022000 | BL 2x15W (T8)       | 48W | 80 m <sup>2</sup>  | 4221 gr.   |
| RT-22/HACCP | 925022100 | 2x15W BL/HACCP (T8) | 48W | 80 m <sup>2</sup>  | 4248 gr.   |
| RT-24       | 925024000 | BL 4x15W (T8)       | 95W | 160 m <sup>2</sup> | 4862,5 gr. |
| RT-24/HACCP | 925024100 | 4x15W BL/HACCP (T8) | 95W | 160 m <sup>2</sup> | 4935,5 gr. |

### SPARE PARTS

| Type   | Code      | Description                                            | Gross weight |
|--------|-----------|--------------------------------------------------------|--------------|
| A-1050 | 927105000 | Glue board for RT-22 (single sided) 42x20,5cm          | 106 gr.      |
| A-1052 | 927105200 | Glue board for RT-24 (double sided) 42x20,5cm          | 116 gr.      |
| A-1024 | 801822012 | Protective grid (transparent) for RT-12, RT-22 & RT-24 | 393 gr.      |



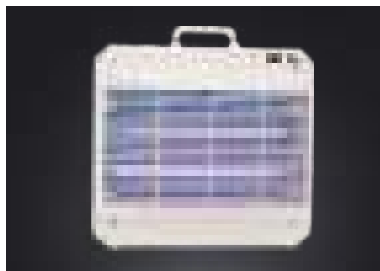
| Type | Code | Lamps | Consumption | Covering Area | Gross weight |
|------|------|-------|-------------|---------------|--------------|
|------|------|-------|-------------|---------------|--------------|

### ELECTRIC INSECT TRAPS WITH GLUE from the "DELUXE FLYTRAP" series 220-240V AC

|                |           |                    |     |                   |          |
|----------------|-----------|--------------------|-----|-------------------|----------|
| RT-30          | 925030000 | BL 2x8W (T5)       | 19W | 40 m <sup>2</sup> | 1318 gr. |
| RT-30/SL       | 925030100 | BL 2x8W (T5)       | 19W | 40 m <sup>2</sup> | 1349 gr. |
| RT-30/HACCP    | 925030200 | 2x8W BL/HACCP (T5) | 19W | 40 m <sup>2</sup> | 1338 gr. |
| RT-30/HACCP/SL | 925030300 | 2x8W BL/HACCP (T5) | 19W | 40 m <sup>2</sup> | 1328 gr. |
| RT-36          | 925036000 | PL 26W BL          | 34W | 60 m <sup>2</sup> | 1318 gr. |
| RT-36/SL       | 925036100 | PL 26W BL          | 34W | 60 m <sup>2</sup> | 1437 gr. |

### SPARE PARTS

| Type   | Code      | Description                                     | Gross weight |
|--------|-----------|-------------------------------------------------|--------------|
| A-1030 | 980103000 | Protective bird grid (in case of external use)  | 228 gr.      |
| A-1048 | 927104800 | Glue board for "Deluxe Fly" (12 pieces) 34x19cm | 254 gr.      |



# INSECT TRAPS

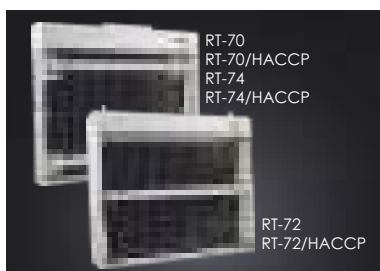
## ELECTRICAL WITH GLUE



| Type                                                           | Code      | Lamps        | Consumption | Covering Area     | Gross weight |
|----------------------------------------------------------------|-----------|--------------|-------------|-------------------|--------------|
| <b>ELECTRIC INSECT TRAP WITH HIGH VOLTAGE GRID 220-240V AC</b> |           |              |             |                   |              |
| RT-20                                                          | 925020000 | BL 2x8W (T5) | 16W/30VA    | 40 m <sup>2</sup> | 1931,5 gr.   |

### SPARE PARTS

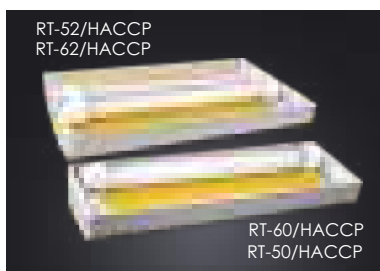
| Type   | Code      | Description                           | Gross weight |
|--------|-----------|---------------------------------------|--------------|
| A-1049 | 705010502 | Replacement tab for RT-20 (25,5x20cm) | 58,5 gr.     |



| Type                                               | Code      | Lamps                     | Consumption | Covering Area      | Gross weight |
|----------------------------------------------------|-----------|---------------------------|-------------|--------------------|--------------|
| <b>ELECTRIC INSECT TRAPS WITH GLUE 220-240V AC</b> |           |                           |             |                    |              |
| RT-70                                              | 925070000 | BL 2x15W (T8)             | 51W/100VA   | 40 m <sup>2</sup>  | 3182 gr.     |
| RT-70/HACCP                                        | 925070001 | HACCP 2x15W (T8)          | 51W/100VA   | 40 m <sup>2</sup>  | 3647 gr.     |
| RT-72                                              | 925072000 | BL 2x15W (2sided) (T8)    | 100VA       | 80 m <sup>2</sup>  | 3650 gr.     |
| RT-72/HACCP                                        | 925072001 | HACCP 2x15W (2sided) (T8) | 100VA       | 80 m <sup>2</sup>  | 4115 gr.     |
| RT-74                                              | 925074000 | BL 4x15W (2sided) (T8)    | 210VA       | 160 m <sup>2</sup> | 4650 gr.     |
| RT-74/HACCP                                        | 925074001 | HACCP 4x15W (2sided) (T8) | 210VA       | 160 m <sup>2</sup> | 5115 gr.     |

### SPARE PARTS

| Type   | Code      | Description                                       | Gross weight |
|--------|-----------|---------------------------------------------------|--------------|
| A-1055 | 927105500 | Glue board (10 pieces) 46x32cm                    | 545 gr.      |
| A-1056 | 927105600 | Glue board for RT-72 & RT-74 (10 pieces.) 46x32cm | 1324 gr.     |



| Type                                                                                             | Code      | Lamps         | Consumption | Covering Area      | Gross weight |
|--------------------------------------------------------------------------------------------------|-----------|---------------|-------------|--------------------|--------------|
| <b>ELECTRIC INSECT TRAPS WITH GLUE from the "PROFESSIONAL DELUXE FLYTRAP" series 220-240V AC</b> |           |               |             |                    |              |
| RT-50/HACCP                                                                                      | 925050000 | BL 1x18W (T8) | 87VA        | 80 m <sup>2</sup>  | 2704,5 gr.   |
| RT-52/HACCP                                                                                      | 925052000 | BL 2x18W (T8) | 147VA       | 160 m <sup>2</sup> | 5880 gr.     |
| RT-60/HACCP                                                                                      | 925060000 | BL 1x36W (T8) | 93VA        | 180 m <sup>2</sup> | 4472 gr.     |
| RT-62/HACCP                                                                                      | 925062000 | BL 2x36W (T8) | 167VA       | 360 m <sup>2</sup> | 8460 gr.     |

### SPARE PARTS

| Type   | Code      | Description                             | Gross weight |
|--------|-----------|-----------------------------------------|--------------|
| A-1068 | 927106800 | Glue board for "Deluxe Fly" (12 pieces) | 559 gr.      |







# MARKING SIGNS

For orders that require new designs upon clients' demand there will be additional cost.



SP-214/S229



SP-214/S228



SP-214/S232



SP-215/S65R  
SP-216/S65R

Please mention the type of the sign with extension of the required marking diagram e.g. SP-214/S229

| Type | Code | Description |
|------|------|-------------|
|------|------|-------------|

## MARKING SIGNS PVC from the "SAFETY PANEL" series

|                |           |                                                                        |
|----------------|-----------|------------------------------------------------------------------------|
| SP-210/Ph      | 980221000 | Marking sign from PVC with 0.75mm thickness (10x10cm) fluorescent      |
| SP-214         | 980221400 | Marking sign from PVC with 0.75mm thickness (21x21cm)                  |
| SP-214/Ph/S229 | 980221401 | Marking sign from PVC with 0.75mm thickness (21x21cm) fluorescent      |
| SP-214/Ph/S252 | 980221402 | Marking sign from PVC with 0.75mm thickness (21x21cm) fluorescent      |
| SP-214/Ph/S228 | 980221403 | Marking sign from PVC with 0.75mm thickness (21x21cm) fluorescent      |
| SP-215         | 980221500 | Marking sign from PVC with 0.75mm thickness (13.5x 31.5cm)             |
| SP-215/Ph      | 980221501 | Marking sign from PVC with 0.75mm thickness (13.5x 31.5cm) fluorescent |
| SP-216         | 980221600 | Marking sign from PVC with 0.75mm thickness (13.5x 31.5cm) fluorescent |



S60L



S60R



S60D



S65L



S65R



S65D

Please mention the type of the sign with extension of the required marking diagram e.g. S-00800/S65L

## LEGENDS / MARKING SIGNS

|         |                 |                                                                                     |
|---------|-----------------|-------------------------------------------------------------------------------------|
| S-00800 | 807008000       | Exit sticker 215x65 mm for the "Slim Light" luminaires                              |
| S-10800 | 807108000       | Exit sticker 195x90mm for the "Classic Light" & "Comfort Light" luminaires          |
| S-10060 | 807100600       | Exit sticker 240x95mm for the GR-1006/9L/-, GR-1006 luminaires                      |
| S-10090 | 807100900       | Exit sticker 240x100mm for the GR-1009/L luminaires                                 |
| S-11100 | 807110000       | Exit sticker 260x80mm for the "Professional Light" luminaires                       |
| S-31100 | 807310000       | Exit sticker 280x110mm for the "Easy Light" luminaires                              |
| S-31101 | 807310002       | Exit sticker 242x131mm for the "Easy Light" luminaires                              |
| S-13100 | 807131000       | Exit sticker 238x139mm for the "Easy Light" luminaires                              |
| S-51100 | 807510000       | Exit sticker 310x140mm for the "Double Light" luminaires                            |
| S-91100 | 807910000       | Exit sticker 260x120mm for the "Global Light" luminaires                            |
| S-93593 | 705690016/17/18 | Exit sticker 260x120mm (waterproof) for the "Weather Light" luminaires              |
| S-1938  | 705693006/7/8   | Exit sticker 220x110mm (waterproof) for the "Weather Light" luminaires              |
| S-2000  | 807200000       | Exit sticker 205x90 mm for the "Slim LEDs Light" luminaires                         |
| SP-114  | 922114000       | Double sided PVC 6mm marking panel PVC 6mm for the "Easy Light" GR-310 luminaires   |
| SP-115  | 922115000       | Double sided PVC 6mm marking panel PVC 6mm for the "Comfort Light" luminaires       |
| SP-116  | 922116000       | Double sided PVC 6mm marking panel PVC 6mm for the "Easy Light" GR-3xx/A luminaires |

## LEGENDS / MARKING OVERLAY (MLD, SLD, ZLD, PLD, CLD, KLD)

|          |           |                                                   |
|----------|-----------|---------------------------------------------------|
| SW-28/L  | 804012228 | Marking overlay, left indication (GR-xLD28)       |
| SW-28/R  | 804012028 | Marking overlay, right indication (GR-xLD28)      |
| SW-28/DR | 804012128 | Marking overlay, down right indication (GR-xLD28) |
| SW-28/DL | 804012328 | Marking overlay, down left indication (GR-xLD28)  |
| SW-28/UL | 804012429 | Marking overlay, up left indication (GR-xLD28)    |
| SW-28/UR | 804012428 | Marking overlay, up right indication (GR-xLD28)   |
| SW-34/R  | 804012034 | Marking overlay, right indication (GR-xLD34)      |
| SW-34/L  | 804012534 | Marking overlay, left indication (GR-xLD34)       |
| SW-34/DR | 804012134 | Marking overlay, down right indication (SLD-34)   |
| SW-34/DL | 804012634 | Marking overlay, down left indication (SLD-34)    |
| SW-34/UR | 804012234 | Marking overlay, up right indication (SLD-34)     |
| SW-34/UL | 804012235 | Marking overlay, up left indication (SLD-34)      |
| SW-44/R  | 804013444 | Marking overlay, right indication (GR-xLD44)      |
| SW-44/L  | 804013544 | Marking overlay, left indication (SLD-44)         |
| SW-44/DR | 804014444 | Marking overlay, down right indication (SLD-44)   |
| SW-44/DL | 804014544 | Marking overlay, down left indication (SLD-44)    |
| SW-44/UR | 804012444 | Marking overlay, up right indication (GR-xLD44)   |
| SW-44/UL | 804012445 | Marking overlay, up left indication (GR-xLD44)    |

# MARKING SIGNS

They are installed in areas where it is vital to guide and inform the public without the need of emergency illumination.

The symbols below comply with the European Norms.

|                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| SAFE CONDITION SIGNS   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FIRE EQUIPMENT SIGNS   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MANDATORY ACTION SIGNS |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROHIBITION SIGNS      |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WARNING SIGNS          |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |  |  |  |  |  |  |  |  |  |  |  |  |  |

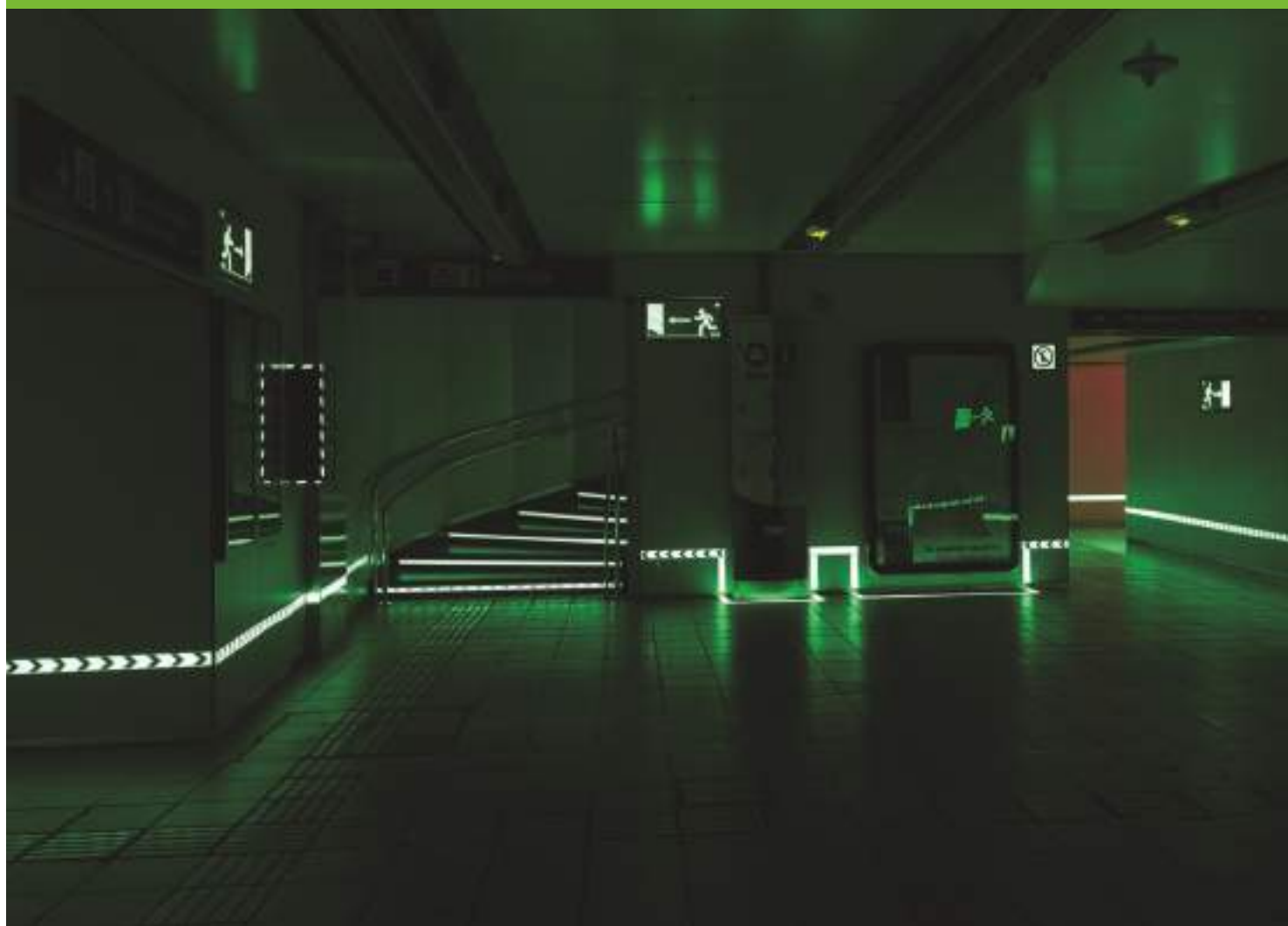
# PHOTO LUMINESCENT MARKING SIGNS FOR SHIPS

The symbols below comply with the European Norms.





PHOTO LUMINESCENT MARKING SIGNS





## Why you should use photoluminescent marking signs in your facilities?

Emergencies can happen every day. The stress of the need to evacuate a room in a emergency situation, might have a negative effect on the way people respond to the emergency, think clearly and act calmly. It is therefore important to emphasize the importance of correctly marking escape routes with absolute clarity in all public areas such as hotels, hospitals, offices, schools, shopping centers, metro stations, buses and trains, tunnels and other facilities.

### Are there any signs in the exit pathways of your facilities ?

If the lights go off in the next five minutes, everyone on your facilities will be able to...

- Find the exit?
- Move through the corridors and in the rooms without stumbling on something ?
- Find the staircase? Be able to recognize in which staircase they are on? On which floor they are? All the in and exit signs?
- Recognize the main exit?
- Find the emergency communication devices?
- Locate the first aid kit, blankets and shelter zones?

Add to the situation in which there is a large smoke concentration on a emergency situation.

- The people should crawl, not walk.
- Now repeat the same questions having in mind that most of the emergency marking signs cannot be seen with the smoke.
- Taking into account the reasons listed above, most of the European nations, the USA and other countries in the world have standards that make the luminescent marking signs necessary.

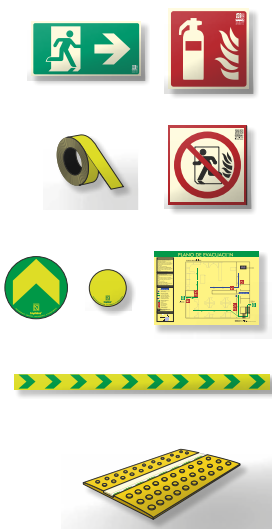
**This is the reason why the photoluminescent marking signs should accompany the emergency lighting for the signaling of the exit pathways.**

### How do photoluminescent products work?

Photoluminescent products absorb and store energy from normal ambient light, then release this energy in the form of light when the room is dark. Under unexpected power loss situations, the material provides an effective bright contrast for text and graphical symbols and ensures that safety messages are quickly recognized. This assists people to orientate themselves and evacuate efficiently.

## Where can they be used?

Photoluminescent markings can be used for everything that is important to locate, specially in complete darkness. For example :



- Fire-fighting equipment and escape route signs should be clearly marked for fast reaction in an emergency
- Exit routes, easy to locate exit doors and emergency exits.
- Exit doors, emergency exits and non-exit doors should be all identified to avoid confusion and choosing wrong pathways.
- Emergency procedures, potential hazards and obstructions along the route should also be marked to avoid injuries
- "You are here" Evacuation Plans should be located at strategic locations throughout the facility for those not familiar with the floor plan
- Low Location Lighting systems are effective even in smoke-filled rooms and corridors
- Directional markings on the level of the floor make the search for the exit simple because the only thing necessary is to follow the arrows
- High visible markings on handrails, treads and risers on stairs and ramps will help to prevent accidents in the rush to evacuate

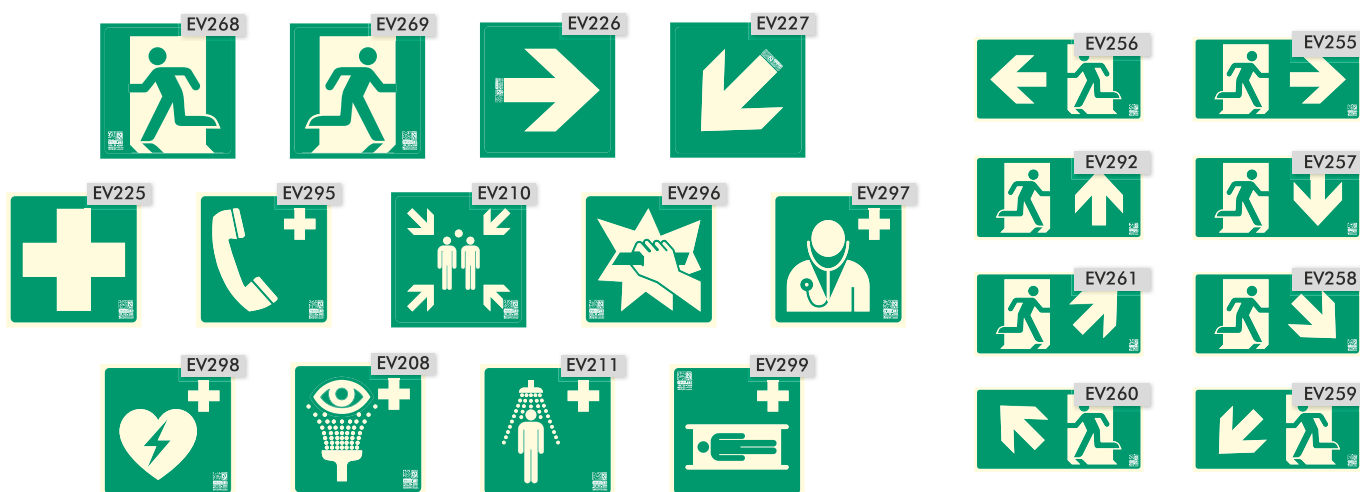
# PHOTO LUMINESCENT MARKING SIGNS (CLASS C)

Manufactured according to the standards (ISO 7010, ISO 16069 and ISO 3864)

## FIRE FIGHTING EQUIPMENT SIGNS



## ESCAPE ROUTE SIGNS



We can also manufacture any sign according to client requirements: Any text, size, base material and photoluminescent level up to 720mcd/m<sup>2</sup> (10 minutes)

## EMBOSSED MARKINGS FOR THE VISUALLY IMPAIRED



# PHOTO LUMINESCENT MARKING SIGNS & TAPES

## PLACEMENT ON FLOORS, WALLS, STAIRS, DOORS AND TURNS

### FLOORS

|  | Type    | Dimensions<br>in cm | Thickness<br>in mm | Rails<br>Bars | Anti-<br>graffiti | Slip<br>Resistant | 3M | Description           |
|--|---------|---------------------|--------------------|---------------|-------------------|-------------------|----|-----------------------|
|  | BA0101L | 5 x 100             | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Prohibited Areas      |
|  | BA0102L | 5 x 100             | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Hazard warning        |
|  | BA0103L | 6 x 100             | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Floor marking         |
|  | BA0104L | 10 x 100            | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Platform edge marking |

### WALLS

|  | Type    | Dimensions<br>in cm | Thickness<br>in mm | Rails<br>Bars | Anti-<br>graffiti | Slip<br>Resistant | 3M | Description                                    |
|--|---------|---------------------|--------------------|---------------|-------------------|-------------------|----|------------------------------------------------|
|  | BA0201L | 6 x 100             | 0.5                | ✗             | ✓                 | ✗                 | ✓  | To paste on walls with antigraffiti            |
|  | BA0202L | 6 x 100             | 0.5                | ✗             | ✗                 | ✗                 | ✓  | To paste on walls                              |
|  | BA0203L | 6 x 100             | 0.7                | ✓             | ✗                 | ✗                 | ✗  | To paste on aluminium rail                     |
|  | BA0204L | 6 x 100             | 0.7                | ✓             | ✓                 | ✗                 | ✗  | For aluminium rail (anti graffiti ability)     |
|  | BA0205L | 6 x 100             | 0.5                | ✗             | ✓                 | ✗                 | ✓  | One dir. to fix on walls antigraffiti          |
|  | BA0206L | 6 x 100             | 0.5                | ✗             | ✗                 | ✗                 | ✓  | One direction strip to fix on walls            |
|  | BA0207L | 6 x 100             | 0.7                | ✓             | ✗                 | ✗                 | ✗  | One dir. strip for paste on aluminium rail     |
|  | BA0208L | 6 x 100             | 0.7                | ✓             | ✓                 | ✗                 | ✗  | One dir. strip antigraffiti for aluminium rail |

### ASCENDING STAIRS

|  | Type    | Dimensions<br>in cm | Thickness<br>in mm | Rails<br>Bars | Anti-<br>graffiti | Slip<br>Resistant | 3M | Description                                  |
|--|---------|---------------------|--------------------|---------------|-------------------|-------------------|----|----------------------------------------------|
|  | BA0301L | 3,5 x 100           | 0.5                | ✗             | ✓                 | ✗                 | ✓  | First step strip with antigraffiti           |
|  | BA0302L | 3,5 x 100           | 0.7                | ✓             | ✓                 | ✗                 | ✗  | First step strip, antigraffiti for aluminium |
|  | BA0303L | 3,5 x 100           | 0.5                | ✗             | ✗                 | ✗                 | ✓  | First step strip                             |
|  | BA0304L | 3,5 x 100           | 0.7                | ✓             | ✗                 | ✗                 | ✗  | First step strip for aluminium rail          |
|  | BA0309L | 6 x 100             | 0.7                | ✓             | ✓                 | ✗                 | ✗  | First step strip, antigraffiti for aluminium |
|  | BA0305L | 3,5 x 100           | 0.7                | ✓             | ✓                 | ✗                 | ✗  | For aluminium rail with antigraffiti         |
|  | BA0306L | 3,5 x 100           | 0.5                | ✗             | ✓                 | ✗                 | ✓  | To paste on stairs with antigraffiti         |
|  | BA0307L | 3,5 x 100           | 0.7                | ✓             | ✗                 | ✗                 | ✗  | For aluminium rail                           |
|  | BA0308L | 3,5 x 100           | 0.5                | ✗             | ✗                 | ✗                 | ✓  | To paste on stairs                           |

### DESCENDING STAIRS

|  | Type    | Dimensions<br>in cm | Thickness<br>in mm | Rails<br>Bars | Anti-<br>graffiti | Slip<br>Resistant | 3M | Description        |
|--|---------|---------------------|--------------------|---------------|-------------------|-------------------|----|--------------------|
|  | BA0401L | 3,5 x 100           | 0.5                | ✗             | ✗                 | ✓                 | ✓  | For steps          |
|  | BA0402L | 3,5 x 100           | 0.5                | ✗             | ✗                 | ✓                 | ✓  | For the first step |

### FLOOR MARKERS

|  | Type    | Dimensions<br>in cm | Thickness<br>in mm | Rails<br>Bars | Anti-<br>graffiti | Slip<br>Resistant | 3M | Description                    |
|--|---------|---------------------|--------------------|---------------|-------------------|-------------------|----|--------------------------------|
|  | BA0501L | 9,3 x 11            | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Floor triangle                 |
|  | BA0502L | (30+2) x 6          | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Stair tread and riser          |
|  | BA0503L | 11,5 x 18           | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Floor rectangle with arrow     |
|  | BA0504L | 13 ø                | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Big floor circle with arrow    |
|  | BA0505L | 10 ø                | 0.5                | ✗             | ✗                 | ✓                 | ✓  | Small floor circle with arrow  |
|  | BA0506L | 4,5 ø               | 0.5                | ✗             | ✓                 | ✗                 | ✓  | Small floor circles for risers |

### TURNSTILES

|  | Type    | Dimensions<br>in cm | Thickness<br>in mm | Rails<br>Bars | Anti-<br>graffiti | Slip<br>Resistant | 3M | Description                                      |
|--|---------|---------------------|--------------------|---------------|-------------------|-------------------|----|--------------------------------------------------|
|  | BA0601L | 3,5 x 50            | 0.5                | ✗             | ✓                 | ✗                 | ✓  | Two direction strip for turnstiles               |
|  | BA0602L | 3,5 x 50            | 0.7                | ✓             | ✓                 | ✗                 | ✗  | Two directions strip for aluminium on turnstiles |
|  | BA0603L | 3,5 x 50            | 0.5                | ✗             | ✓                 | ✗                 | ✓  | One direction strip for turnstiles               |
|  | BA0604L | 3,5 x 50            | 0.7                | ✓             | ✓                 | ✗                 | ✗  | Two direction strip for aluminium on turnstiles  |

### DOOR HANDLE MARKING

| Types | Dimensions    |
|-------|---------------|
|       | EV80L 24 x 10 |
|       | EV81L 24 x 10 |

### PHOTOLUMINESCENT TAPES

| Type | Dimensions   |
|------|--------------|
|      | CB01L 3 x 5m |
|      | CB02L 6 x 5m |
|      | CB01N 3 x 5m |
|      | CB02N 6 x 5m |

|  |                           |
|--|---------------------------|
|  | For aluminium rail        |
|  | Anti-graffiti protection  |
|  | Slip resistant protection |
|  | With glue 3M              |



# SIGNS ACCORDING TO NFPA 101

UL 1994 – EEUU & CANADA Certificate.



**LISTED**  
LUMINOUS  
EGRESS-PATH MARKER  
E473611

For all the projects where NFPA 101 is applied, which it is specified that all Floor Proximity Egress Path Marking shall be installed in accordance with UL 1994, we have certified the following products with UL 1994

6 x 100 cm (PVC or aluminium)

|          | Rails Bars | Anti-graffiti | Slip resistant | 3M |
|----------|------------|---------------|----------------|----|
| BA0201UL | ✗          | ✓             | ✗              | ✓  |
| BA0202UL | ✗          | ✗             | ✗              | ✓  |
| BA0203UL | ✓          | ✗             | ✗              | ✗  |
| BA0204UL | ✓          | ✓             | ✗              | ✗  |
| BA0205UL | ✗          | ✓             | ✗              | ✗  |
| BA0206UL | ✗          | ✗             | ✗              | ✓  |
| BA0207UL | ✓          | ✗             | ✗              | ✗  |
| BA0208UL | ✓          | ✓             | ✗              | ✗  |

## NFPA 101 2015 EDITION

**7.10.1.7\* Floor Proximity Egress Path Marking.** Where floor proximity egress path marking is required in Chapters 11 through 43, an approved floor proximity egress path marking system that is internally illuminated shall be installed within 18 in. (455 mm) of the floor. Floor proximity egress path marking systems shall be listed in accordance with ANSI/UL 1994, Standard for Luminous Egress Path Marking Systems. The system shall provide a visible delineation of the path of travel along the designated exit access and shall be essentially continuous, except as interrupted by doorways, hallways, corridors, or other such architectural features. The system shall operate continuously or at any time the building fire alarm system is activated. The activation, duration, and continuity of operation of the system shall be in accordance with 7.9.2. The system shall be maintained in accordance with the product manufacturing listing.

21 x 21 cm (PVC or aluminium)



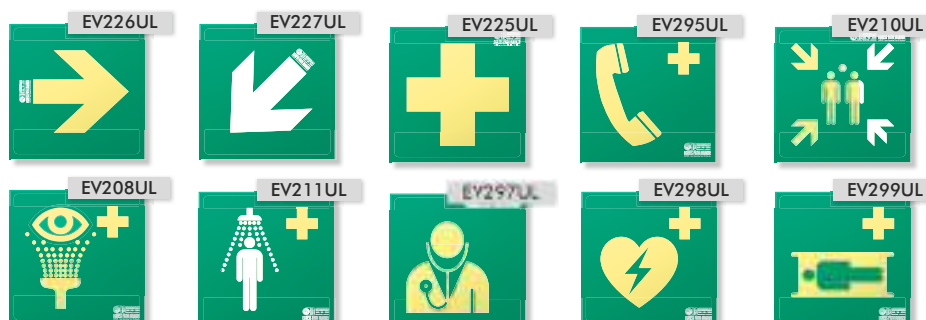
For Aluminium Signs an "A" should be added at the end of the reference.

For example: EX209UL = PVC  
EX209ULA = ALUMINIUM

20 x 8 cm (PVC or aluminium)



22,4 x 22,4 cm (PVC or aluminium)



# EVACUATION PLANS

## Evacuation plan according to the standard ISO 23061:2009

According to the standard ISO 23601, these are the basic information that needs to be clarified and subsequently appear on the design:

Current and updated architectural plan of the basic characteristics of the facility.

Clear and defined exit pathways and every secondary escape routes.

Evacuation plan including the expected movement of the people and every guideline that is given alongside the way it is given.

Position of the fire fighting equipment and alarm.

Position of the emergency equipment and evacuation devices.

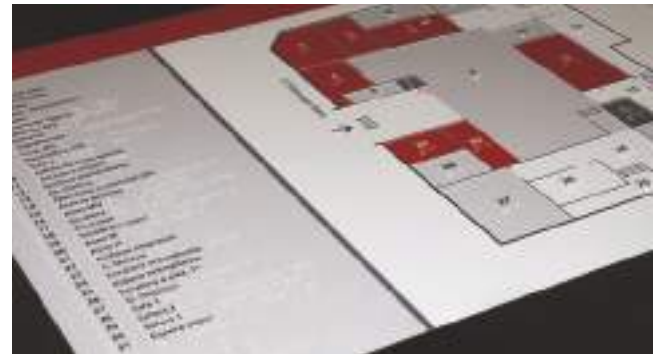
Required actions in case of emergency or fire.



### Decorative choices



Luminescent for the dark



Embossed writing for the visually impaired



Aluminium casing



Printing on methacrylate

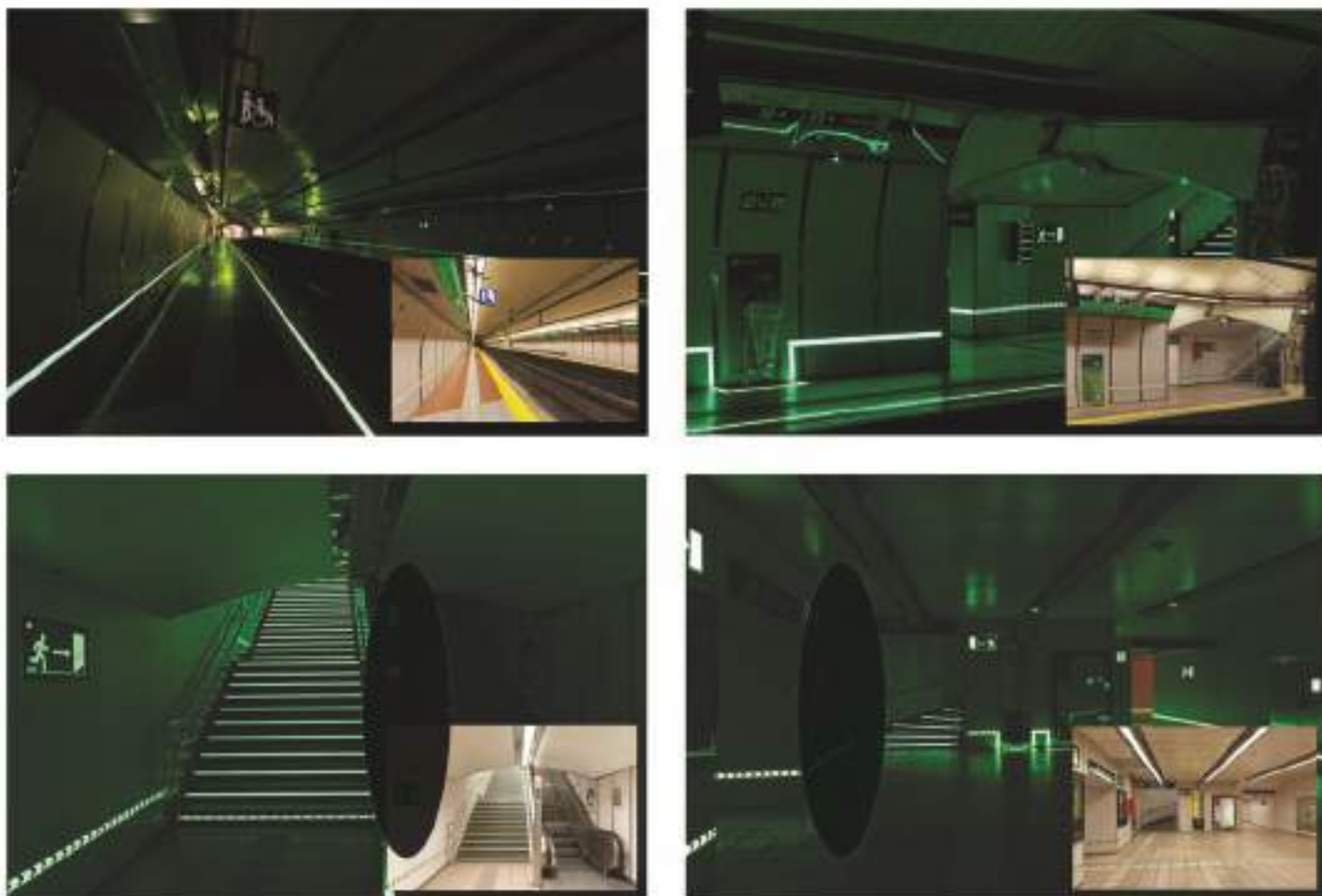


Composite aluminium panel

# ROAD AND RAILWAY TUNNELS



# METRO





# ACCESSORIES / REPLACEMENTS

| Type           | Code      | Description                                                                                              |
|----------------|-----------|----------------------------------------------------------------------------------------------------------|
| A-82/Ni        | 927082002 | External decorative lag, nickel case                                                                     |
| A-82/G/SQ      | 927082003 | External decorative lag, gold case                                                                       |
| A-82/SL/SQ     | 927082004 | External decorative lag, silver-pink pearlescent                                                         |
| A-100          | 927010000 | 40 cm Extension rod for "Double Easy Light"                                                              |
| A-533          | 927533000 | Panic button protective cover                                                                            |
| A-536          | 927536000 | Recess wall mounting base for fire alarm call points                                                     |
| A-632          | 980163200 | Recess wall mounting base for "Fire Sys"                                                                 |
| A-752          | 752000008 | Spray for testing the smoke detectors                                                                    |
| A-982          | 953000315 | High voltage transformer for RT-14, RT-15                                                                |
| A-1015         | 927101500 | Recess mounting base for "Classic Light"                                                                 |
| A-1017         | 927101700 | Double sided diffuser "Weather Light" GR-9xx                                                             |
| A-1018/PL      | 927101801 | Recess mounting base for MLD-28, DLD-28, ZLD-28                                                          |
| A-1018/PL/ST   | 927101802 | Recess mounting base for self-testing ZLD-28                                                             |
| A-1020/PL      | 927102001 | Recess mounting base for MLD-34, DLD-34                                                                  |
| A-1020/PL/ST   | 927102002 | Recess mounting base for ZLD-34                                                                          |
| A-1021         | 980210210 | Recess mounting base for MLD-44                                                                          |
| A-1030         | 980103000 | Protective grid for RT-3X for external use                                                               |
| A-1048         | 927104800 | Glue board (12 pieces) for RT-3X                                                                         |
| A-1050         | 927105000 | Glue board (single sided) for RT-22 (1 piece)                                                            |
| A-1052         | 927105200 | Glue board (double sided) for RT-24 (1 piece)                                                            |
| A-1055         | 927105500 | Glue board 10 pcs.                                                                                       |
| A-1056         | 927105600 | Glue board for RT-72 & RT-74 (10 pcs.)                                                                   |
| A-1068         | 927106800 | Glue board (12 pieces) or "Professional Deluxe"                                                          |
| A-1079         | 508000104 | 10 cm Ext. rod for "Project Light-Lounge Light-Box Light"                                                |
| A-1084/SL      | 801567864 | Plastic base for flag mounting (silver) for "Project Light"                                              |
| A-1085/SL      | 801567862 | Plastic base for ceiling mounting (device terminal)                                                      |
| A-1087/SL      | 927310870 | Plastic base for wall mounting (silver) for "Project"                                                    |
| A-1130         | 927311300 | Set of accessories for ceiling mounting (1m) (silver)                                                    |
| A-1131         | 927311310 | Set of accessories (0,5m) for ceiling mounting (silver)                                                  |
| A-1132         | 927311320 | Set of accessories (0,25m) for ceiling mounting (silver)                                                 |
| A-1133         | 927311330 | Accessory for vertical wall mounting (silver)                                                            |
| A-1134         | 927311340 | Accessory for wall mounting (silver)                                                                     |
| A-1135         | 927311350 | Accessory for vertical wall mounting (silver)                                                            |
| A-1136         | 927311360 | Accessory set for ceiling mounted hanging installations with 2,5m cable (silver)                         |
| A-1900         | 927190000 | Test card                                                                                                |
| A-2000/W       | 927200000 | Set of right / left screw hiding cup for GR-2000 (White color)                                           |
| A-2000/B       | 927200001 | Set of right / left screw hiding cup for GR-2000 (Bronze color)                                          |
| A-2100         | 980210000 | Software for BSR-21xx & USB cable                                                                        |
| A-2130         | 927321300 | Set of accessories (1m) for ceiling mounting (white)                                                     |
| A-2131         | 927321310 | Set of accessories (0,5m) for ceiling mounting (white)                                                   |
| A-2132         | 927321320 | Set of accessories (0,25m) for ceiling mounting (white)                                                  |
| A-2133         | 927321330 | Accessory for vertical wall mounting (white)                                                             |
| A-2135         | 927321350 | Accessory for vertical wall mounting (white)                                                             |
| A-2136         | 927321360 | Accessory set for ceiling mounted hanging installations with 2,5m cable (white)                          |
| A-2510/PL      | 927251001 | Recess mounting base                                                                                     |
| A-2510/PL/ST/M | 927251002 | Recess mounting base for self-testing for PLD/M                                                          |
| A-3008         | 927300800 | Base for recessed mounting on suspended ceiling (A-3018 Suspended ceiling mounting springs are included) |
| A-3016         | 927301600 | Recess mounting base                                                                                     |
| A-3018         | 980330180 | Suspended ceiling mounting springs for "Easy Light", "SLD"                                               |
| A-9000         | 927900001 | Ceiling Bracket for GR-9xx/xxl                                                                           |
| A-9100         | 927910001 | Plastic double sided diffuser "Weather Light" GR-19xx                                                    |
| A-9100/ST      | 927910000 | Plastic double sided diffuser for self-testing "Weather Light" GR-19xx                                   |
| A-FSA          | 808700069 | Gable gland                                                                                              |
| Base-401       | 980184011 | Base for movement detectors BS-405 & BS-409                                                              |
| BOX-3016       | 980130160 | Base for installing detectors in air-ducts                                                               |
| BS-818/T       | 940818001 | Wireless transmitter for programmable room thermostat with batteries 2xAA                                |
| BS-819/T       | 940819001 | Wireless transmitter for programmable room thermostat - boiler with batteries 2xAA                       |
| BS-818/R       | 940818002 | Wireless receiver for programmable room thermostat with batteries 2xAA                                   |
| BS-819/R       | 940819002 | IP65 Receiver for wireless thermostat BS-819 with boiler output                                          |
| BS-820/R       | 940820002 | IP20 Receiver for wireless thermostat BS-818                                                             |
| BS-821/R       | 940821002 | IP20 Receiver for wireless thermostat BS-819 with boiler output                                          |
| BS-850/R       | 940850001 | Receiver of wireless programmable WiFi thermostat with boiler output                                     |
| BS-851/R       | 940851001 | Receiver of wireless programmable WiFi thermostat with boiler output                                     |
| BS-850/T       | 940850002 | Transmitter of wireless programmable WiFi thermostat                                                     |
| BS-851/T       | 940851002 | Transmitter of wireless programmable WiFi thermostat with boiler output                                  |
| C-100          | 980310000 | Protective metallic grid for "Professional Light"                                                        |
| C-101          | 980310100 | Protective metallic grid for "Global Light"                                                              |
| C-102          | 980310200 | Protective metallic grid for "Classic Light"                                                             |
| NPT-34         | 751500102 | Mounting base                                                                                            |
| GLASS-126      | 980181260 | Glass for BS-7000                                                                                        |
| WB-2100/CH     | 927210000 | Wooden base: Cherry                                                                                      |
| WB-2100/NC     | 927210001 | Wooden base: Natural Cherry                                                                              |
| WB-2100/WN     | 927210002 | Wooden base: Walnut                                                                                      |

# ACCESSORIES / REPLACEMENTS

## BATTERIES (1 year guarantee)

| Type         | Code      | Description                                 |
|--------------|-----------|---------------------------------------------|
| A-1200       | 603101233 | Lead acid battery 12V / 33Ah                |
| A-1201       | 603101240 | Lead acid battery 12V/40Ah                  |
| A-1202       | 603101255 | Lead acid battery 12V/55Ah                  |
| A-1203       | 603101265 | Lead acid battery 12V/65Ah                  |
| A-1204       | 603112080 | Lead acid battery 12V/80Ah                  |
| A-1205       | 603112100 | Lead acid battery 12V/100Ah                 |
| A-1206       | 603112150 | Lead acid battery 12V/150Ah                 |
| A-1207       | 603112075 | Lead acid battery 12V/75Ah                  |
| A-1208       | 603112200 | Lead acid battery 12V/200Ah                 |
| A-1209       | 603101214 | Lead acid battery 12V/14Ah                  |
| A-1210       | 603000613 | Lead acid battery 6V/1,3Ah                  |
| A-1211       | 603112120 | Lead acid battery 12V/120Ah                 |
| A-1212       | 603101228 | Lead acid battery 12V/28Ah                  |
| A-1213       | 603101218 | Lead acid battery 12V/18Ah                  |
| A-920        | 603001226 | Battery 12V/2,6Ah                           |
| A-922/HT     | 601306406 | Battery LiFePO4 6,4V/600mAh                 |
| A-925/HT     | 601103606 | Battery Ni-Mh 3,6V/600mAh HF(Halogen Free)  |
| A-926        | 601003606 | Battery Ni-Cd 3,6V/600mAh                   |
| A-927/HT     | 601113612 | Battery Ni-Mh 3,6V/1200mAh HF(Halogen Free) |
| A-928/HT     | 601213605 | Battery Ni-Cd 3,6V/500mAh HF(Halogen Free)  |
| A-930/HT     | 601203605 | Battery Ni-Cd 3,6V/500mAh                   |
| A-931/HT     | 601233610 | Battery Ni-Cd 3,6V/1000mAh HF(Halogen Free) |
| A-934/HT     | 601212080 | Battery Ni-Cd 12V/8Ah HT F7                 |
| A-937/HT     | 601223630 | Battery Ni-Cd 3,6V/3Ah HF(Halogen Free)     |
| A-938/HT     | 601223610 | Battery Ni-Cd 3,6V/1000mAh                  |
| A-939/HT     | 601213610 | Battery Ni-Cd 3,6V/1000mAh HF(Halogen Free) |
| A-940        | 603101212 | Lead acid battery 12V/12Ah                  |
| A-942/HT     | 601104840 | Battery Ni-Mh 4,8V/4Ah                      |
| A-946        | 601003601 | Battery Ni-Cd 3,6V/170mAh                   |
| A-947        | 601103601 | Battery Ni-Mh 3,6V/120mAh                   |
| A-961        | 603001290 | Lead acid battery 12V/9Ah                   |
| A-965/HT     | 601103612 | Battery Ni-Mh 3,6V/1200mAh HF(Halogen Free) |
| A-967HF      | 601002411 | Battery Ni-Cd 2,4V/1000mA HF (Halogen Free) |
| A-969        | 601001210 | Battery 1,2V/1000mAh                        |
| A-977        | 603101226 | Battery μολύβδου 12V/26Ah                   |
| A-986        | 603001270 | Sealed lead acid battery Pb 12V/7Ah         |
| A-988        | 603000645 | Lead acid battery 6V/4,5Ah                  |
| A-989        | 603001211 | Lead acid battery 12V/1,3Ah                 |
| A-992        | 603001220 | Lead acid battery 12V/2Ah                   |
| B-929/LT     | 601244815 | Battery Ni-Cd 4,8V/1,5Ah HF(Halogen Free)   |
| B-935/HT     | 601133640 | Battery Ni-Mh 3,6V/4Ah HF(Halogen Free)     |
| B-936/HT60SC | 601134840 | Battery Ni-Mh 4,8V/4Ah HF(Halogen Free)     |
| B-941/HT     | 601214830 | Battery Ni-Cd 4,8V/3Ah HF(Halogen Free)     |
| B-948/HT     | 601243630 | Battery Ni-Cd 3,6V/3Ah                      |
| B-949/HT     | 601233630 | Battery Ni-Cd 3,6V/3Ah HF(Halogen Free)     |
| B-952/HT     | 601113620 | Battery Ni-Mh 3,6V/2Ah HF(Halogen Free)     |
| B-954/HT     | 601134820 | Battery Ni-Mh 4,8V/2Ah HF(Halogen Free)     |
| B-970/HT     | 601212415 | Battery Ni-Cd 2,4V/1,5Ah HF(Halogen Free)   |
| B-971/HT     | 601212430 | Battery Ni-Cd 2,4V 3Ah HF(Halogen Free)     |
| B-972/HT     | 601213615 | Battery Ni-Cd 3,6V/1,5Ah HF(Halogen Free)   |
| B-973/HT     | 601214815 | Battery Ni-Cd 4,8V/1,5Ah HF(Halogen Free)   |
| B-974/HT     | 601213640 | Battery Ni-Cd 3,6V/4Ah HF(Halogen Free)     |
| B-979/HT     | 601214840 | Battery Ni-Cd 4,8V/4 Ah HF(Halogen Free)    |
| C-1230/HT    | 601107212 | Battery Ni-Mh 7,2V/1,2Ah                    |
| C-930/HT     | 601104812 | Battery Ni-Mh 4,8V/1,2Ah                    |

## LAMPS (1 year guarantee)

| Type           | Code      | Description                                                     |
|----------------|-----------|-----------------------------------------------------------------|
| A-983          | 401000008 | Fluorescent lamp 8W for RT-11, RT-30, RT-20 (Black light)       |
| A-980          | 401000015 | Fluorescent lamp 15W T8 for RT-12, RT-22, RT-24 (Black light)   |
| A-984/T8       | 401000218 | Fluorescent lamp (Black light) 18W                              |
| A-984/T8/HACCP | 401005018 | Unbreakable fluorescent lamp (Black light) 18W                  |
| A-985/T8       | 401000236 | Fluorescent lamp (Black light)-UV for RT-15, RT-60, RT-62 36W   |
| A-985/T8/HACCP | 401005036 | Unbreakable fluorescent lamp (Black light)                      |
| A-983/HACCP    | 401005008 | Unbreakable fluorescent lamp 8W(Black light)-UV for RT-30/HACCP |
| A-980/HACCP    | 401005015 | Fluorescent lamp 15W(Black light)-UV for RT-12,RT-22,RT-24      |
| A-987          | 401013026 | Lamp 26W for RT-36                                              |
| A-993          | 401001006 | Fluorescent lamp 6W/D                                           |
| A-994          | 401001008 | Fluorescent lamp 8W/D                                           |
| A-995          | 401001018 | Fluorescent lamp 18W                                            |
| A-999          | 401003011 | Fluorescent lamp 11W PL or Dulux S/e                            |

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| A-1018/PL        | 18   |
| A-1018/PL/ST     | 17   |
| A-1018/PL/ST     | 37   |
| A-1020/PL        | 18   |
| A-1020/PL/ST     | 17   |
| A-1133           | 66   |
| A-1136           | 22   |
| A-1900           | 14   |
| A-2000/B         | 63   |
| A-2000/W         | 63   |
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| A-533            | 78   |
| A-536            | 78   |
| A-632            | 75   |
| A-844/2          | 117  |
| A-9100           | 52   |
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| A-2510/PL        | 19   |
| A-2510/PL/ST/M   | 19   |
| A-2520/PL        | 55   |
| A-2520/PL/ST     | 20   |
| A-3018           | 10   |
| A-3018           | 11   |
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| A-510/24         | 87   |
| A-533            | 76   |
| A-752            | 87   |
| A-82/G           | 113  |
| A-82/Ni          | 113  |
| A-82/SL          | 113  |
| A-840            | 117  |
| A-9000           | 65   |
| A-986            | 96   |
| A-989            | 98   |
| A-FSA            | 25   |
| ALABI-30764      | 100  |
| ALBI-301408      | 100  |
| ABE-150          | 100  |
| ABH-250          | 100  |
| ABT-100          | 100  |
| ABT-60           | 100  |
| B-844/2          | 117  |
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| BASE-196/N       | 77   |
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| BMS-1203         | 83   |
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| BMS-485          | 83   |
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| BS-162           | 107  |
| BS-1632          | 75   |
| BS-1634          | 75   |
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| BS-164             | 107  |
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| BS-1641            | 76   |
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## RMA REQUEST PROCEDURE

Please read Section 1 and 2, the procedure for returning warranty and non-warranty products and the investigation fee are explained here. Following this RMA procedure will lead to faster repair of any equipment sent back to us.

**Please fully complete Section 3 and return to [rma@olympia-electronics.gr](mailto:rma@olympia-electronics.gr)**

Once the document has been received an RMA number can be issued.

### NOTE

The RMA will not be issued until Section 3 of this form is completed and returned. Section 3 of this form is required for both Warranty and Non-Warranty products. Returned products are not received without the RMA form.

## Section 1 - Warranty products

**Warranty products will be handled under the standard Olympia Electronics export terms and conditions of your agreement.**

### 1.1 Return process for Warranty products.

All products that do not face a malfunction, will be returned to buyer, with their next shipment and the transportation cost will be on their account.

### 1.2 Return process for Non-Warranty products.

Products that have exceeded their warranty period are not to be send to the company. In case they are send they are not going to be investigated nor returned to sender, they are going to be recycled.

## Section 2 - Investigation fee

**Olympia Electronics reserves the right within the RMA to charge an investigation fee. This fee covers investigation time and resource needed to identify any problems.**

## Section 4 - Credit Note process

**All Credit Notes will be issued for all the returned products upon their arrival at the Customs Office in GREECE. In case the returned products are not covered by Warranty, or the malfunction is buyer's (or installer's) responsibility, a relevant Debit Note will be issued.**

### Shipping instructions:

All goods should be shipped direct to our premises:

Olympia Electronics SA

72o Km ONR Thessaloniki- Katerini

Eginio - Pieria - Greece, P.O. 60300

Telephone : +302353051200

FAX: +302353051486

E-mail : [rma@olympia-electronics.gr](mailto:rma@olympia-electronics.gr)

## Section 3 RMA Form Request form for RMA number

|                          |              |                         |       |
|--------------------------|--------------|-------------------------|-------|
| Date                     | _____        | Customer Return Address | _____ |
| Customer Name            | _____        | _____                   | _____ |
| Customer Contact Details | _____        | _____                   | _____ |
| Tel.: _____              | email: _____ | _____                   | _____ |

|                     |                                       |                       |
|---------------------|---------------------------------------|-----------------------|
| Warranty (Yes / No) | Investigation Fee Accepted (Yes / No) | Purchase Order number |
| _____               | _____                                 | _____                 |

| Line | Product | Article No | Production date (LOT no.) | Fault Description |
|------|---------|------------|---------------------------|-------------------|
| 1    |         |            |                           |                   |
| 2    |         |            |                           |                   |
| 3    |         |            |                           |                   |
| 4    |         |            |                           |                   |
| 5    |         |            |                           |                   |

# EXPORT TERMS OF SALES

*The following conditions shall apply to any estimates ,offers or acknowledged orders prepared in connection with any sales made outside Greek Territory by Olympia Electronics S.A.*

## 1. GENERAL CONDITIONS

By ordering goods, the buyer simultaneously proceeds to the acceptance of the export sales terms herein contained, regardless of any conditions, which may appear on the buyer's documents and subject to any special conditions accepted in writing.

## 2. PURCHASE ORDERS

The orders should be sent to Olympia Electronics in writing via e-mail or fax. In case that an order is lower than the amount of EURO 1500,00 then the buyer is charged EURO 75,00 fixed custom expenses cost. Moreover, for orders below the amount of EURO 300,00 , the customer is charged EURO 50,00 administrative cost.

## 3. PURCHASE ORDER CANCELLATION

Olympia Electronics reserves the right to cancel an order in case that information is given by a data bank that the customer faces serious financial problems.

## Δ. DISPATCH OF AN ORDER

The delivery terms vary by case and depend on the agreement between Olympia Electronics and the buyer. The terms in force are indicated on the invoice.

## 4. PRICES

Valid prices are the ones that are mentioned in the official export price list of Olympia Electronics. Olympia Electronics reserves the right to make any modification.

## 5. TERMS OF PAYMENT

Terms of payment are specified on the invoice. In case that the buyer does not apply the specified terms of payment, Olympia Electronics reserves the right to issue an extra invoice charging customer the legal expenses for a period equal to the delay of the outstanding payment.

## 6. SAMPLES

Each potential buyer has the right to receive free of charge samples with value not exceeding EURO 50,00. The transportation cost of the samples is charged to the potential buyer.

## 7. LIMITED RESPONSIBILITY

Olympia Electronics is not responsible in case of mistreatment or bad operating conditions of goods by the buyer. Therefore the buyer cannot take any action against Olympia Electronics.

## 8. WARRANTY

Olympia Electronics guarantees the quality, condition and operation of the goods. The period of warranty is specified in the official catalogue of Olympia Electronics and also in the technical leaflet, which accompanies each product. This warranty ceases to exist if the buyer does not follow the technical instructions included in official documents given by Olympia Electronics or if the buyer modifies the goods provided or has any repairs or re-setting done by a third party, unless Olympia Electronics has fully agreed to them in writing. The defected goods can be returned only after a written confirmation by Olympia Electronics. Olympia Electronics reserves the right to repair or to replace the returned goods and to or not charge the buyer depending on the reason of defection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.

## 9. LEGAL DISPUTES

In case of disputes arising from the interpretation or the performance of the contract agreed upon, Thessaloniki Greek court will be the only competent court.

11. INSURANCE  
In case of any damage during delivery, the client must not sign for the collection of the goods so as Olympia Electronics to be able to claim this damage from the insurance company, Otherwise Olympia Electronics is not responsible for the damage.

\*All prices are NET F.C.A. THESSALONIKI.

[illegible]