

INSTALLATION / WARRANTY INSTRUCTIONS

issue date: 12/10/2016

PRODUCT BRAND Pierlite

PRODUCT NAME / CODES Dark Downlights Range

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 (AS3000) 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; GERARD LIGHTING RESERVES THE RIGHT TO AMEND THE INSTRUCTIONS WITHOUT NOTICE. UPDATED GUIDELINES CAN BE FOUND ON THE RELEVANT BRAND WEB SITE.

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.



For the latest product online reference data, simply install and activate a QR code scanner application on your smartphone. For more information refer brand web.



1. PRODUCT SPECIFICATION:

Product brand	- Pierlite
Type of Protection	- Class III Luminaire (Downlights heads only) Class II – complete with driver
IP Rating - for interior products, the IP rating nominated is "from below the ceiling" unless specifically nominated.	- refer to rating label
Nominal design Voltage	- 240V
Circuit wattage	- refer to rating label
Line current	- refer to rating label
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
Nominal Freq. (Hz)	- 50 Hz
Rated Minimum / Maximum Ambient Temperature	- 0°C / 25°C
Suitable for direct mounting on flammable surfaces	- NO
Dimmable (if relevant refer brand web for approved list)	- refer to driver
Installation orientation	- Interior Ceiling Recessed
Designed application	- Interior
Rated average design life	- 50 000Hours (to L70)

2. 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".



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 instructions. Installation environments and operating conditions beyond these instructions are not recommended.

5. 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.

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. Any vertical floodlight aiming requirements should be specifically validated in writing with the relevant brand before consideration.

(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 and a cleaning program be adopted that maintains the design integrity of the product.

(c) interior (downlight) products must be installed to ensure the lamp unit or the driver (if supplied) are not covered with any combustible materials or insulation; minimum spacings nominated for these materials are mandatory. Unless otherwise specified, minimum clearances are in accordance with AS3000 requirements. The product is not designed for installation environments which restrict conventional airflow movements eg: enclosed boxes or concrete profiles. For dimming purposes please see the relevant product brand web site for the dimming compatibility chart. When mounting multiple fixtures to conductive structures, it is recommended that the structure is earthed. The mounting facilities provided for the transformer/driver (if any), need only be utilized if in the application of the product is required by AS3000. IP ratings stated (if any) are from below the ceiling unless stated otherwise and the installation of the product must be in a manner that maintains the integrity of the relevant IP rating.

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 relevant brand web site. Gerard Lighting 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), Gerard Lighting recommends the application of the lamp manufacturer's operating guidelines, which can be found on manufacturer's website. Gerard Lighting is not responsible for the product performance of alternative lamp/s used. As a member of FluroCycle, we encourage recycling of lamps and components.

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

Warranty components - THE PRODUCT, (identified as the THE PRODUCT only). **Warranty period** - The above components are provided with a warranty of FIVE (5) year/s or 35 000 hours of operation (which ever arrives first) 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** - Gerard Lighting Pty Ltd, 96 Gow Street Padstow NSW 2211, phone T 02 9794 9300 contact - Gerard Lighting After Sales Support.

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

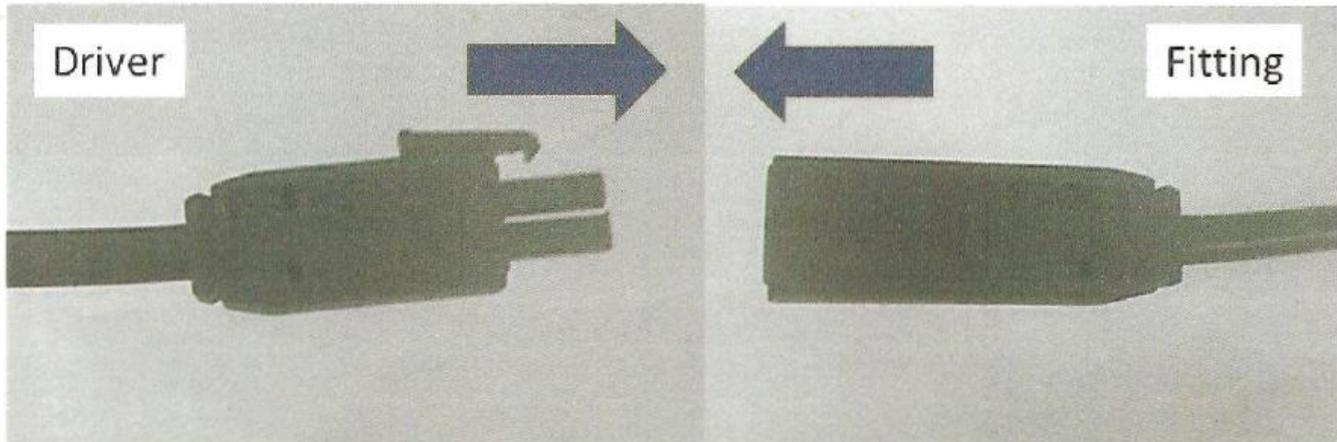
1. Contact the "point of contact" above and upon provision of proof of purchase the customer will receive a goods return advice (GRA) number. 2. At the customer's expense, collect and return the goods to the "point of contact" with the issued GRA number. 3. Upon receipt of the goods, Gerard Lighting will review the claim and if found to be accepted, Gerard Lighting 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 Gerard Lighting 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 Gerard Lighting 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 Gerard Lighting Terms and Conditions of Sale in so far as they apply to the Warranty components.

DRIVER CONNECTION

NOTE: ONLY DRIVERS APPROVED AND SUPPLIED AS LISTED BY PIERLITE ARE ACCEPTED FOR DARK LIGHT DOWNLIGHTS RANGE

ALL DRIVERS MUST BE CONNECTED USING SUPPLIED CABLE AND CONNECTORS.

INSTALLATION MUST BE IN ACCORDANCE WITH THE SUPPLIED INSTRUCTION AND INSTALLATION SHEET. SEE DRIVER LIST BELOW FOR OPTIONS AND RUN CURRENT SETTINGS



DRIVER LIST

Part Number	Wattage	Current	Driver Assembly		
			Standard (D1)	1-10V (D2)	DALI (D3)
DAF100315, DAF100324, DAF100336, DAF100360, DAF100415, DAF100424, DAF100436, DAF100460, DAA100315, DAA100324, DAA100336, DAA100415, DAA100424, DAA100436, DAW1003FL, DAW1004FL	12.5W	350mA	DAD20F01	DAD20V035001	DAD20D01
DAF125315, DAF125324, DAF125336, DAF125360, DAF125415, DAF125424, DAF125436, DAF125460, DAA125315, DAA125324, DAA125336, DAA125415, DAA125424, DAA125436, DAW1253FL, DAW1254FL	18W	500mA	DAD20F05001	DAD20V05001	DAD20D05001
DAF150/26315, DAF150/26324, DAF150/26336, DAF150/26360, DAF150/26415, DAF150/26424, DAF150/26436, DAF150/26460, DAA150/26315, DAA150/26324, DAA150/26336, DAA150/26415, DAA150/26424, DAA150/26436, DAW150/263FL, DAW150/264FL,	26W	700mA	DAD32F01	DAD32V07001	DAD32D01
DAF150/33460, DAF150/33315, DAF150/33324, DAF150/33336, DAF150/33360, DAF150/33415, DAF150/33424, DAF150/33436, DAA150/33315, DAA150/33324, DAA150/33336, DAA150/33415, DAA150/33424, DAA150/33436, DAW150/333FL, DAW150/334FL	33W	900mA	DAD50F09001	DAD50V09001	DAD50DV09001