

**NOTE:** LED= Light Emitting Diode  
**LABELING EXPLANATION:**  
**Z:** Central supply  
**1:** Maintained (\*)  
**G:** Internally illuminated safety sign

Note!! The installer should fill in, on the specification label, the letter **G** if the luminaire is used as a safety sign.



(\*) **Maintained operation:** The luminaire lights its illumination source, when it is powered by the mains power supply or not.

The light source contained in this luminaire shall only be replaced by the manufacturer, or his agent, or a similar qualified person.

**NOTE!** The light source is non-user replaceable.

**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. Products that have been damaged can be returned to the premises of our company for repair or replacement, as long as the warranty period is valid. 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.

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**LUMINAIRES FOR CENTRAL BATTERY SYSTEM WITH LEDs (CBS)**

**TECHNICAL CHARACTERISTICS** (for LED specs see page 3)

|                             | GR-324/15L<br>/24VDC/A                        | GR-324/30L<br>/24VDC/A | GR-324/4P<br>/24VDC/A | GR-325/6P<br>/24VDC/A |
|-----------------------------|---|------------------------|-----------------------|-----------------------|
| TYPE                        | For Central Battery System (CBS)              |                        |                       |                       |
| OPERATION VOLTAGE           | 15-30VDC                                      |                        |                       |                       |
| MAXIMUM POWER CONSUMPTION   | 1W  | 2W                     | 4.45W                 | 5.7W                  |
| ILLUMINATION SOURCE         | 15 white LEDs                                 | 30 white LEDs          | 4 power LEDs          | 6 power LEDs          |
| ILLUMINATION                | 125lm   | 255lm                  | 460lm                 | 580lm                 |
| DEGREES OF COVER PROTECTION | IP 40   |                        |                       |                       |
| PRODUCED IN ACCORDANCE WITH | EN 60598-1, EN 60598-2-22, EN 55015, EN 61547 |                        |                       |                       |
| OPERATION TEMPERATURE RANGE | -20 to 50 °C                                  |                        |                       |                       |
| RELATIVE HUMIDITY           | Up to 95%                                     |                        |                       |                       |
| CONSTRUCTION MATERIALS      | Bayblend FR3010, transparent polycarbonate    |                        |                       |                       |
| EXTERNAL DIMENSIONS         | 353 x 143 x 57 mm                             |                        |                       |                       |
| TYPICAL WEIGHT              | 580gr.  |                        |                       |                       |
| GUARANTEE                   | 3 years                                       |                        |                       |                       |

**Thank you for your trust in our products**  
**Olympia Electronics - European manufacturer**

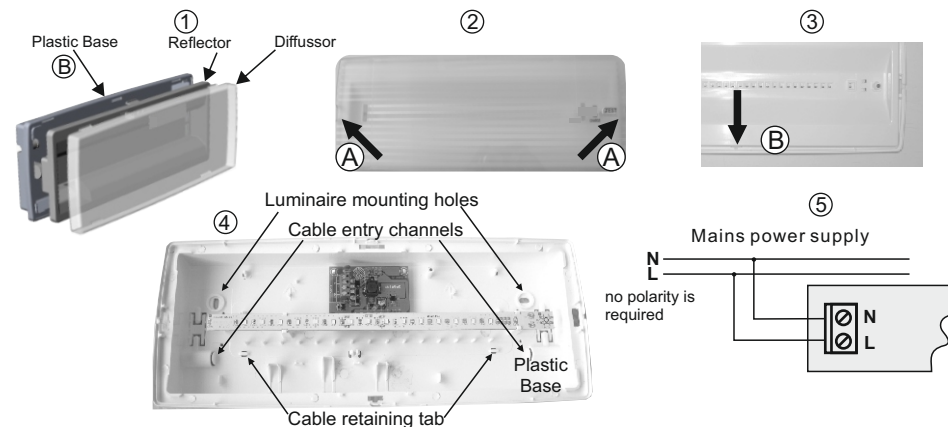
**GENERAL**

These luminaires are for indoor use only (ta <40°C) where emergency luminaires (CBS) are needed. Each luminaire must be permanently connected to mains power supply.

**ATTENTION!!!**

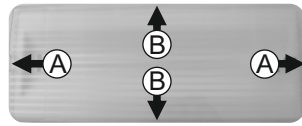
1. Operations for installation, maintenance or testing must be done by authorized personnel only.

**INSTALLATION INSTRUCTIONS**



1. To install the luminaire you must dismantle it into 3 parts .
2. Place a flat blade screwdriver in the area **A** to release the diffusor's plastic hook.
3. Place a flat blade screwdriver in the area **B** to release the reflector's plastic hook.
4. Use the included mounting parts to mount the base plastic. Pass the mains cable through a cable entry channel and fasten it to the respective cable retaining tab, with the included tie.

- Connect the mains cables to the terminal blocks (no polarity is required).
- Refit the removed parts in steps 2 and 3 mind the correct orientation (especially for the diffuser, first press the points A, A and then the points B, B to apply the plastic hooks) and the luminaire is ready to operate.



### MARKING PANEL SP-116

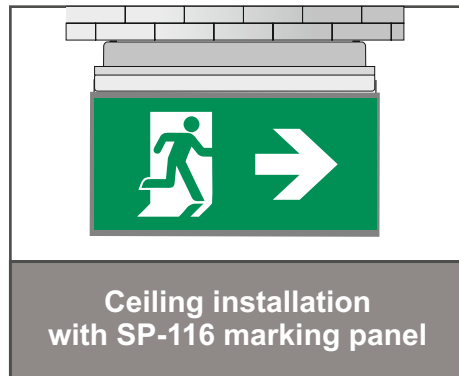
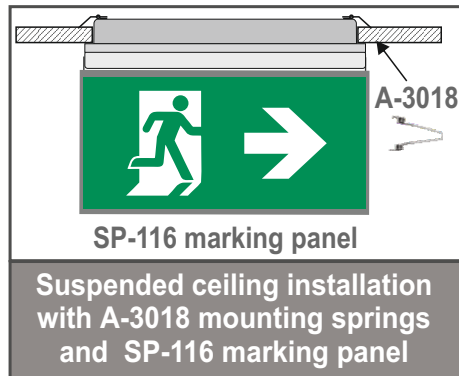
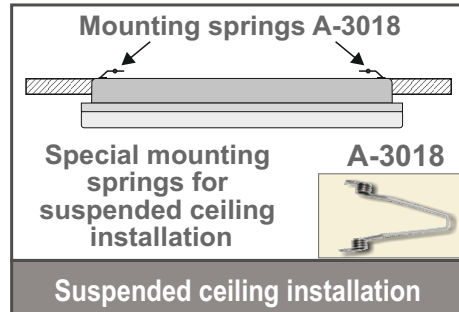
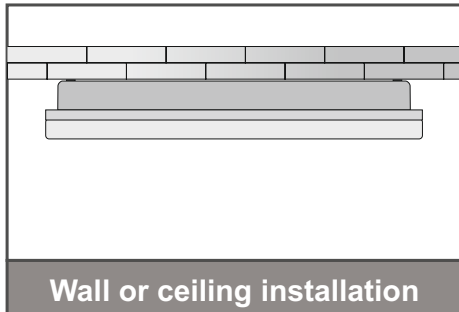
A marking panel SP-116 can be installed on the luminaire in 3 different locations. This marking panel is installed perpendicular to the diffuser of the luminaire, as shown in the pictures below. The panel is pre-printed and has a plastic accessory on each side that is used to fasten the panel to the luminaire. The following panels are available on request.

### Placing the SP-116 marking panel

Place the plastic mounting accessories of the marking panel on each side as shown in the pictures.

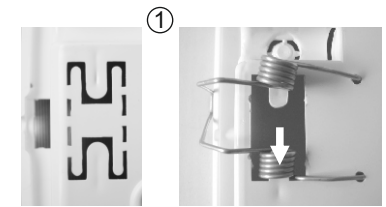


## Installation methods



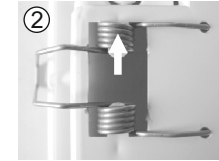
### Mounting methods

The luminaire can be surface mounted on walls or ceilings or in suspended ceilings. For suspended ceilings installations, the A-3018 special accessories are required which can be found in the catalog and must be ordered separately.

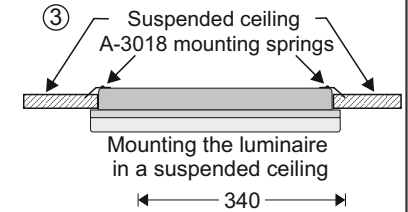


### Suspended ceiling installation.

On the bottom of the base plastic of the luminaire there are two H shaped cut outs. These are used to install the A-3018 mounting springs. *Note! The luminaire is not suitable for mounting on tubular materials or surfaces.*



- With a sharp tool remove the appropriate plastic pieces to fit the mounting springs. First place the edges of the mounting spring to the respective holes and install the one end of the coil to the support axis.



- Install the other end of the coil to the other support axis.

- Bend the springs and place the luminaire to the respective suspended ceiling's hole.

*The luminaire's placement to the suspended ceiling must be done after the connection with power supply cables.*



### LED MODULE CHARACTERISTICS

|                  | GR-324/15L<br>/24VDC/A                                    | GR-324/30L<br>/24VDC/A | GR-324/4P<br>/24VDC/A       | GR-325/6P<br>/24VDC/A |
|------------------|---|------------------------|-----------------------------|-----------------------|
| Manufacturer     | Olympia Electronics S.A.                                  |                        |                             |                       |
| Model Number     | 0404153/15L   | 0404153/30L            | 1312153/4P                  | 1312153/6P            |
| Voltage Range    | 8.5 - 10.5VDC   |                        | 5.8 - 6.8VDC                |                       |
| Nominal Power    | 980mW   | 2W                     | 4W                          | 6W                    |
| Connections      | Non reversible connection between main pcb and led module |                        |                             |                       |
| Temperature (tc) | 47 °C max. across the board                               |                        | 65 °C max. across the board |                       |