

INSTALLATION / WARRANTY INSTRUCTIONS

Issue Date: 26/08/2021

PRODUCT: BRITELINE LED

PRODUCT CODE/S: B2H757A1E18, B2H757A2E18, B2H757A3E18, B2H757A4E18 (To be used with 02-07-67718 Driver Only)

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; SYLVANIA SCHRÖDER 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.



1. PRODUCT SPECIFICATION:

Type of Protection	Class I
IP Rating/s	IP66
Nominal Voltage / Frequency	220-400V AC 50/60Hz
Power Factor	0.98
Circuit Wattage	1200W
Current	1.8A DC per channel
Inrush Current	240Vac 24A, 400Vac 14A
Leakage Current	Refer to relevant driver detail
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.	
Dimming Protocol	DALI 2
Ambient Temperature (Minimum/Maximum)	-20°C / 40°C
Suitable for direct mounting on flammable surfaces (indoor product only)	NO
Distance from lit object	5.0m
Installation type	Fixed installation only
Designed application	Outdoor Use
Rated average design life	102,000hrs (to L90, 50% survival state) Ta 25°C

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 authorised 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. Where the product includes solid state or electronic components (such as LED lighting), the **INSULATION RESISTANCE TEST SHOULD BE CARRIED OUT IN ACCORDANCE WITH AS/NZS3000 & TEST VOLTAGE TO BE REDUCED TO 250V DC IN WHICH CASE THE INSULATION RESISTANCE SHOULD NOT BE LESS THAN 1MΩ. Exceeding 250V DC may damage the product and void warranty.**

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 highbay products must be vertically suspended. The method of suspension (chain etc) must be able to support at least 5 times the total weight of the fitting. Do not install where air movement will cause the fitting to swing about, causing wear and tear of attachment points. Luminaires should be installed where access for maintenance is practical and allows for maintenance to be completed in accordance with the manufacturer's recommendations.

(d) Electrostatic Discharge (ESD) is harmful to product that includes solid state or electronic components (such as LED lighting). ESD precautions must be considered before handling or wiring the products. Where anti-ESD kits and tools are unavailable, touch an unpainted metal surface of the grounded pole/cabinet/chassis before handling the product. Failure to perform anti-ESD practices could cause damage to the LED lighting, warranty may be void if product is damaged by ESD.

Hot connecting the LED luminaire to an energized control gear is NOT ALLOWED under any condition. Product failure caused by hot connecting may void the warranty. Mains switch must be at OFF state while connecting the wires to luminaire head and control gear or disconnecting the wires from luminaire and control gear.

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. Sylvania Schröder 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), Sylvania Schröder recommends the application of the lamp manufacturer's operating guidelines, which can be found on manufacturer's website. Sylvania Schröder 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. **(d) for products supplied NEMA bases** do not install &/or operate without PE cell or Smart Node or Shorting cap installed.

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

Warranty components – THE PRODUCT, (identified as the BRITELINE LED only). **Warranty period** - The above components are provided with a warranty of FIVE (5) year/s or 20,000 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 – Schröder Australia Pty Ltd, Bldg 4A, Parklands Estate, 21-23 South Street NSW 2116, phone T 1300 489 780 contact – Sylvania Schröder After Sales Support.

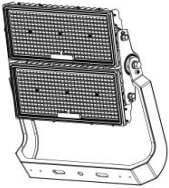
Warranty claim procedure – For the purpose of making a claim the customer must:

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, Sylvania Schröder will review the claim and if found to be accepted, Sylvania Schröder 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 Sylvania Schröder 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 Sylvania Schröder 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 Sylvania Schröder Terms and Conditions of Sale in so far as they apply to the Warranty components.

User Manual of LED Flood Light

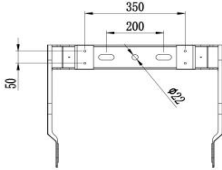
Installation instruction:

1.



2 Module

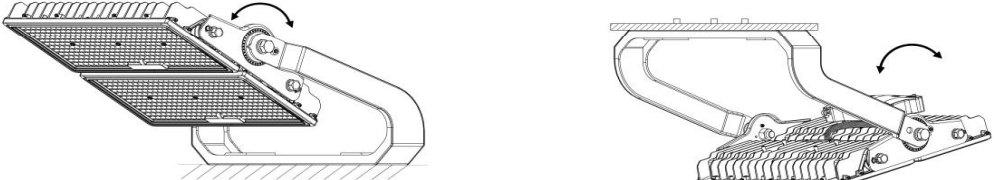
2.



Hole dimension for mounting

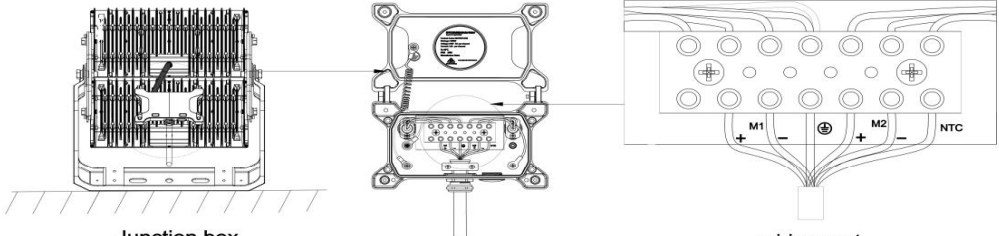
2 Module bracket

3.



Loosen M20 hexagon head screw with wrench, adjust luminaire to designed angle (0-360°), tighten screws and fix the luminaire (M20 screw Torque Values 220 N.m, M10 screw Torque Values 40 N.m).

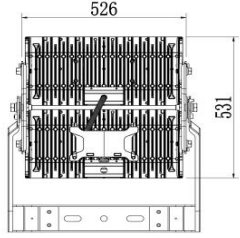
4.



Junction box

wiring part

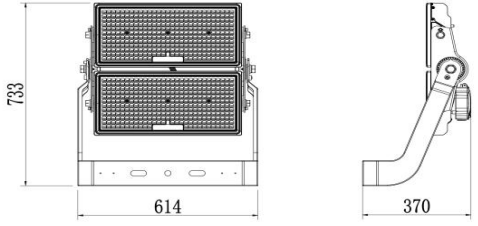
5.



526

531

6.



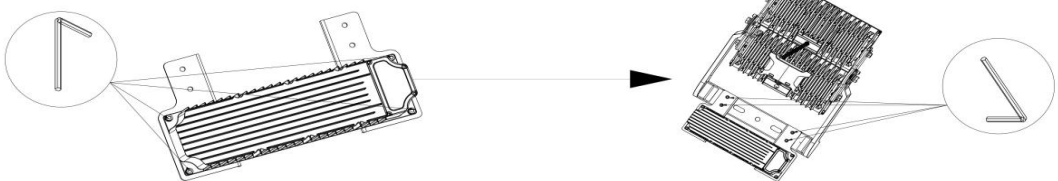
733

614

370

1200W dimensions

7.



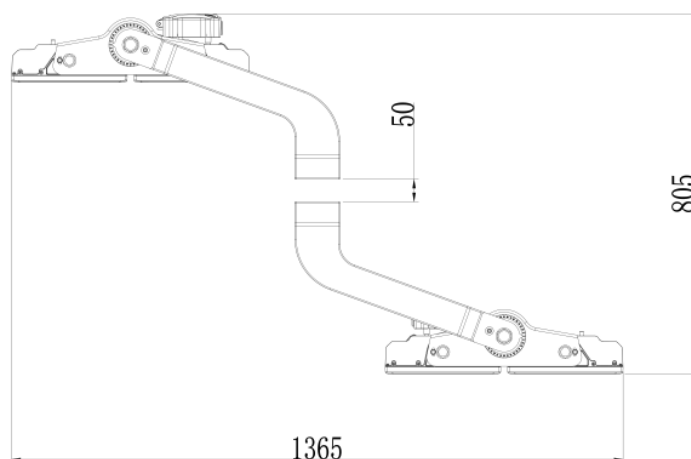
Please fix the power supply on the power supply bracket with 4 M8 screws. Pay attention to the left and right sides of the power supply bracket (M8 screw Torque Values 20 N.m)

Please fix the power supply bracket on the 2 module bracket with 4 M8 screws (M8 screw Torque Values 20 N.m)

1200W net weight without power supply and power supply bracket	29.5 kilogram
1200W net weight with power supply and power supply bracket	38 kilogram

Aiming of Schreder BRITELINE LED floodlights

1. Fit Schreder Briteline LED to cross arm noting that OVERSLUNG units are on top and UNDERSLUNG units are underneath the cross arm. Under-slung floodlights are offset automatically from over-slung floodlights when mounted on single cross-arm. Cable glands should be on back edge of connection box in both cases.

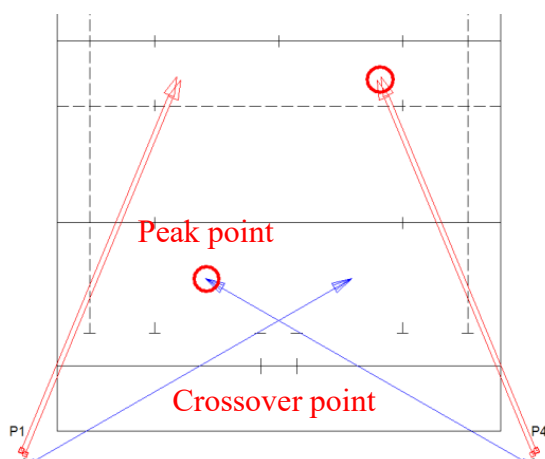


2. Tilt angles can be pre-set using the scale on the side, before cross arm lifting, (see notes 7 & 8 below for details). This angle relates to front tilt, which is 52 degrees different from beam peak angle for asymmetric fittings, i.e. **70 degree peak beam angle from design is 18 degree front panel tilt. (This note applies to asymmetric fittings only)**

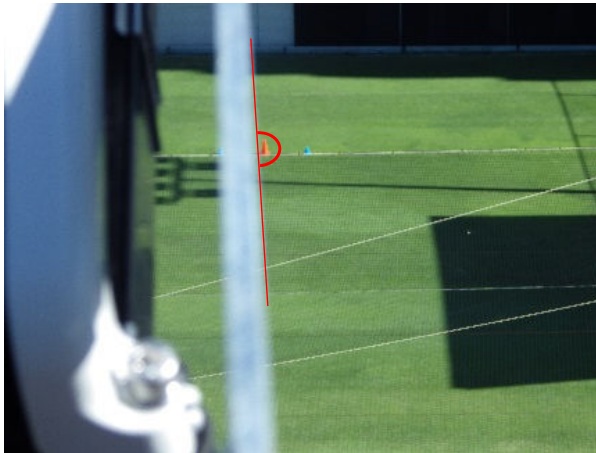
Note regarding the built-in protractor:

This actually indicates the angle of the glass with respect to the trunnion bracket, and not necessarily the true horizontal. Its reading relies on the levelness of its mounting surface being truly horizontal for the actual tilt of the floodlight to be correctly indicated. It is for this reason that it is not recommended that the built-in protractor is used for accurate aiming. It is for approximate aiming only.

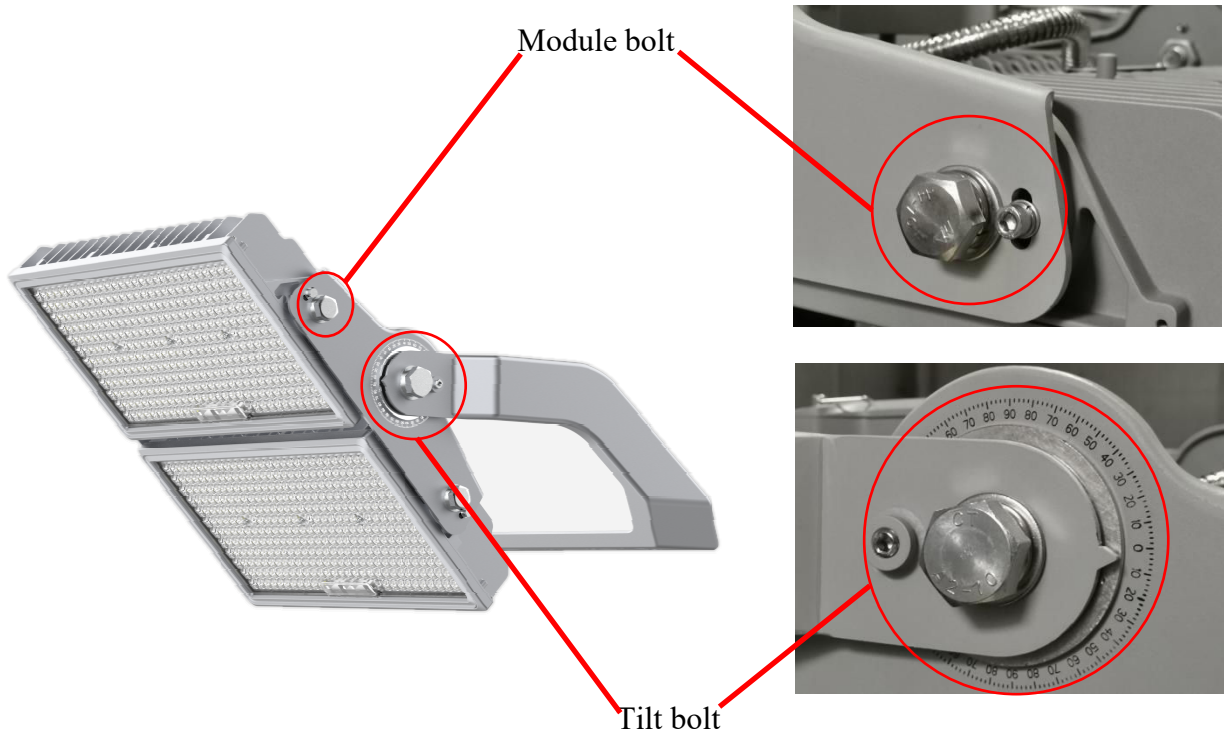
3. Place markers such as safety cones, (visible from floodlight), at aiming points according to lighting design aiming diagram and schedule. These points will either be the peak point or, to minimise the number of targets, acrossover point may be used for multiple fittings, or crossing a reference line.



4. Rotate floodlight up to enable lining up of the side of the trunion arm with the marker. If lining up from the rear is not possible, an observer at the aiming point looking back at the floodlight, (preferably using binoculars), can provide guidance to aiming personnel.



5. Once floodlight is rotated left/right to line up as above, mark a line on the cross arm along the back and/or front of the trunion, to realign if moved while tightening.
6. Tighten the mounting bolt so that floodlight will no longer rotate.
7. Check each module is set to zero with adjustment M16 bolt, (25mm spanner), tightened to 150Nm. Tighten M10 locking grub screw, (5mm allen key), to 40 Nm.
8. While supporting the front of the floodlight, check M10 locking grub screw, (5mm allen key), is backed off, loosen off the tilt M25 bolts, (30mm spanner), allowing the floodlight to tilt.

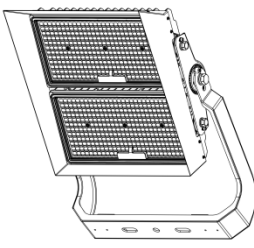
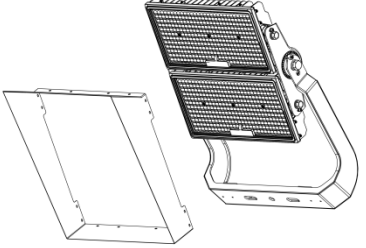
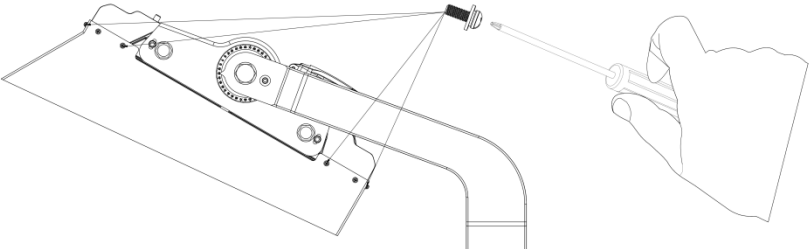


9. Using a tilt angle device or a smart phone app such as Level, check the elevation using the front edge of the floodlight. **Note 70 degree peak beam angle from design is 18 degree front panel tilt.**
(This note applies to asymmetric fittings only)



10. Tighten M20 side bolts to 220 Nm so floodlight will no longer move, and confirm installed tilt.
Tighten M10 locking grub screw to 40Nm.

User Manual of LED Flood Light With hood

1. 
2 Module with hood.
2. 
Remove the hood from the box and align the hood lamp mounting holes
3. 
Fix the hood with 16 M4 screws with a screwdriver (M4 screw Torque Values 2.5 N.m).