

INSTALLATION / WARRANTY INSTRUCTIONS

PRODUCT BRAND: PIERLITE

PRODUCT NAME: SHADOW ECO FLOODLIGHT GEN3

PRODUCT CODE: SHAD30CSLSG3, SHAD50CSG3, SHAD100CSG3, SHAD200CSG3

Issue Date: April 26, 2024

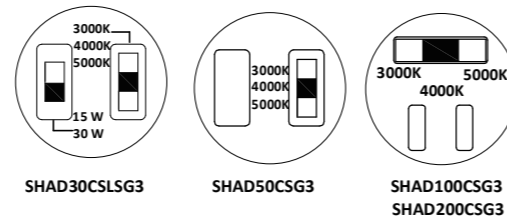
Please read these installation instructions carefully before installing or maintaining this equipment. The product is designed for installation and maintenance in accordance with relevant Australian standards (AS/NZ3000), by an authorised and licensed electrician. The installation instructions were correct 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:

Item code	SHAD30CSLSG3	SHAD50CSG3	SHAD100CSG3	SHAD200CSG3
Material and Colour	Die casting RAL 7021			
Electrical classification	Class I			
Ingress protection	IP65			
IK rating	IK08			
Nominal voltage	220-240V ac			
Nominal frequency	50Hz			
Available wattages	15W/30W	50W	100W	200W
Line current	Refer to section 3			
Power factor	>0.9			
Surge protection rating	4KV/6KV	4KV/6KV	4KV/6KV	4KV/6KV
Inrush current	22A /400µs@15W, 25.6A /310µs@30W	41.6A/290µs	35.6A/400µs	59.2A/530µs
Earth leakage	0.35mA	0.35mA	0.75mA	0.75mA
Operating ambient temperature	-25 ~40°C			
LED lifetime	L70B50 > 54000 hours			
Colour temperature	3000K/4000K/5000K			
SDCM	<6 for 3000K/5000K			
Colour rendering index (CRI)	>80			
Lumen output	Refer to section 3			
LED control gear	Constant current driver			
Electrical connection	1.0M 3x1.0mm ² flex			
Installation Orientation	Horizontal or vertical			
Dimensions (LxWxH)	Refer to section 4			
Net weight of luminaire	Refer to section 4			
Applications	Outdoor			
Direct mounting on flammable surfaces	Yes			
Cord Type (X,Y,Z)	Z			
Warranty	5 years			

These products are designed to be CCT and lumen selectable. Factory settings could be altered accordingly by adjusting the DIP switches located on the bottom of the fitting.



2. LUMEN SELECT TABLE (contractor selectable output)

Pierlite's lumen select products allows all licensed electricians to purchase one luminaire that can be set as multiple fixed wattages/fixes lumen outputs. By offering this capability within one fitting, it provides the following benefits

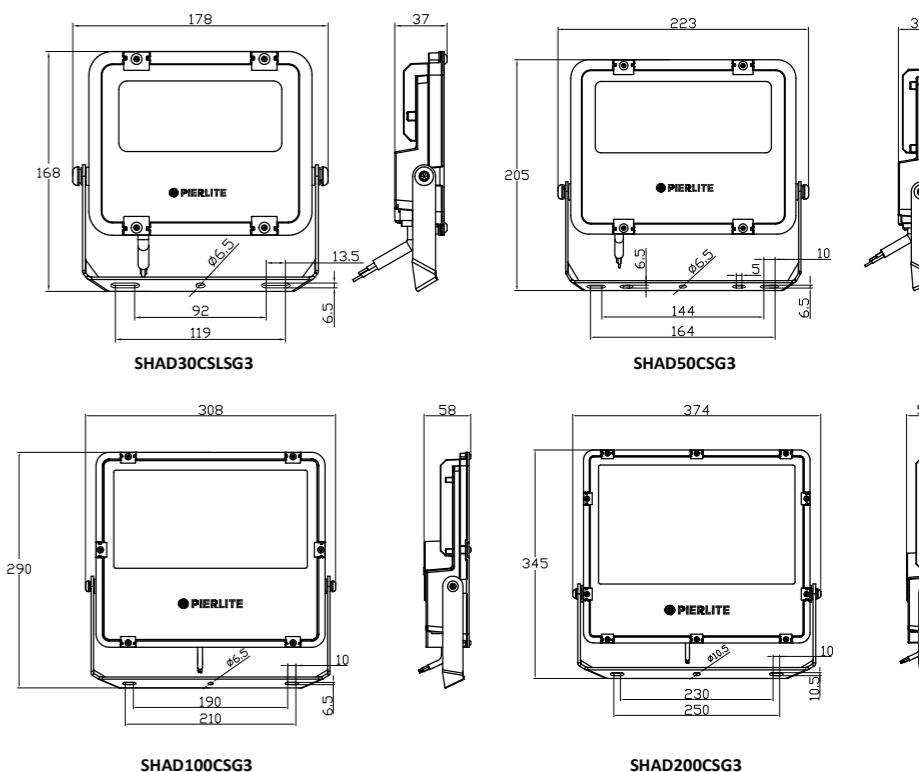
- One fitting multiple fixed outputs
- Less stocked items
- Easy to change settings
- IES files available for all available for wattages shown in the above table
- No control system or software required to change fixed output

The lumen output can be altered by changing the dip switches located on the bottom of the fitting from the factory default setting to the preferred lumen output to suit various applications.

Product Code#	Power (W)	Line Current (A)	Lumen Output (Lm)	Dip Switch Settings	CCT (K)
SHAD30CSLSG3	15	0.069	1990		3000
			2080		4000
			2100		5000
	30	0.135	3700		3000
			4050		4000
			3930		5000
SHAD50CSG3	50	0.21	5780	NA	3000
			6600		4000
			6390		5000
			12600		3000
			14000		4000
SHAD100CSG3	100	0.44	13400	NA	5000
			24700		3000
			28000		4000
			26200		5000
			26200		3000
SHAD200CSG3	200	0.84	28000	NA	4000
			26200		5000
			26200		3000
			26200		4000
			26200		5000

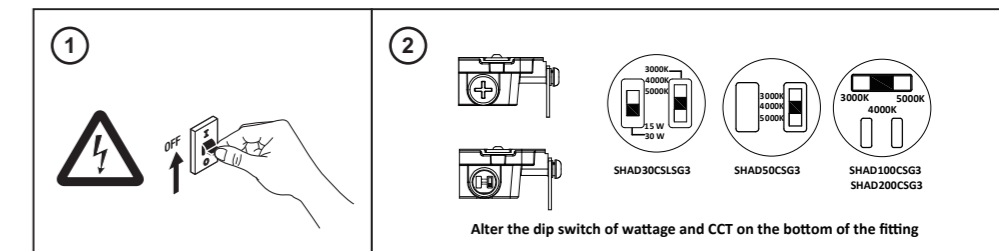
3. LINE DIAGRAMS AND DIMENSION

Item code	Length (mm)	Width (mm)	Height (mm)	Weight in (kg)	Projected Area Max
SHAD30CSLSG3	168	178	37	0.82	0.02m ²
SHAD50CSG3	205	223	36	1.077	0.031m ²
SHAD100CSG3	290	308	58	2.2	0.068m ²
SHAD200CSG3	345	374	58	3.44	0.1m ²



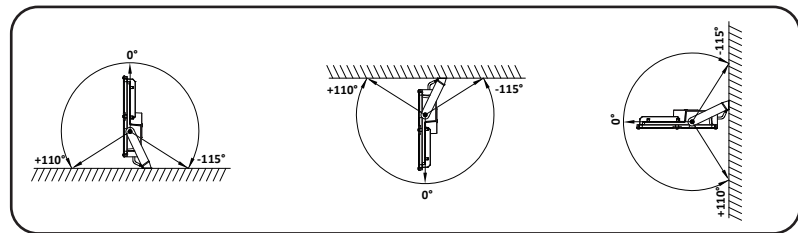
4. INSTALLATION / GENERAL: Installation of the product is to be completed by an authorized and licensed electrician, in accordance with these instructions, relevant Australia standards and local regulations (where applicable). Termination of product wiring, together with the installation of the product 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 instructions:

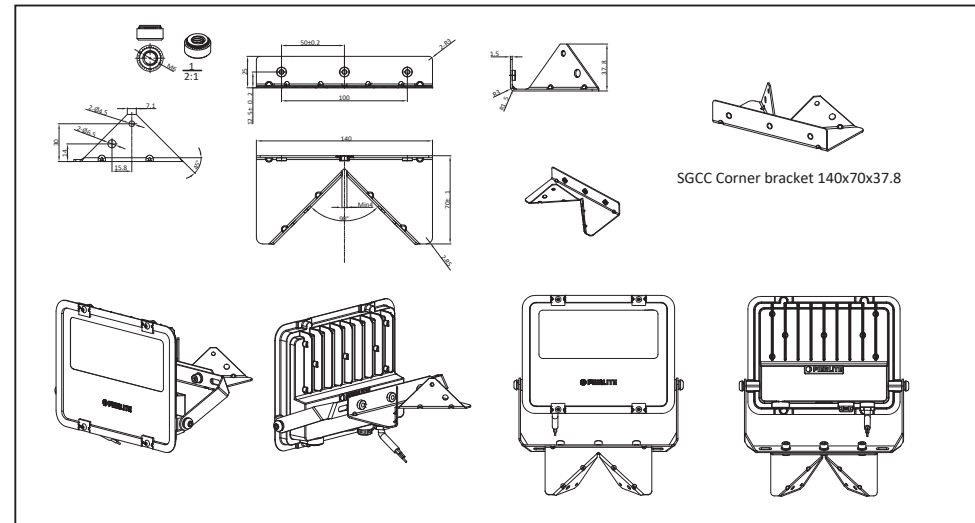


	φ:Diameter of mounting holes	d:Distance of installation holes	Expansion tube size	screw size
SHAD30CSLSG3 SHAD50CSG3	φ10mm	92~119mm	50mm	ST6*55mm
SHAD100CSG3 SHAD200CSG3	φ8mm	144~164mm	50mm	ST6*55mm
	φ12mm	190~210mm		M6*60mm
		230~250mm		M10*70mm

Installation orientation:



Corner bracket Installation instructions for SHAD30CSLSG3 and SHAD50CSG3:



WARNING: The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

5. 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 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.

8. 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.

9. 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.

10. 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 manufacturer's 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

11. 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:

- Contact the "point of contact" above and upon provision of proof of purchase the customer will receive a goods return advice (GRA) number.
- At the customer's expense, collect and return the goods to the "point of contact" with the issued GRA number.
- 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.