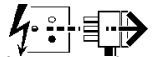


Undershelf Fluorescent Fixtures

Installation Instructions for: NLDL1-9

Safety

Follow the appropriate national wiring regulations. If in any doubt contact a qualified Electrician.



Disconnect from Mains supply before installation, Maintenance or replacing the lamp.

Lamps reach maximum temperatures rapidly. Take care when adjusting, relamping or cleaning.

We accept no responsibility for modified products or for the effects of cleaning solvents or for the accumulation of dust or dirt.

Do not interconnect Class III products with Class I or Class II.

Unless otherwise marked, products are IP20(ordinary).

Do not operate in damp or corrosive situations.

All products are suitable for use in ambient temperatures of 25° C. The product should not be covered with any heat insulating material. Air flow around the fitting should not be restricted. Note minimum distances to adjacent surfaces. Any enclosure which prevents normal heat dissipation may cause reduced performance, overheating or risk of fire. (see Installation Instructions for recommendations).

These products should be connected to the lighting circuit, or fused at a maximum of 5A. If a dimmer is installed it must be specifically rated as suitable for the equipment used.

After completing the installation, note the suppliers name, address and purchase date and hand this leaflet to the person responsible for lighting maintenance.

To ensure good electrical contact, terminals must be screwed in firmly and wire strands must not be tinned.

Follow these instructions carefully to ensure safe and reliable operation. Retain this leaflet for future reference. In case of any queries contact your supplier.

The following symbols may be found on the product or label:



-Class I. This fitting Must be Earthed and Equipotentially bonded.



-This fitting is suitable for mounting on Normally Flammable surfaces.



-Indicates the safest minimum distance of lamp from a flammable surface.



-Class II Double insulated. This fitting must not be Earthed.



-Class III Low Voltage (SELV).

Throughout these instructions the following coding may be used:

Line (L)	-	Brown or Red.
Neutral (N)	-	Blue or Black.
Earth (⊕)	-	Green/Yellow or Bare Conductor

Installation Instructions

1. Remove lamp, gently hold lamp at both ends and rotate until pins are visible through the slots in the tops of the lampholders. Withdraw the lamp from the lampholders.
2. Using the fitting as a template, mark the fixing hole positions.
3. Drill 2.5mm diameter x 5mm deep holes for the mounting screws.
4. Secure the fitting into position.
5. Replace the lamp by reversing the procedure in 1. above.
- 6.a Connect the supply cable to a suitable plug fused at 5 amps. Taking note of cable colour coding and plug markings.
Note: Maximum total circuit wattage from one plug is 1200W
- b. Further luminaires can be installed and connected to each other with the connecting leads or the direct connector.
- c. All cables should be fixed securely.
7. Important: Place End Blanking Plug in the end plug of the last fitting in line.
8. Switch on the mains supply and check that the fitting is operating correctly.

Lamp Changing

Defective lamps should be replaced as soon as possible, only lamps of the correct type and rating should be used (see product rating label).

The fitting and lamp can quickly become hot, ensure that both have cooled adequately before replacing lamps.

Disconnect from mains before starting procedure. For lamp removal and refitting method see installation instructions.

Dispose of old lamp in accordance with the lamp manufacturers recommendations.

Replacing the Starter

1. Remove the lamp.
2. Rotate the starter anti-clockwise and slide out when the starter is free.
3. Replace by following instructions 1. and 2. in reverse order.

Cleaning

Ensure mains supply is disconnected and that the fitting and lamp are cool. Use only a soft dry cloth. Do not use abrasives or solvents.

Note: Do not cover or place any item on the fitting