

INSTALLATION & MAINTENANCE MANUAL
NCLED series



GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

These instructions should be used to aid installation of the following products:
NCLED36/NCLED48/NCLED60

SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations [BS7671]
- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress of Protection) rating of this luminaire when deciding the location for installation
- This product is Class II double insulated
- This product is IP65 rated
- This product is non-dimmable

Note: Outdoor electrical installations should be protected by an earth leakage circuit breaker such as a residual current device (RCD)

INSTALLATION

Note: If this luminaire is being used in conjunction with external PIR or sensors, please confirm with the manufacturer of the sensors that they are compatible with LED luminaires

- Provide power to the required point of installation
- **Important:** Subject to the surface foundation material, ensure the correct fixings are used
If installed outside, the mains cable should be connected into a suitable IP rated junction box
- Referring to Fig 1, mark the location of the fixing holes. Drill the fixing holes ensuring not to infringe with any joists, gas / water pipes, or electrical cables that may be hidden behind the surface

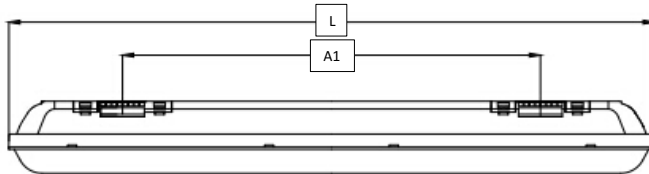


Fig 1

	L (mm)	A1 (mm)
NCLED36	1180	970 + 10
NCLED48	1480	890 + 10
NCLED60	1480	890 ± 10

- When using as a singular fitting, feed cable through compression gland at one end of the fitting, and remove rear access panel with the aid of a slotted screwdriver
- Connect the mains cable to the terminal block ensuring there are no exposed conductors or trapped insulation and observing correct polarity LIVE (brown), NEUTRAL (blue)
- This luminaire is double insulated and the earth terminal is not functional but provided to park the earth wire should it be required
- Please note - this luminaire has internal through-wiring and can be connected to the next luminaire from the opposite end of the electrical input by removing the diffuser and led plate if desired
- To gain access into the fitting, insert a slotted screwdriver into the access holes along each side of the fitting and carefully prise away the diffuser
- Remove the 4 holding screws from the LED plate (see Fig 2)

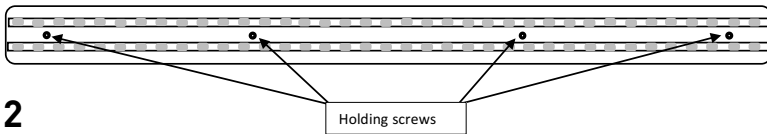
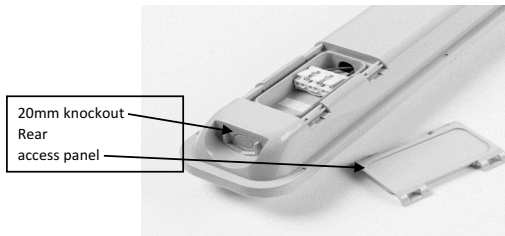


Fig 2

- Remove the rear access panel on the rear of the fitting with the aid of a slotted screwdriver
- Using a 20mm holesaw, drill a hole at the end of the fitting using the 20mm knock-out as a guide (see Fig 3) then attach the 20mm compression gland and locknut included in the fixings pack
- Replace the 4 holding screws on the led plate ensuring the screws are not impinging on the cables beneath
- Refit diffuser by pushing together with the body of the fitting

Fig 3



- Feed cable through compression gland and tighten
- Wire up terminal block as shown in Fig 4
- Replace the rear access panel

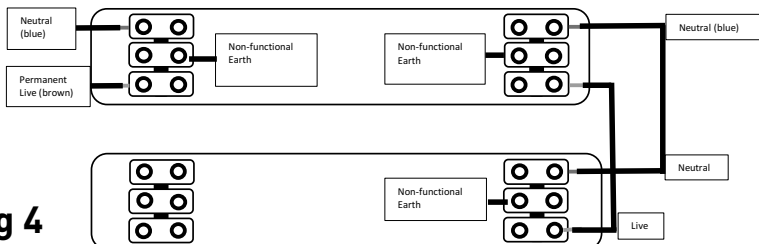


Fig 4

- Fix the luminaire to the fixing brackets
- Switch on and test for correct operation

WARNING

This product must be disconnected from the circuit if it subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

GENERAL

The LEDs fitted in this product are non-replaceable. The product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the fitting.

WARRANTY

This product has a warranty of 3 years from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations, improper use, or removal of the batch codes will invalidate the warranty. If this product should fail within its warranty period it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.



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