

INSTALLATION / WARRANTY INSTRUCTIONS

PRODUCT BRAND: PIERLITE

PRODUCT NAME: Director 2 LED Exit Light

PRODUCT CODE: DIRLEDPSSL, DIRLEDPDSL

Issue Date: 09/08/2022

Please read these installation instructions carefully before installing or maintaining this equipment. The product is designed for installation and maintenance in accordance with relevant Australian standards (AS/NZ3000), by an authorized and licensed electrician. The installation instructions were correct at the time of print. To reflect changes in technology and Australian and New Zealand standards; Pierlite reserves the right to amend the instructions without notice. Updated guidelines can be found on relevant brand web site.



1. PRODUCT SPECIFICATION:



Type of protection	Class I
Ingress protection	IP20
Nominal voltage	240V
Nominal frequency	50 Hz
Available wattages	Maximum 4.6 W
Power factor	0.6
Inrush current	30 A / 20 µs
Line current	0.027 A
Operating ambient temperature	0°C / 40°C
Rated average design life	50,000 hrs. (to L70)
Suitable for direct mounting on flammable surface	NO
Dimmable (if relevant refer brand web for approved list)	NO
Emergency battery technology	LiFePO4, 1 cell 3.2V 1500mAh
Designed application	Emergency Lighting
Installation Orientation	Surface/Ceiling Mount – DIRLEDPDSL Wall Mount - DIRLEDPSSL
Dimensions (LxWxH)	Wall mount L380 x W110 x H160 (mm) Ceiling mount L380 x W160 x H220 (mm)
Net weight of luminaire	1.3kg.
Warranty	3 year warranty including battery

3. INSTALLATION / GENERAL: Installation of the product is to be completed by an authorized and licensed electrician, in accordance with these instructions, relevant Australia standards and local regulations (where applicable). Termination of product wiring, together with the installation of the product must be in a manner and orientation that maintains the integrity of the designated IP rating of the product for electronic control equipment (when supplied) DO NOT MEGGER between A and N.

INSTALLATION INSTRUCTION FOR LED DIRECTOR

SERVICE AND OPERATION

Normal Operation: Maintained Emergency Operation.

The red LED light indicates battery is in charging mode. Green LED light indicates battery is fully charged. If battery not connected the red LED will flash.

Battery: Sealed LiFePO4, 3.2V 1500 mAh rechargeable battery pack. As per AS/NZS 2293, it is required that the battery pack is discharged and recharged at least once every 6 months.

In case of a replacement, same brand and type of battery pack must be used. Allow 24 hours charging time before carrying out any discharge tests as per AS/NZS 2293.

Charge Duration: 16 Hours

Discharge Duration: 2 Hours (Initial Test)

Test Switch: If manual test switch pressed, the fixture will operate from its battery supply.

INSTALLATION:

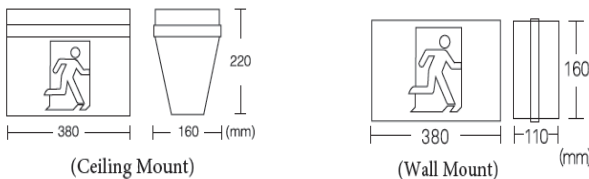
Installation of the product is to be completed by an authorized and licensed electrician, in accordance with these instructions, relevant Australia standards and local regulations (where applicable).

All cable terminations must be installed in accordance with the designated IP rating of the product.

APPLICATION The luminaire is designed for surface mounting. A 20mm cable entry is provided at the rear of the luminaire.

INSTALLATION

1. Remove gear tray from the luminaire body.
2. Fix test switch into test switch hole on the gear tray and secure
 Note: Test switch is not fixed by manufacturer to protect switch from mechanical damage during transit.
3. Fix the body on a smooth flat mounting surface using the 4 fixing holes provided.
 Note: When installing an exit sign the test switch and red LED should face downwards.
4. Feed the supply cable through the rear cable entry.
5. Wiring Instructions: Secure supply cable directly to way terminal block, on the gear tray as follows:
 Note: Maintained luminaires are pre-wired for Unswitched Active only.
6. Secure gear tray to the body by means of 4 (No. 6 x 1/4) screws taped inside the body.
7. Locate and secure the diffuser to the body and gear tray



IMPORTANT - the product must be maintained and operated in accordance with the manufacturer’s instructions, failure to do so may damage the product and services. It is strongly recommended that this important note be communicated to the owner and or operator of the installation at the time of site commissioning. Good practice does not recommend the 24/7 use of products without the application of suitable switch cycle intervals. Furthermore, with the omission of nominated survival curves and or recommended operating hours, product design expectations provide for a continual daily usage of 6 hours for residential applications and a continual daily usage of 12 hours for commercial and industrial applications. All products must be thoroughly cleaned on a regular basis at intervals that reflect in the installation environment, ensuring the optical performance, together with the electrical, mechanical, and structural integrity as designed, is maintained throughout the service life of the product.

APPROVALS: The RCM marking of this product applies to AS/NZS CISPR15 (EMC) “Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment”. This product is designed to conform to AS/NZS60598 “Luminaires, general requirements and tests”.



STORAGE: Prior to installation products are to be stored in cool and dry conditions.

APPLICATION: The installation application and orientation of the product is designed in accordance with the nominated product IP rating, class designation and these installation installations. Installation environments outside these conditions are not recommended.

MAINTENANCE:

(a) The supply must be isolated before opening or accessing the luminaire. Product maintenance is IMPORTANT and is critical to the products designed performance. The product is to be maintained in accordance with the manufacturer's instructions. For the latest product maintenance guides please go to relevant brand web site. Pierlite is not responsible for any product not maintained in accordance with the recommended procedure or intervals.

(b) Lamps (where provided): The product is designed with the supplied (LEDs) / LAMP/s and it is strongly recommended that any LAMP / (LEDs) changes (if any) be made in accordance with the type, colour and brand supplied. For recommended LAMP / LED maintenance or operating guides (inclusive of recommended product switch cycles and mandatory run-in procedures for HID and Fluorescent lamps when used with dimming circuits), Pierlite recommends the application of the lamp manufacturer's operating guidelines, which can be found on manufacturer's website. Pierlite is not responsible for the product performance of alternative lamp/s used. As a member of FluroCycle, we encourage recycling of lamps and components.

(c) Battery (where provided): The battery is designed with a rated average battery design life in standby mode, and is supported with a standard warranty (refer to product specifications for details); conditional of the product being maintained and operated in accordance with the manufacturer's guidelines and tested in accordance with AS/NZS2293. For guidelines see product installation instructions or visit the relevant brand web site.

(d) For products supplied with glass visors or covers, do not operate the product with a damaged visor or cover; it is recommended the product be turned off, area surrounding the product vacated, and the damaged glass replaced by a professional installer immediately.

(e) Cables or cords (where provided): If any external cable or cord of the X or Y type luminaire is damaged, it shall be replaced by a qualified person or manufacturers service agent.

For Z type attachments to luminaire, cord cannot be replaced if damaged, the luminaire shall be removed from service.

Flex cord types

- X: Specially prepared flexible cable or cord, may also include a part of the luminaire and only available from manufacturer.
- Y: Attachment may be used with either an ordinary or special flexible cable/cord.
- Z: Attachment of cable/cord that cannot be replaced without damage to luminaire

WARRANTY INSTRUCTIONS: For purpose of warranty claims (if any) the following instructions apply:

Warranty period - The above components are provided with a warranty (refer to product specifications for details) against manufacturing defects or failure to perform to specifications for products installed by an authorised installer in accordance with the manufacturer's installation instructions and which have not been subject to incorrect operation or maintenance, unauthorised modification or damage arising from any intervening cause.

Warranty reference - The warranty reference date commences from the date of purchase.

Warranty point of contact – Pierlite, 96 Gow Street Padstow NSW 2211, phone T 1300 799 300 – Pierlite After Sales Support.

Warranty claim procedure – For the purpose of making a claim the customer must:

1. Contact the "point of contact" above and upon provision of proof of purchase the customer will receive a goods return advice (GRA) number.
2. At the customer's expense, collect and return the goods to the "point of contact" with the issued GRA number.
3. Upon receipt of the goods, Pierlite will review the claim and if found to be accepted, Pierlite will return a replacement product to the customer to install at the customer's expense. Alternatively, if the claim is rejected, the customer may request the return of the goods at their expense.

Consumer Contracts - The benefits to the customer given by the Pierlite warranty are in addition to other rights and remedies of the customer if the goods are the subject of a Consumer Contract under the Australian Consumer Law. In that event the following statement is required to be brought to the Consumer's attention: - *Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.*

Limitation of Liability – if the goods are not purchased by the customer under a Consumer Contract within the Australian Consumer Law then but not otherwise;- (a) the Company is not liable in tort for any loss or damage suffered by the customer or by any third party; and (b) in no circumstances is Pierlite liable to the customer or to any third party for any loss of profits, loss of anticipated savings, economic loss or interruption of business or for any indirect or consequential loss (Consequential Loss).

Terms of Sale – these warranty provisions are in substitution for any inconsistent provisions in the Pierlite Terms and Conditions of Sale in so far as they apply to the warranty components.