

CBS EDGE ILLUMINATION SIGNS WITH WHITE LEDS



TECHNICAL CHARACTERISTICS (for LED MODULE Specs. see page 5)

	DLD-28/CBS/w	DLD-34/CBS/w	DLD-44/CBS/w
Mains voltage	40-250V DC-AC/50-60Hz		
Maximum power consumption	1.5W/4.5VA		
Light source intensity	100lm		125lm
Degrees of cover protection	IP42		
Produced in accordance with	EN 60598-1, EN 60598-2-22, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3		
Operation temperature range	-30 to 50 °C		
Relative humidity	up to 95%		
External panel's dimensions	280x100mm	340x170mm	440x220mm
External dimensions	305x25x155mm	365x25x225mm	465x25x275mm
Typical weight	465gr.	795gr.	1270gr.
Guarantee	3 years		

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Olympia Electronics - European manufacturer.

GENERAL

These new illumination signs use a new technology, friendly to the environment, with high illuminated L.E.D.s. L.E.D. technology has very low power consumption. The edge illumination sign is used as a mains lighting with indications symbols for central battery systems (CBS).

In this type of marking panels, the PVC overlay is mounted on the marking panel with 4 plastic screws, and it can be changed by change the PVC overlay in accordance with the marking code.

Each model combines modern, aesthetics, together with functionality. The exit illumination signs are used in every public area where clear direction and good appearance are important. All models must be permanently connected to the mains power supply as shown on page 2.

The legend is screened on to a clear acrylic sheet which has the marking on the marking panel with the light that comes from the top of the luminaire and diffracts, giving light to the marking panel.

The unit must be mounted in a clearly visible area and can either be hung on a ceiling or mounted on a wall depending on the requirements of the installation. The package includes all the required materials for mounting on the wall or on the ceiling. Pages 2, 3 and 4 show the mounting methods.

WARNING !!

1. The unit must be connected to a dedicated fused power line, for example 16A rating.

NOTE: LED= Light Emitting Diode

LABELING EXPLANATION:

Z: Central supply

1: Maintained

G: Internally illuminated



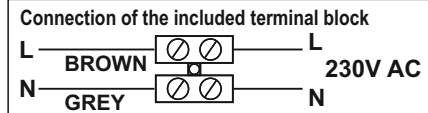
The light source contained in this luminaire shall only be replaced by the manufacturer, or his agent, or a similar qualified person.

NOTE! The light source is non-user replaceable.

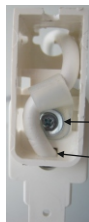
Mounting methods

Preparation procedure for ceiling mounting

Attention!!! Interrupt the mains power supply.

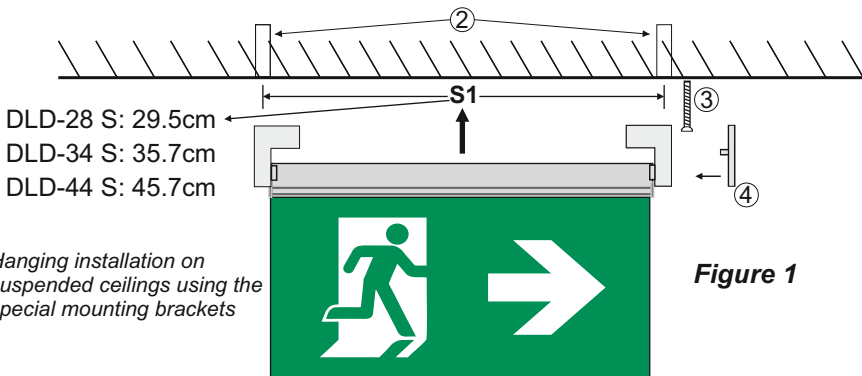


Hanging installation on suspended ceilings using the special mounting brackets contained in the package.



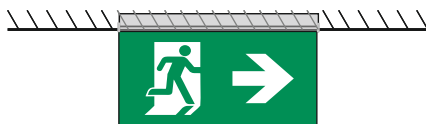
1. Open the pre-etched knock out and pass the cable through.
2. Place the plastic part for mounting the sign.
3. Place the cable holding accessory and mount it by tightening the screw with the included grommet.
4. Connect the wires to the included terminal block and place it in the plastic mounting part.
5. Follow the procedure below (figure 1).

Ceiling mounting



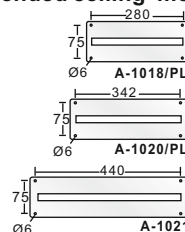
Hanging installation on suspended ceilings using the special mounting brackets

1. **Attention!!!** Choose the installation area to insure that the mounting surface is appropriate for the installation of the illumination sign.
2. Measure the space **S** according to the illumination sign's type and drill the appropriate holes in the ceiling for the installation of the included mounting plugs Nr 6.
3. Place the mounting plugs Nr 6 and mount the sign by tightening the included mounting screws.
4. Refit the plastic cover on each side.
5. Power the illumination sign and check the illumination sign's operation.

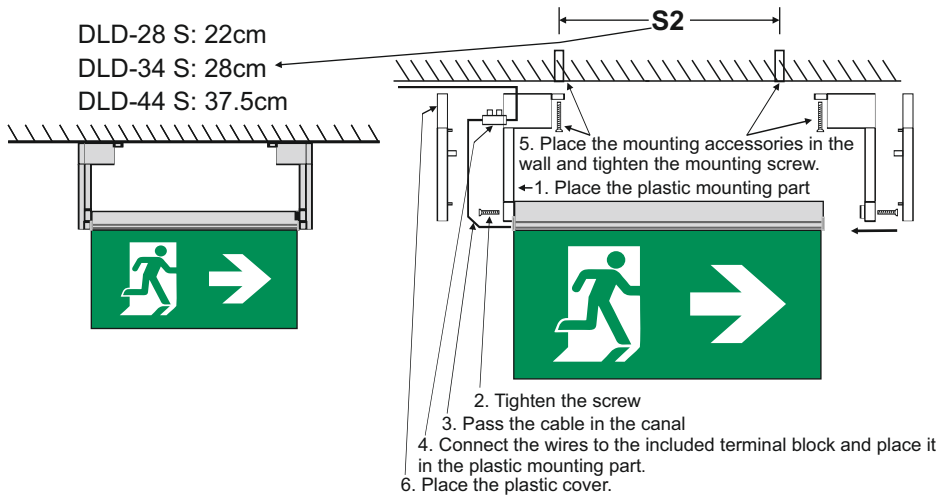


Recessed mounted installation on suspended ceilings using the base type A-1018/PL, A-1020/PL, A-1021.

Suspended ceiling mounting bases



Ceiling mounting



OPTIONAL !!

When a triple core cable must be used, then follow the figures 2,3 below.

Figure 2

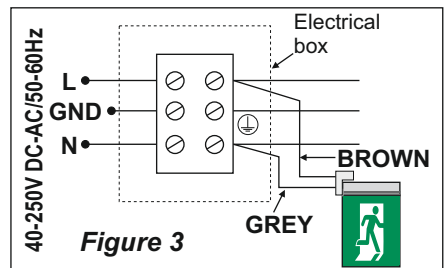


ELECTRICAL BOX INSTALLATION

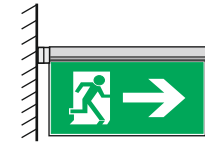
- Attention!!!** Interrupt the mains power supply.
- Perform the preparation procedure for ceiling mounting on page 2 and exclude step 4.
- Perform the procedure for ceiling mounting figure 1.
- For the installation of the electrical box you may need to open holes in the ceiling and at it's cable entrances, for the entrance of the power and illumination sign's cables. Install the electrical box next to the sign so as to cover the cable (figure 2).
- After mounted the electrical box open the cover and perform the electrical connection according to Figure 3. After the connection close the cover of the box.
- Power the illumination sign and check the illumination sign's operation.

Use a certified electrical box 250V AC (IP40) to perform the electrical connection, with minimum internal space 35x35x25mm to install the 3 pole terminal block. In this box install a certified 3 pole terminal block 250V AC/16A 2,5mm² providing terminals to connect the live wire L, the neutral N and the ground GND. To this terminal block is connected the power cable with a cross section of 1,5mm². Install the electrical box in an appropriate area in the ceiling. Install securely the 3 pole terminal block and perform the connection according to figure 3.

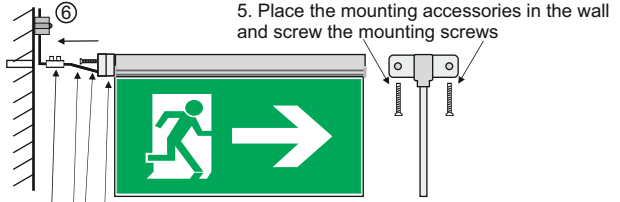
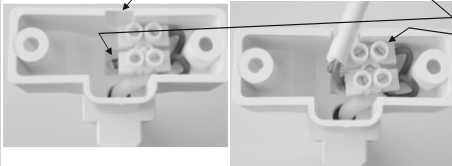
The electrical box and the 3 pole terminal block are not provided by olympia electronics.



Wall mounting



Flag mounted installation on a wall using the special mounting bracket contained in the package.

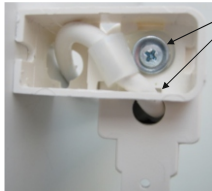


5. Place the mounting accessories in the wall and screw the mounting screws

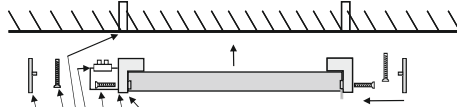
1. Open the pre-etched knock out and pass the cable through.
2. Place the single mounting plastic part
3. Tighten the mounting screw.
4. Connect the wires to the included terminal block and place it in the plastic mounting part.
6. After finishing the installation, secure the cable with a suitable cable detention bracket (not included) to ensure immobilization of the cable at a distance of no more than 5cm from the luminaire's cable entry.



Wall mounted installation using the special mounting brackets contained in the package.

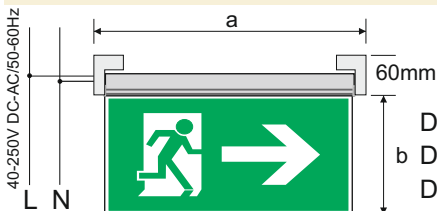


Wall in bottom view



1. Open the pre-etched knock out and pass the cable through.
2. Place the plastic part
3. Place the cable holding accessory and mount it by tightening the screw with the included grommet.
4. Connect the wires to the included terminal block and place it in the plastic mounting part.
5. Place the mounting accessories in the wall and tighten the mounting screw figure 1 step 3.
6. Place the plastic cover.

Electric connection and Eco Light dimensions in mm



DLD-28 : 305(a) x 95(b)
b DLD-34 : 365(a) x 165(b)
DLD-44 : 465(a) x 215(b)

Package contents

The package contains:

1. The illumination sign
2. The instructions manual
3. Plastic bag with supporting materials.

LED MODULE CHARACTERISTICS

	DLD-28/CBS/w	DLD-34/CBS/w	DLD-44/CBS/w
Manufacturer	Olympia Electronics S.A		
Model Number	1702161	1802161	3005111
Voltage Range	8.5-10.5V DC		
Nominal Power	800mW	980mW	
Connections	Fixed connection between main pcb and led module		
Temperature (tc)	45 °C max. across the board		

ATTENTION!! If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

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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