

INSTALLATION / WARRANTY INSTRUCTIONS

Issue Date: 24-09-2021

RHINO FLOODLIGHT



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; GLG 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. GLG 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	IK08
Nominal voltage	240V~
Nominal frequency	50/60Hz
Power factor	>0.9
Inrush current	Cold start 4.2A(twidth=848µs measured at 50% Ipeak) at 230VAC
Earth leakage	0.7mA
Rated operating ambient temperature	Refer to table in point 2
LED lifetime (L70/B10) rated	>50,000 hours
Colour rendering index (CRI)	80
LED control gear	Non dimming
Designed application	Exterior ONLY
Electrical connection	6.0mm ² terminal block
Cable entry	2x20mm threaded cable entry. Supplied with 1x20mm stainless steel cable gland
Installation orientation	surface mounted via trunnion arm

2. LUMINAIRE TABLE

Product Code#	Power (W)	Lumen Select	Lumen Output (lm)	Line Current (A)	CCT (K)	Ambient Temperature	Optics in degrees
RHNA380LS4	200W	Yes	28,200lm	0.88A	4000K	50°C	45°*125°
	250W		34,500lm	1.08A			
	320W		43,520lm	1.38A			
	380W		49,400lm	1.65A			
RHNA380LSA	200W		18,800lm	0.88A	1850K	40°C	80°*125°
	250W		22,750lm	1.08A			
	320W		27,520lm	1.38A			
	380W		30,780lm	1.65A			

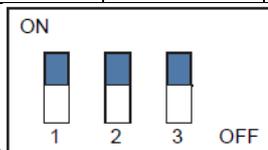
3. LUMEN SELECT (contractor selectable output)

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
- IES files available for all available for wattages shown in the below table
- No control system or software required to change fixed output

The lumen output can be altered by changing the driver dip switches from the factory default setting to the driver milli-amps as specified in the table. Dip switches are located next to suspension hook of the Highbay.

Part Number	Dip Switch Setting			Lumen Output (lm)
	1	2	3	
RHNA380LS4	Off	Off	Off	49,400lm
	On	Off	Off	43,520lm
	Off	On	Off	34,500lm
	Off	Off	On	28,200lm
RHNA380LSA	Off	Off	Off	30,780lm
	On	Off	Off	27,520lm
	Off	On	Off	22,750lm
	Off	Off	On	18,800lm



Lumen Select switch

Note: Make sure to disconnect power before changing a DIP switch on the luminaires. Setting the DIP switches according to the above ONLY. All other settings may affect the luminaires' performance. After setting, secure the silicon cover over the DIP switches.

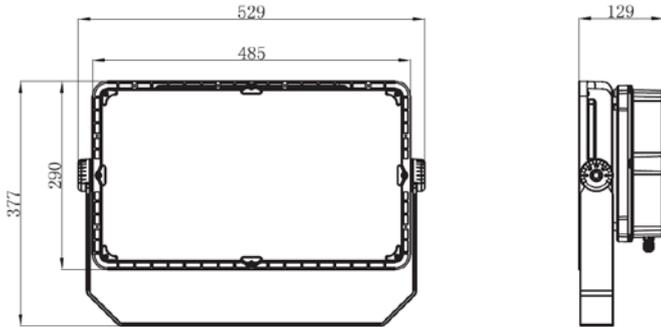
- 4. APPROVALS:** The RCM marking of this product applies to AS/NZS CISPR15 (EMC) "Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment". This product is designed to conform to AS/NZS60598 "Luminaires, general requirements and tests".

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

- 6. 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.

9. LINE DIAGRAMS AND DIMENSIONS

Fitting Size	Length (mm)	Width (mm)	Height (mm)	Weight
Without Glare Shield	529	129	377	9.5kg
With Glare Shield	529	229	377	11kg



Maximum projected area: 0.14m²

11. 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.

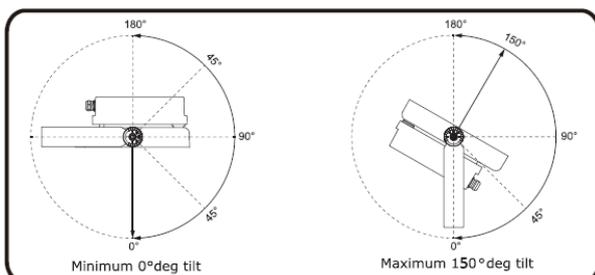
Installation:

- Isolate the supply circuit as per the Australian standard and your SWMS.
- Trunnion arm on substrate.
- Remove control gear cover
- Install cable through cable gland then connect to supply terminal block
- Connect electrical cables as specified by all Australian and New Zealand standards, must be installed by a licensed electrician. Ensure the earth is connected.

luminaire electrical connections

- Connect earth into E or terminal
 - Connect Neutral into N terminal
 - Connect active into A terminal
- Select the wattage/lumen output by changing the dip switches on the LED driver, please refer to section 3 of this installation sheet.
 - Reinstall the control gear cover making sure all screws are installed this will ensure the IP65 rating is provided.
 - Aim floodlight to the desired orientation

Installation Orientation



- Ensure the IP rating of the installation is equal to that of the tested IP rating of the fitting.

Note: the IP rating of the fitting is IP65.

j) Test fitting as per the relevant Australian standard and as per your SWMS.

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. GLG 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), GLG recommends the application of the lamp manufacturer's operating guidelines, which can be found on manufacturer's website. GLG 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 – GLG Pty Ltd, 96 Gow Street Padstow NSW 2211, phone T 1300 799 300 contact – GLG 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, GLG will review the claim and if found to be accepted, GLG 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 GLG 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 GLG 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 GLG Terms and Conditions of Sale in so far as they apply to the Warranty components.