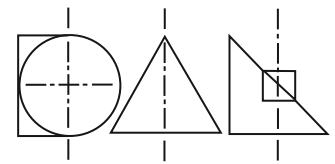


# Waylight

## Installation and Maintenance Procedure



PRODUCT NUMBER:- D019001960N  
 ALL LED PRODUCTS REQUIRE THE  
 USE OF A SUITABLE RATED DRIVER  
 (SUPPLIED)



SWITCH OFF  
 ABSCHALLEN  
 DISINSERIRE  
 COUPER LE CONTACT



IP20 220-240V~50/60 HZ

Country of origin  
 United Kingdom  
 WEE/EA0290TY



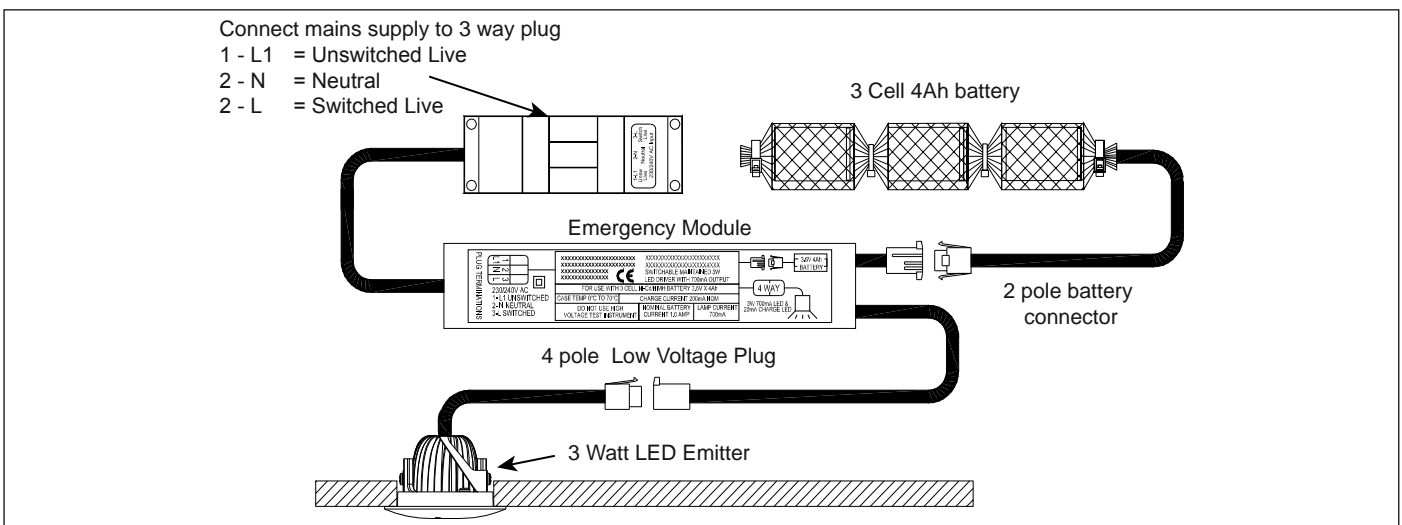
The kit is a standalone unit designed to provide maintained or non-maintained, three hour duration, emergency lighting using a variety of ceiling mounting 3W LED 700mA Minispot units. The units use a 3.6V 4.0 Ah Nickel Cadmium (NiCd) battery to provide a full output

### Installation Instructions

1. Cut a 43mm diameter hole in the ceiling tile.
2. Connect the LED bezel to the main assembly via the 4 way connector.
3. At the supply side of the 3 pole mains connector connect the Unswitched (Battery Charging) 240V supply to the 1-L1 Unswitched Live terminal. Connect the Neutral supply to the 2-N Neutral terminal. The unit is class II double insulated and no earth is required.
4. If maintained operation is required connect the Switched Lighting 240V supply to the 3-L Switched Live terminal.
5. Connect both halves of 3 pole mains connector together
6. Only connect the battery when the Unswitched supply is fully assured. Even though these units are protected with a Deep Discharge Protection Circuit, the Batteries can be damaged by being left in an uncharged state for prolonged periods. Ensure correct polarity.
7. When the supply is present and the battery connected, check that the green LED indicator is illuminated showing that the supply is healthy and the batteries are charging.
8. Pass the whole assembly through the 43mm aperture and clip the LED emitter into the ceiling.

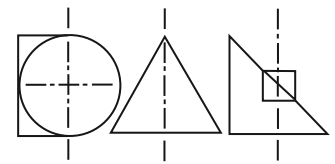
### Technical Information

<b>Input Voltage</b>	220-240 Volts AC 50/60 Hz
<b>Power Rating – Non-Maintained</b>	2.7 Watts - 26mA $\lambda = 0.42$
<b>Power Rating – Maintained</b>	5.8 Watts - 47mA $\lambda = 0.50$
<b>Emergency Duration</b>	3 Hours
<b>Ambient Temperature</b>	0°C to +50°C
<b>Max Case Temperature</b>	70°C
<b>Max Battery Temperature</b>	55°C
<b>Battery Type</b>	3.6V 4Ah Nickel Cadmium
<b>Charger</b>	200mA
<b>Recharge Time</b>	24 Hours
<b>Battery Discharge Current</b>	1.0 Amps
<b>Output current for LED</b>	700mA
<b>Ingress Protection</b>	IP20
<b>Minimum Void</b>	110mm
<b>Weight</b>	Module 150g + Battery 400g



- WARNING. SWITCH OFF MAINS BEFORE INSTALLING OR SERVICING
- REPLACE ANY CRACKED GLASS
- RETAIN PROCEDURE FOR FUTURE USE

# General Installation and Maintenance Procedure for Designed Architectural Lighting Luminaires



## General Information

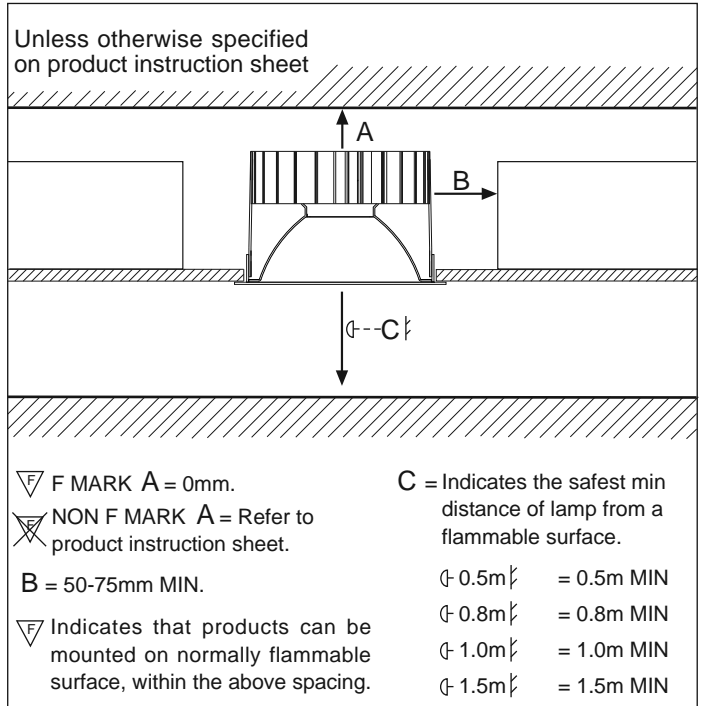
- Follow instruction sheet to ensure safe and reliable operation of product. Retain for future reference.
- The product should NOT be modified. Any modification will negate the safety mark/approvals, and may render the product unsafe.
- DAL accepts no responsibility for modified products. Modifications includes devices fitted between the lamp and lamp holder.
- All replacement component should be identical with those replaced. Disposal to be as manufacturer's instructions.
- DAL track luminaire must only be used on DAL track system or equivalent for which they are designed.

## Installation and Supply

- Unless specified otherwise, all products are IP20. DO NOT operate in damp or corrosive situations.
- Disconnect from mains supply before installation, maintenance or replacing fuse or lamp. Care must be taken when drilling holes near existing installation wiring, to avoid electric shock.
- Metal enclosed, Class II and Class III products must not be mounted in contact with or close to Earthed metal work, e.g. structural system of suspended ceilings.
- S.E.L.V. - To be used with Double Insulated. Extra Low Voltage, Safety Isolating Transformer or Driver only.
- When dimming is required, low voltage fittings should only be operated by a specifically rated dimmer.
- DAL accepts no responsibility for the effects of corrosive element in the installation/atmosphere.
- Any closure or ceiling void which prevents normal heat dissipation may cause reduced performance, overheating and risk of fire.

## Maintenance

- Only lamps of correct type and rating should be used, and fully and correctly inserted into the lampholder. Manufacturers instructions should be complied with.
- Certain lamp types (Metal Halide / Tungsten Halogen) reach maximum temperature rapidly. Care must be taken when adjusting or relamping.
- Metal Halide Lamps - Replace failed lamps promptly to avoid ballast damage.
- Replace all cracked or damaged safety glass immediately.
- Regular and careful cleaning is required to ensure optimum performance and safety. Designed Architectural Lighting accepts no responsibility for the effect of solvents used when installing, servicing or re-decorating the surround, or for the accumulation of dust and dirt.



<h3>CLASS I</h3> <p>THIS CLASS MUST BE EARTHED</p>	<h3>LEGEND</h3> <p>P/L - BROWN / L / COLOUR RED          N - BLUE / N / COLOUR BLACK          ⊕ - GREEN / YELLOW / EARTH E / ⊕ / COLOUR GREEN</p> <p>* TEMPERATURE RATING OF CABLE</p>
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<h3>CLASS II <span style="border: 1px solid black; padding: 0 2px;"> </span></h3> <p>DOUBLE INSULATED</p> <p>DO NOT USE ⊕ TERMINAL</p>	<h3>LEGEND</h3> <p>P/L - BROWN / L / COLOUR RED          N - BLUE / N / COLOUR BLACK          ⊕ - GREEN / YELLOW / EARTH E / ⊕ / COLOUR GREEN</p> <p>* TEMPERATURE RATING OF CABLE</p>
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<h3>CLASS III <span style="border: 1px solid black; padding: 0 2px;">III</span></h3> <p>LOW VOLTAGE</p> <p>DO NOT USE ⊕ TERMINAL</p>	<h3>LEGEND</h3> <p>P/L - BROWN / L / COLOUR RED          N - BLUE / N / COLOUR BLACK          ⊕ - GREEN / YELLOW / EARTH E / ⊕ / COLOUR GREEN          V - 6V / 12V / 24V / 48V AS INDICATED</p> <p>* TEMPERATURE RATING OF CABLE</p>
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