

## INSTALLATION / WARRANTY INSTRUCTIONS

### SDWLED444E4 & SDWLED222E4

**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), THESE INSTRUCTIONS AND LOCAL REGULATIONS (WHERE APPLICABLE), BY AN AUTHORISED AND LICENCED ELECTRICIAN.**

THE INSTALLATION INSTRUCTIONS WERE CORRECT AT THE TIME OF PRINT. TO REFLECT CHANGES IN TECHNOLOGY AND AUSTRALIAN STANDARDS; PIERLITE AUSTRALIA RESERVES THE RIGHT TO AMEND THE INSTRUCTIONS WITHOUT NOTICE. UPDATED GUIDELINES CAN BE FOUND ON [www.pierlite.com](http://www.pierlite.com).

**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. PIERLITE AUSTRALIA IS NOT RESPONSIBLE FOR ANY PRODUCT NOT MAINTAINED IN ACCORDANCE WITH THE RECOMMENDED PROCEDURES. ALL PRODUCTS SHOULD BE THOROUGHLY CLEANED ON A REGULAR BASIS TO ENSURE THE OPTICAL PERFORMANCE, TOGETHER WITH THE ELECTRICAL, MECHANICAL AND STRUCTURAL INTEGRITY AS DESIGNED, IS MAINTAINED THROUGHOUT THE SERVICE LIFE OF THE PRODUCT.



For the latest product online reference data, simply install and activate a QR code scanner application on your smartphone. For more information visit [www.pierlite.com](http://www.pierlite.com)



#### 1. PRODUCT SPECIFICATION:

	<b>SDWLED444E4</b>	<b>SDWLED222E4</b>
Type of Protection	- Class 2 Luminaire	Class I Luminaire
IP Rating	- IP65	IP65
Nominal Voltage	- 240V	240v
Circuit wattage	- 44.6W	22.5W
Line current	- 0.201A	0.105A
Important – when installing electronic or HID lighting equipment, the installer must consider the in-rush start current (if any) as documented on the control gear identification label when selecting appropriate circuit controls or protective devices.		
Power factor	- 0.9	0.9
Nominal Freq. (Hz)	- 50 Hz	50Hz
Rated Maximum Ambient Temperature	- 40°C	40°C
Suitable for direct mounting on flammable surfaces	- YES	YES
Dimmable (if relevant refer <a href="http://www.pierlite.com">www.pierlite.com</a> for approved list)	- NO	NO
Installation orientation	- Horizontal Base Up	Horizontal Base Up
Designed application	- Industrial	Industrial

**2. APPROVALS:** The RCM marking of this product applies to AS/NZS CISPR15:2006 (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".



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

**4. 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.

**5. INSTALLATION / GENERAL:** Installation of the product is to be completed by an authorized and licenced 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. The mounting facilities provided for the transformer (if any), need only be utilized if in the application of the product is required by AS/NZS3000. **For electronic control equipment (when supplied) DO NOT MEGGER between A and N.**

## 6. INSTALLATION / SPECIAL CONDITIONS (relevant only for products approved for such an installation):

**(a) products installed in high wind environments** must have suitable installation / fastening methods applied to ensure the product's mounting points are not damaged through, corrosion, constant vibration and or movement. Exterior products are designed with precise vertical aiming limits, which should not be exceeded.

**(b) products installed in corrosive or salt laden environments** require special consideration and such; specific product selection, inclusive of suitable fastening methods and extensive ongoing maintenance of products installed in these environments require professional advice. It is essential that all aspects of the product selection, material specification and maintenance are specifically designed for such use.

**(c) interior highbay products** must be vertically suspended. The method of suspension (chain etc) must be able to support at least 5 times the total weight of the fitting. Do not install where air movement will cause the fitting to swing about, causing wear and tear of attachment points. Luminaires should be installed where access for maintenance is practical and allows for maintenance to be completed in accordance with the manufacturer's recommendations.

**(d) interior (downlight) products** must be installed to ensure the lamp unit or the driver are not covered with any combustible materials or insulation; minimum spacings nominated for these materials are mandatory. The minimum clearance of 25mm around the downlight from insulation or combustible material is required. For dimming purposes please see [www.pierlite.com](http://www.pierlite.com) for the dimming compatibility chart. When mounting multiple fixtures to conductive structures, it is recommended that the structure is earthed

## 7. 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 [www.pierlite.com](http://www.pierlite.com). Pierlite Australia 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 Australia recommends the application of the lamp manufacturer's operating guidelines, which can be found on manufacturer's website. Pierlite Australia is not responsible for the product performance of alternative lamp/s used. As a member of FluroCycle, Pierlite Australia encourages recycling of lamps and components..

**(c) battery (where provided):** The battery is designed with a rated average battery design life of 25,000 hrs in standby mode. The battery is supported with a standard 12 month warranty; 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 [www.pierlite.com](http://www.pierlite.com).

**(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.

**8. WARRANTY:** Product warranty is in accordance with Pierlite Australia's standard terms and conditions of sales, unless specifically stated otherwise in this document. For the latest terms and conditions of sale please see [www.pierlite.com](http://www.pierlite.com).