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INSTALLATION / WARRANTY INSTRUCTIONS

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Pierlite C350 LOW BAY



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 RESERVES THE RIGHT TO AMEND THE INSTRUCTIONS WITHOUT NOTICE. UPDATED GUIDELINES CAN BE FOUND ON 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. PIERLITE 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.



LUMEN SELECT™



1. PRODUCT SPECIFICATION:

Type of protection	Class I luminaire
IP rating	IP65
IK rating	IK09 - glass cover
Nominal voltage	240V
Nominal frequency	50 Hz
Available wattages	Please refer to section 4
Power factor	>0.9
Rated operating ambient temperature	0 to -50°C
Humidity	95% relative humidity
LED lifetime (L70) rated	54,000 hours @ 50°C
Colour temperature	3000K and 4000K and 5000K
Colour rendering index (CRI)	80
LED control gear	Non dimming and DALI
Available in emergency	NO
Emergency battery technology	NO
Electrical connection	NO
Cable entry	1x 16mm
Installation orientation	Surface mounted
Dimensions (LxWxH) mm	350 x 350 x 126
Net weight of luminaire	7.3kg

3. LUMEN SELECT METHODOLOGY

Fitting Type	Wattage	Mounting	Control gear	Colour Temperature
C350	LS = Lumen Select	S = Surface Mount	E = Non Dimming Driver - Lumen Select Fitting	3=3000K
				4=4000K
	150W		D= DALI Driver - No lumen select	5=5000K

4. ELECTRICAL CHARACTERISTICS

SKU to Order	System Wattage (W)	Control Gear	Lumen Output	Efficacy	Line Current (A)	Power Factor	Colour Temperature	Inrush Current	Earth Leakage
C350SLSE3	60W	Lumen Select	9753	156	0.65	>0.9	3000K	115A @200µs	0.46mA
	100W		15454	153					
	150W		22206	148					
C350SLSE4	60W		10542	169			4000K		
	100W		16726	166					
	150W		24000	160					
C350SLSE5	60W		10873	175			5000K		
	100W		17215	162					
	150W		24658	166					
C350S150D3	150W	DALI	22206	148	3000K	135A @200µs			
C350S150D4			24000	160	4000K	135A @200µs			
C350S150D4			24658	166	5000K	135A @200µs			

5. DALI CONTROL GEAR: The LED driver and emergency control gear are controllable through an industry standard DALI. A DALI connection is not required in a non-systemized electrical system, if DALI is not required you do not need to connect it. **Note:** when designing the DALI system this fitting accounts for 1 DALI address.

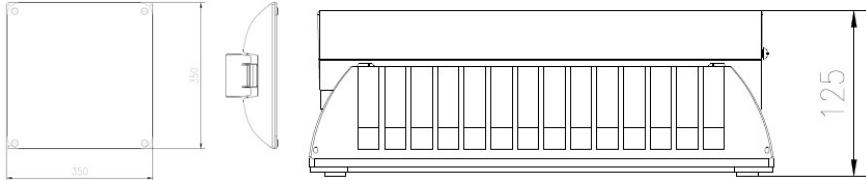
6. APPROVALS: The RCM marking of this product applies to AS/NZS CISPR15 (EMC) "Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment". This product is designed to conform to all current AS/NZS60598 "Luminaires, general requirements and tests".



- 7. STORAGE:** Prior to installation products are to be stored in cool and dry conditions.
- 8. 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.
- 9. 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 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: please refer to last page.

11. Line Diagrams



12. 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) 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.

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

Warranty period - The above components are provided with a warranty of **Five (5) years** 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.

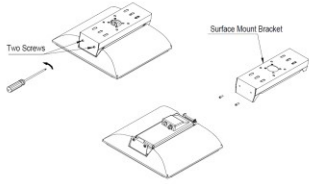
Warranty point of contact – Pierlite Pty Ltd, 96 Gow Street Padstow NSW 2211, phone T 1300 799 300 contact – Pierlite After Sales Support.

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).

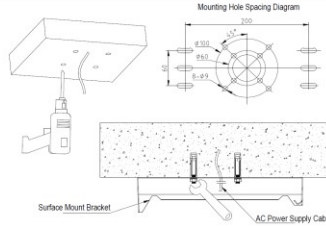
Terms of Sale – these Warranty provisions are in substitution for any inconsistent provisions in the Pierlite Terms and Conditions of Sale in so far as they apply to the Warranty components.

Installation step:



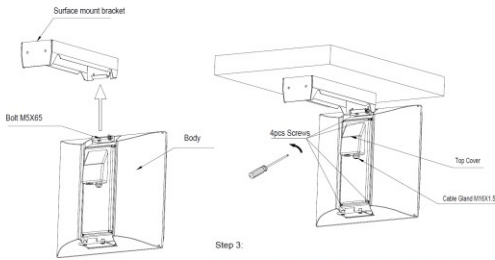
Step 1:
1 Remove the surface mount bracket from the luminaire by loosening the 2 screws on the surface mount bracket.

Step 1



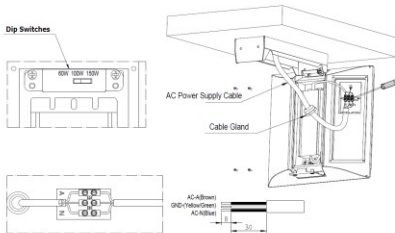
Step 2:
2.1 Determine the position where you want to install.
2.2 Drill 4 holes in the ceiling as per mounting hole spacing diagram.
2.3 Pull the AC power supply cable through the cable hole.
2.4 Fix the surface mounting bracket onto the ceiling through inserting 4-pcs of M6 expansion bolts into the mounting holes and screwing the hexagon nuts with a wrench.

Step 2



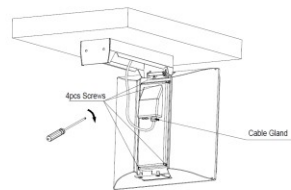
Step 3:
3.1 Hang the bolt MSX65 of luminaire body on the hook of surface mount bracket. Make sure the luminaire is firmly suspended.
3.2 Loosen the four screws of cover of control gear chamber with the tool, open the top cover for terminal block chamber without the use of tools and unscrew cable gland before starting electrical connections.

Step 3



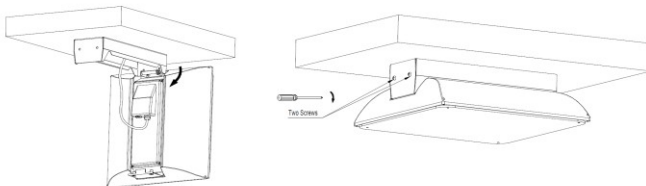
Step4:
4.1 AC power supply cable goes through the cable gland and cable entry hole, then connect to terminal block as shown in the wiring diagram.
4.2 Factory settings could be altered accordingly by adjusting the DIP switches on the body.

Step 4



Step5:
After electrical connections are made, put the cover of control gear chamber back, tighten four screws and cable gland.

Step 5



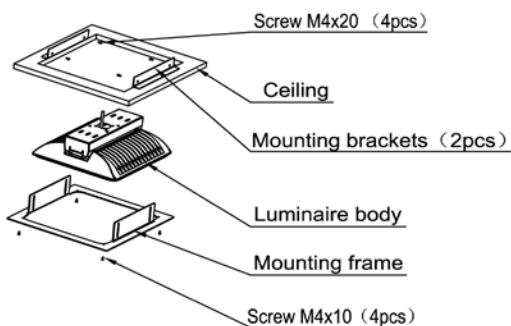
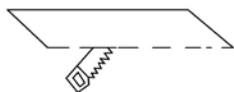
Step6:
Adjust the luminaire body until it parallel to the mounting bracket. Fix luminaire and mounting bracket together with 2 screws.

Step 6

C350 RECESS BRACKET INSTALLATION INSTRUCTION

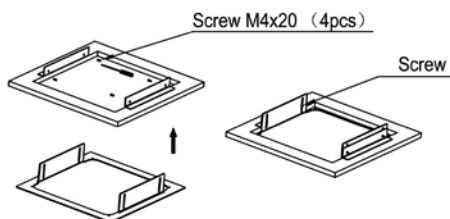
1.

Cut the opening in the ceiling.
Size: 365x365 (mm)



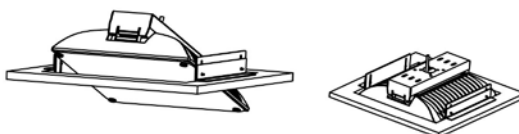
2.

Putting the mounting frame into the ceiling opening area and fixing 2pcs of mounting brackets and the mounting frame together with 4 pieces of M4x20 screws



3.

Connecting luminaire to the mains. Tilting the luminaire body into the opening then putting the luminaire body flat on the frame



4.

Using 4 screws M4x10 of the luminaire to fix the frame with the luminaire body from the front from the front.

