

## Osram Oslon High Output Chip | NiCad & Lithium Battery Options | Easy Install

### Applications

- ◊ Mezzanines
- ◊ Warehouses
- ◊ Freezer / Chill
- ◊ High Ceilings
- ◊ Manufacturing

### Specification

- ◊ Efficacy (lm/W): 160
- ◊ Voltage (V AC): 220 - 240
- ◊ Frequency (Hz): 50/60
- ◊ Battery Fuse: Internal to NED/6
- ◊ Discharge Volt Cut off : 6.0V
- ◊ IP: 44
- ◊ Side Cable Entry: 16mm Cable Gland
- ◊ Mains Input Terminal: 0.5mm - 2.5mm
- ◊ Power rating Non Maintained 22mA  $\lambda = 0.88$
- ◊ Beam Angle(°) : Wide & Narrow
- ◊ Colour Temperature : 5700k
- ◊ Operating Temperature: (°) 0 to + 50
- ◊ Battery Discharge Current : 1000mA
- ◊ Charge Current: 200mA  $\pm$  25mA
- ◊ Recharge Period: 24 Hours



### Options

- ◊ Sub Zero \* Add Suffix SZ
- ◊ Self-Test \* Add Suffix ST
- ◊ Central Battery \* Add Suffix CB
- ◊ Mini versions for low level



### Ordering information

| Variant Code  | Power (w) | Lumens | mm     |       |       | Weight (Kg) |
|---------------|-----------|--------|--------|-------|-------|-------------|
|               |           |        | Length | Width | Depth |             |
| ALT-500-Rack  | 6         | 996    | 370    | 120   | 90    | 1.59        |
| ALT-500-Wide  | 6         | 996    | 370    | 120   | 90    | 1.59        |
| ALT-CORR-Mini | 3         | 338    | 250    | 100   | 60    | 1           |
| ALT-WIDE-Mini | 3         | 338    | 250    | 100   | 60    | 1           |



5 years LED - 3 years battery \* NiCad  
5 years \* Lithium

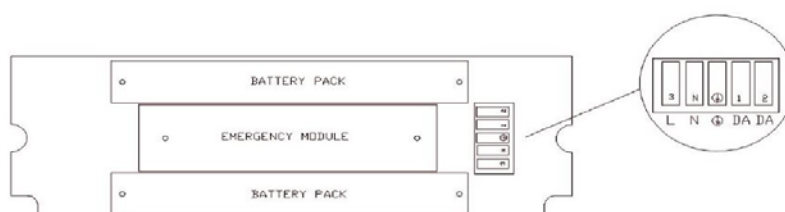


## Installation Steps

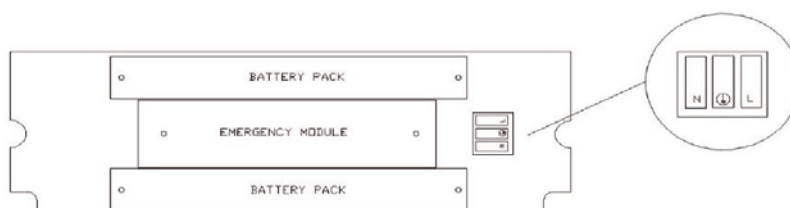
- 1 Remove the two front screws and lift off the diffuser
- 2 Remove the two screws on the hinged gear tray and lift to reveal the components underneath
- 3 Loosen the cable gland and feed mains cable through
- 4 Connect the cables to the terminal block as shown in the diagram below
- 5 For Non-Maintained operation, do not connect to the Switched Live terminal.
- 6 **Connect the Battery**
- 7 Screw the gear tray back into position ensuring no cables are trapped
- 8 Refit the cover
- 9 Fit the screws back into the diffuser making a water tight seal.

Typical Wiring  
Diagram

DALI Self-test Emergency



Standard Emergency



### Testing/Commissioning:

- Ensure the power is connected.
- Connect the battery.
- Switch on the Un-switched Supply - Check the Charge LED illuminates.
- Switch off the Un-switched Supply - Check the Charge LED extinguishes and the load LED illuminates.
- Enter the commissioning date on the Battery Pack.
- Switch on the Un-switched Supply

It is recommended that this product is installed by a competent person ensuring the installation complies with the necessary standards. EcolightingUK Ltd accept no responsibility for injury, damage or loss, which may arise as a result of incorrect installation or maintenance