

435*210mm



Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz

INSTALLATION / WARRANTY INSTRUCTIONS

PRODUCT BRAND: PIERLITE
PRODUCT NAME: SHADOW ECO FLOODLIGHT 60W
PRODUCT CODE: SHAD00CLSPG3, SHAD00CLSPG3, SHAD00CPG3, SHAD00CPG3, SHAD00CPG3
Issue Date: November 5, 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/NZS3000), 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:

Item code	SHAD00CLSPG3	SHAD00CLSPG3	SHAD00CLSPG3	SHAD00CPG3	SHAD00CPG3	SHAD00CPG3	SHAD00CPG3
Material and Colour	Die casting zinc alloy						
Electrical classification	IP65						
Ingress protection	IP65						
Wiring	4-wire						
Nominal voltage	220-250V ac						
Nominal frequency	50Hz						
Available wattages	150W/300W / 150W/300W / 50W / 50W / 100W / 200W						
Line current	Refer to section 3						
Power factor	15W PF>0.97 / 30W PF>0.9 / 50W PF>0.95 / 100W PF>0.95 / 200W PF>0.95						
Surge protection rating	4kA/10kV						
Input current	22A / 400V@0.95W / 25.6A / 230V@0.95W						
Earth leakage	0.05mA						
Operating ambient temperature	-25 ~ +60°C						
LED lifetime	L70B50 > 50000 hours						
Colour temperature	3000K / 4000K / 5000K						
SCCM	25.7m / 2000K / 4000K						
Colour rendering index (CRI)	>90						
Lumen output	Refer to section 3						
LED control gear	Constant Current Driver						
Electrical connection	1.68-1.82mm (0.063-0.071)						
Installation Orientation	Horizontal or vertical						
Dimensions (LxWxH)	Refer to section 4						
Net weight of luminaire	Refer to section 4						
Applications	Outdoor						
Direct mounting on flameable surface	Yes						
Cont type (N/A/2)	2						
Warranty	5 years						

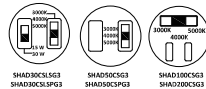
PAGE 1 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382



Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz

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/fixed 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
- ES free available for all available 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)	Low Current	Lumen Output (lm)	Dip Switch Settings	CCT (K)
SHAD00CLSPG3	15	0.087	1350	1	3000
			2100	2	4000K/5000K
	30/60Wx2	0.115	2700	3	5000K
SHAD00CPG3	15	0.085	1350	1	3000
			2100	2	4000K/5000K
	30/60Wx2	0.145	2700	3	5000K
SHAD00CPG3	50	0.21	4600	NA	4000K/5000K
SHAD00CPG3	50	0.22	4600	NA	4000K/5000K
SHAD (H/C/S)	100	0.44	9200	NA	4000K/5000K
SHAD00CPG3	200	0.88	18400	NA	4000K/5000K

3. LINE DIAGRAM AND DIMENSION

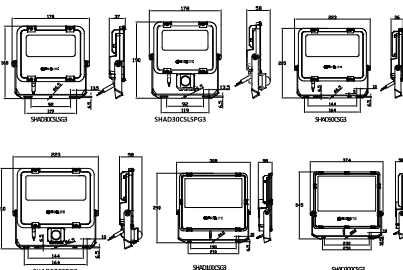
Item code	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Projected Area Max
SHAD00CLSPG3	170	170	37	0.8	0.02m²
SHAD00CPG3	170	170	37	0.878	0.02m²
SHAD00CPG3	205	273	38	1.077	0.03m²
SHAD00CPG3	210	273	38	1.129	0.03m²
SHAD00CPG3	290	308	58	2.2	0.06m²
SHAD00CPG3	345	374	58	3.66	0.07m²

PAGE 2 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382



Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

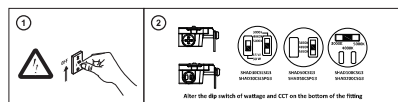
Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz



4. INSTALLATION / GENERAL:

Installation of the product is to be completed by an authorized and licensed electrician, in accordance with these instructions, relevant Australian 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 MESSAGE BETWEEN A and B.

Installation instructions:



After the dip switch of wattage and CCT on the bottom of the fitting

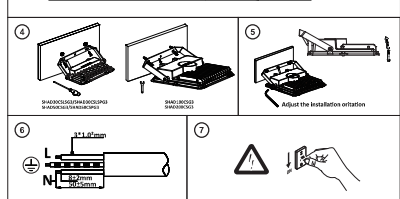
PAGE 3 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382



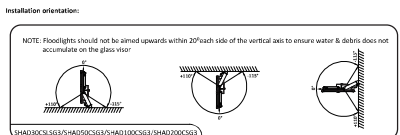
Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz

Item code	Φ Diameter of mounting holes	Φ Distance of installation holes	Expansion tube size	screw size
SHAD00CLSPG3	Φ12mm	87-110mm	50mm	STD-50mm
SHAD00CPG3	Φ12mm	87-110mm	50mm	STD-50mm
SHAD00CPG3	Φ12mm	144-110mm	50mm	STD-50mm
SHAD00CPG3	Φ12mm	144-110mm	50mm	STD-50mm
SHAD00CPG3	Φ12mm	144-110mm	50mm	STD-50mm
SHAD00CPG3	Φ12mm	144-110mm	50mm	STD-50mm
SHAD00CPG3	Φ12mm	144-110mm	50mm	STD-50mm
SHAD00CPG3	Φ12mm	144-110mm	50mm	STD-50mm



Installation orientation:

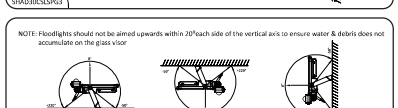
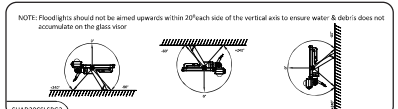


PAGE 4 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382

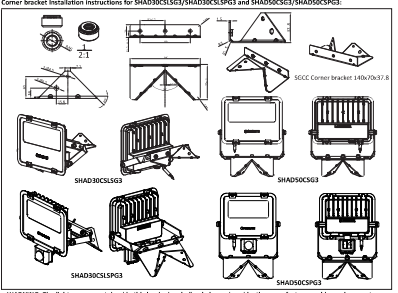


Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz



Corner bracket installation instructions for SHAD00CLSPG3/SHAD00CPG3 and SHAD00CPG3/SHAD00CPG3:



PAGE 5 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382



Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz

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 void the warranty. 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 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 continuous daily usage of 8 hours for residential applications and a continuous daily usage of 22 hours for commercial and industrial applications. All products must be thoroughly tested on a regular basis at intervals that reflect the installation environment, ensuring the optimal performance, together with the electrical, mechanical, and structural integrity as designed, is maintained throughout the service life of the product.

6. APPROVAL: The RCM marking of this product applies to AS/NZS CBP15 (EMC) "Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment". This product is designed to conform to AS/NZS3000 "Luminaires, general requirements and tests".

7. 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 outside these conditions are not recommended.

8. 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 LED(s) (LAMPs) and 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 (including 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 Signify, 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 supplied 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 2 type attachments to luminaire, cord cannot be replaced if damaged, the luminaire shall be removed from service.

Flex cord used:

- 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

PAGE 6 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382



Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz

8. WARRANTY INSTRUCTIONS:

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 authorized installer in accordance with the manufacturer's installation instructions and which have not been subject to incorrect operation or maintenance, unsuitable 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, PO Box 1000, Melbourne VIC 3001, phone 1 300 799 300 - 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. We 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's 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).

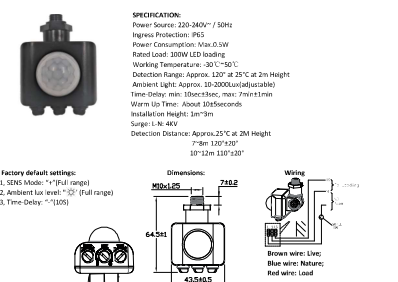
Terms of Sale: - These warranty provisions are in substitution for any inconsistent provisions in the Pierlite Terms and Conditions of Sale in so far as they apply to the warranty components.

PAGE 7 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382



Pierlite Australia
Phone: 1300 799 300
pierlite.com.au

Pierlite New Zealand
Phone: 0800 743 714
pierlite.co.nz



FUNCTION:

- LUX:** It can be adjusted to suit ambient lux level. Floodlight can work in the daytime and at night when it is adjusted on the "L" position (max). Or it can work only if ambient light less than 10Lux when it is adjusted on the "max" position (min).
- SENS:** It can be adjusted according to using location; from lowest sensitivity has 2m detection distance to high sensitivity has 12m detection distance.
- TIME:** Can be selected between a minimum time of 10seconds and a maximum of 7mins/3min, the timer will be triggered when the sensor is activated through movement.
- To override sensor function and enter **MANUAL MODE**, quickly switch the power OFF / ON, twice at the wall switch (within 3 seconds). Your light should now be in MANUAL MODE and will stay on permanently or can be activated as required by a wall switch.
- To switch back to **SENS MODE**, turn the power OFF and wait for 10 seconds then turn it back ON again.

PAGE 8 Pierlite is a division of Signify Innovations Australia Pty Ltd - ABN 74 833 622 196, and Signify New Zealand Ltd - NZBN 942 904 097 2382