

## INSTALLATION / WARRANTY INSTRUCTIONS

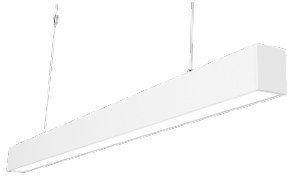
PRODUCT BRAND: PIERLITE

PRODUCT NAME: KRISS Linear Modular System

PRODUCT CODE: see table on the following pages for list of product codes

Issue Date: 23.01.2024

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 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:

Type of protection	Class I
Ingress protection	IP20
IK rating	IK02
IC Rating	Not applicable
Nominal voltage	220-240Vac
Nominal frequency	50/60Hz
Power factor	See below table
Operating ambient temperature	0°C to 40°C
LED lifetime	L70 72,000 hours (TM21)
Colour temperature	4000K
Colour rendering index (CRI)	90+
Cord Type	VDE_H03VV-F_3x0.75
Warranty	5 years

### LINEAR LIGHT MODULES AND LIGHT CONNECTOR:

Product Code	Description	System Power (W)	Line Current (A)	Power factor	Lumen Output (Lm)	In Rush Current (A/usec)	Max. recommended number of linear connections
KRS06D4WDD	KRISS LINEAR SUSPENDED 600X49X58 Diffused 4000K CRI90 White 16W DALI	16	0.095	≥0.8	1600	14/282	28
KRS12D4WDD	KRISS LINEAR SUSPENDED 1200X49X58 Diffused 4000K CRI90 White 30W DALI	30	0.130	≥0.9	3000	16.5/180	15
KRS15D4WDD	KRISS LINEAR SUSPENDED 1500X49X58 Diffused 4000K CRI90 White 36W DALI	36	0.160	≥0.9	3800	24/220	12
KRSM-LD4WDD	KRISS LINEAR CONINECTOR MODULE LIT SECTION 4000K CRI90 14W DALI WHITE - L SHAPE	14	0.073	≥0.8	1400	14/282	/
KRSM-TD4WDD	KRISS LINEAR CONINECTOR MODULE LIT SECTION 4000K CRI90 22W DALI WHITE - T SHAPE	22	0.102	≥0.9	2200	14/282	/

### NON-LIT CONNECTOR MODULES:

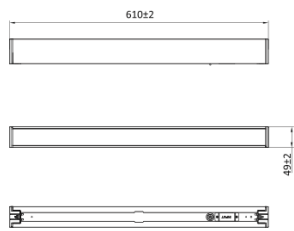
Product Code	Description
KRSM-TDW	KRISS LINEAR CONNECTOR MODULE NON LIT SECTION WHITE - T SHAPE
KRSM-XDW	KRISS LINEAR CONNECTOR MODULE NON LIT SECTION WHITE - X SHAPE
KRSM-LDW	KRISS LINEAR CONNECTOR MODULE NON LIT SECTION WHITE - L SHAPE
KRSM-7DW	KRISS LINEAR CONNECTOR MODULE NON LIT SECTION WHITE - 7 SHAPE

### ACCESSORIES (Sold separately):

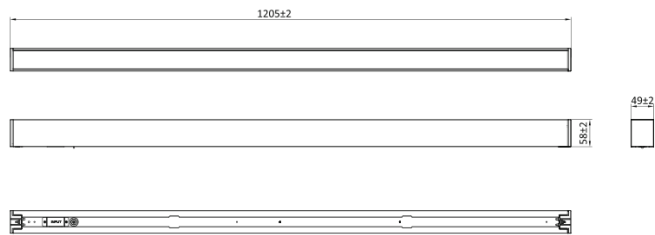
Product Code	Description
KRSM-CP	KRISS LINEAR CONDUCTIVE CONNECTION PLUG
KRSM-3PFP	KRISS LINEAR POWER LEAD - 3 CORE 1.75 meter
KRSM-2PFPDI	KRISS LINEAR DALI LEAD - 2 CORE 1.75 meter
KRSM-SUSP	KRISS LINEAR SUSPENSION KIT C/W WIRES, BRACKETS, SCREWS
KRSM-NCP	KRISS LINEAR NON-CONDUCTIVE PLUG (USE FOR TERMINATING THE CIRCUIT)
KRSM-LP	KRISS LINEAR LINK PIN

**LINE DRAWINGS AND DIMENSIONS:**

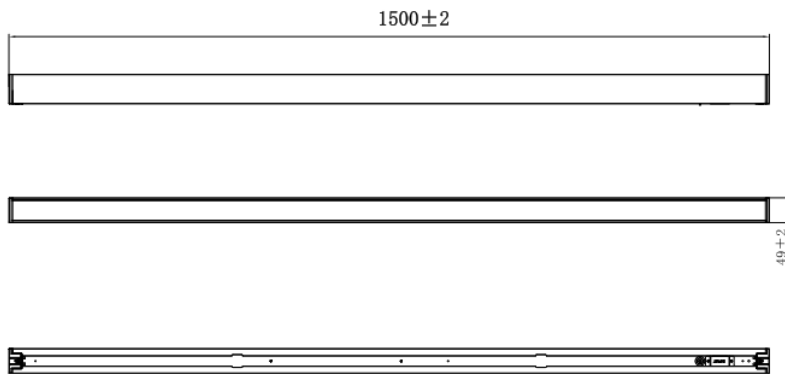
**KRS06D4WDD**



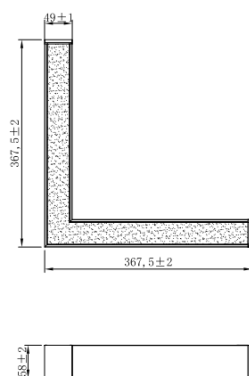
**KRS12D4WDD**



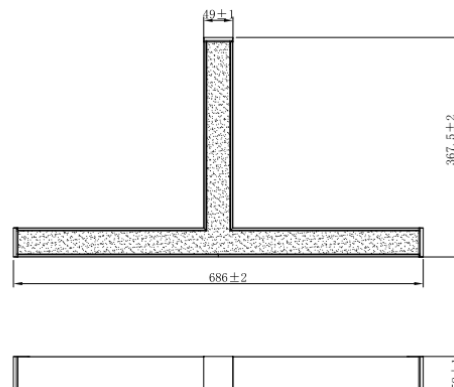
**KRS15D4WDD**



**KRSM-LD4WDD**



**KRSM-TD4WDD**



**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.

**WARNING:**

- Must be installed only by a licensed professional electrician.
- The light source contained in this luminaire shall only be replaced by the manufacturer, his service agent, or a similar qualified person.

1. Turn OFF power at main fuse or breaker box.

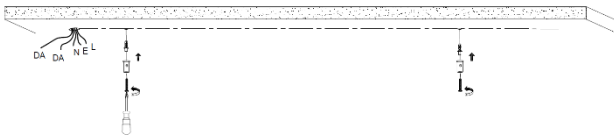


2. Mark two (2) hole mounting positions on the ceiling. Drill a hole in the ceiling for each of the two mounting holes.

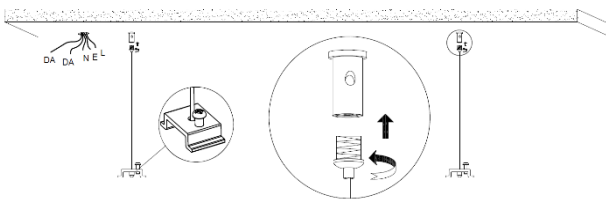


Item Code	L1
KRS06D4WDD	300mm
KRS12D4WDD	900mm
KRS15D4WDD	1200mm

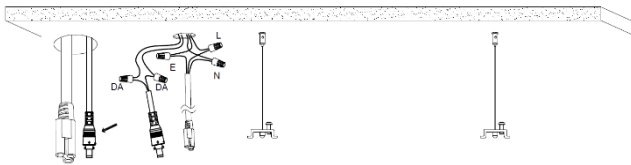
3. Secure the suspended accessories holder to the ceiling with the mounting screw.



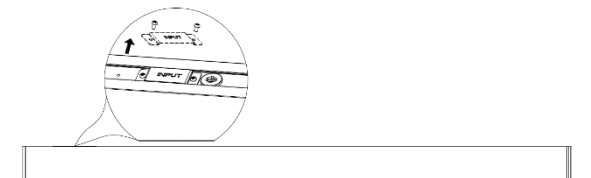
4. Screw the cable locker with lanyard into the holder.



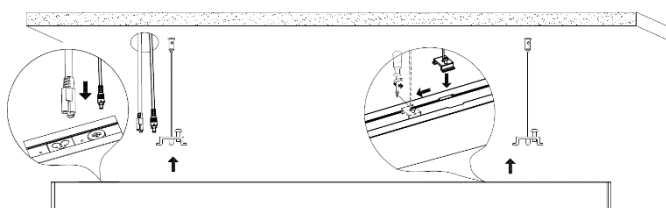
5. Connect mains power – (L) live, (N) neutral, (E) earth and DALI (DA/DA) control lines.



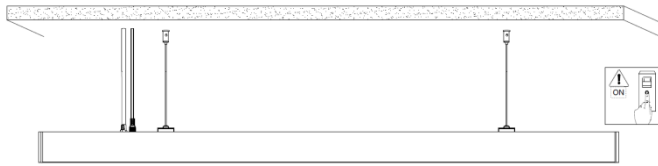
6. Locate fixture "Input" cover and remove it using Phillips head screw driver.



7. Slide the suspension brackets into the groove to the appropriate position and then tighten the screw provided.



- Turn ON power and energize the lighting fixture.



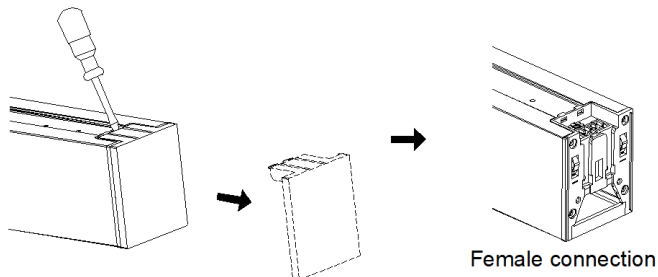
**LINKING FEATURE:**



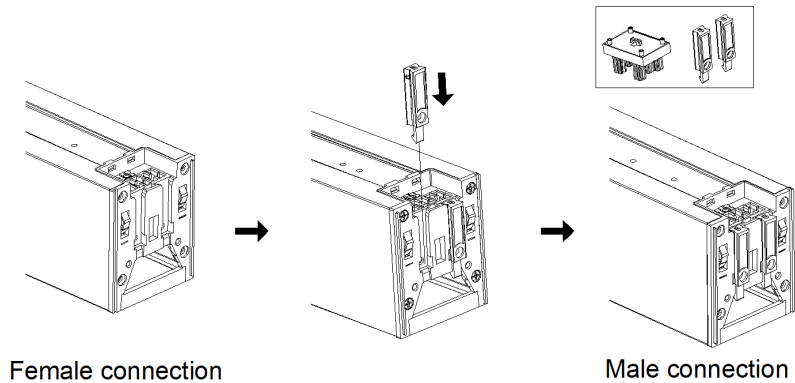
**WARNING:** Risk OF ELECTRIC SHOCK. Disconnect power to the light fixture before linking additional light fixtures.  
**WARNING:** Provide power to the fixtures only after all linking connections have been made.

Multiple KRISS lighting fixtures can be connected, with only the first section needing to be wired and power up the entire system.

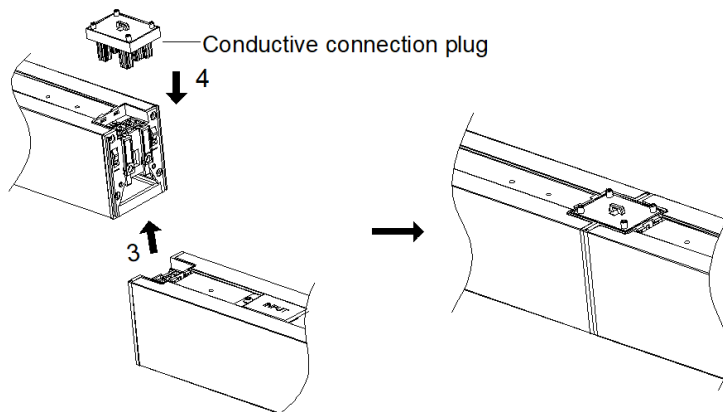
- Remove the side cover from one end of each body that will be linked.



- Insert the two (2) link pins into the slots in one of the sides of the fixture until it fully "locks-in" place. This will make one of the ends as "male" type. Link pins are supplied with the conductive connection plug (KRSM-CP).

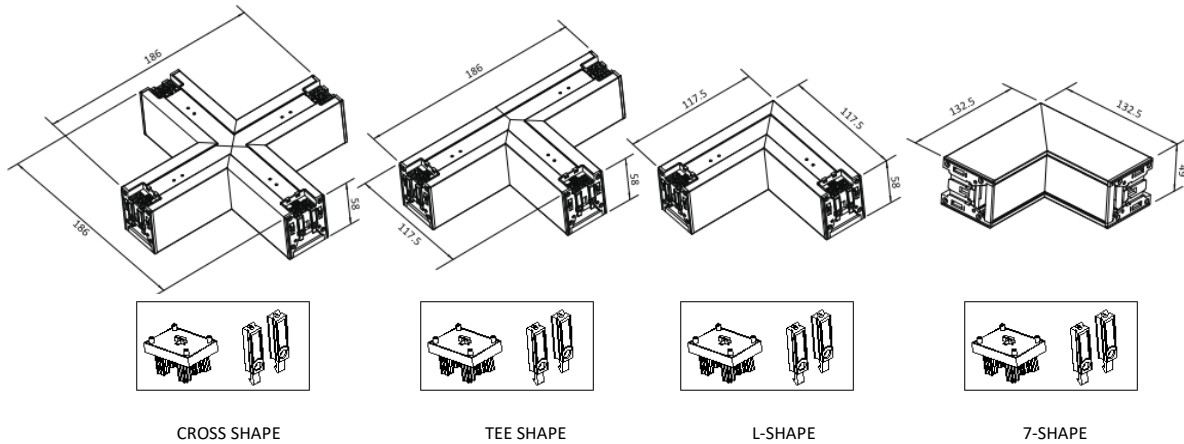


- Slide in the second fixture (female type) into the "male" type fixture tightly.
- Insert the conductive connection plug between the two light fixtures that will be linked.

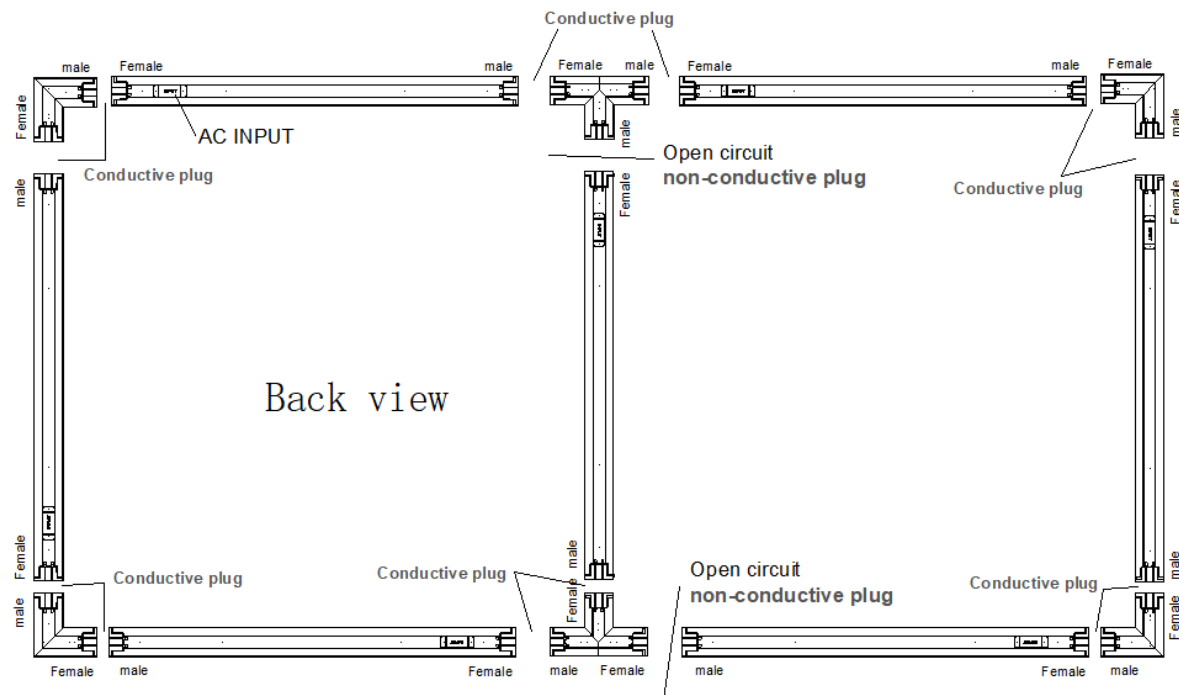


**NON-LIGHT CONNECTOR MODULES AND NON-CONDUCTIVE PLUG:**

These modules below can be used to form up more complex systems. For more information, please visit our website or contact the sales team. ALWAYS USE THE NON-CONDUCTIVE PLUG, WHICH IS SUPPLIED TOGETHER WITH THESE MODULES, TO CLOSE THE LOOP.



An example can be explained as per below. **ENSURE NOT TO SHORT THE CIRCUIT WHEN CLOSING THE LOOP.**



**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.

**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.

**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.

**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

**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:

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.