



x-Glo SERIES

» x-Glo-XX-XXX

USER MANUAL

for High Voltage Products

PLEASE READ THESE INSTRUCTIONS CAREFULLY
BEFORE INSTALLATION. LEAVE A COPY FOR THE
END USER/MAINTENANCE ENGINEER FOR FUTURE
REFERENCE



» GUARANTEE

1. We provide lifelong technical assistance with this product:
 - A 1 year warranty is given from the date of original purchase.
 - The warranty is for free repair or replacement and covers manufacturing faults only. For faults beyond the 1 year warranty
 - We reserve the right to charge for time and parts.
 - Advances technology for the light will be selected firstly.
2. Warranty exclusions below:
 - Any man-made damages caused from improper operation, assembly, wiring, connection, installation, transport and storage.
 - Improper input voltage, current, operating and working environment.
 - The product appears to have excessive physical damage.
 - Damage due to natural disasters and force majeure.
 - Product label or data code have been damaged.
3. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. We shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
4. Any amendment or adjustment to this warranty must be approved in writing by us only.
5. This manual only applies to this model. We reserve the right to modify the manual and keep the right to make final explanation of this manual.

» WARNING AND CAUTION

WARNING

1. Before making any operation, be sure the mains is disconnected.
2. Please confirm the polarity mark from connector and light, make sure they are consistent when inserting connector pins into the light.
3. Min.bending diameter 50mm, see Fig. 1.
4. Do not twist the light as Fig. 2 and correct bending way shown as Fig. 3.
5. Do not hang this light in as Fig. 5 shown.
6. Risk of electric shock, if cut and(or) splice the light without authorization.
7. Type Y attachments: If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
8. A qualified operator is needed for installation and disassembly.

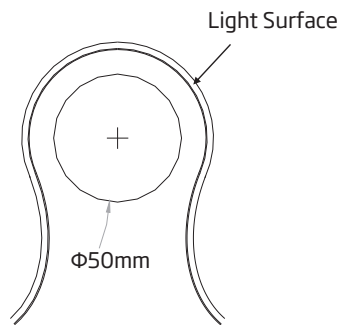
CAUTION

1. Uncoil the light before connecting to the power supply.
2. Do not overload. Make sure the total length or current of light not be over the Max. values shown in the "FEATURES".
3. Please pay attention to the Max. current on the box of power supply cord shown as Fig. 8.
4. Please pay attention to the Max. current and(or) length on the flag label of power supply cord and pay attention to the length on the flag label of segment.

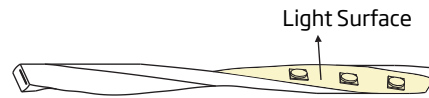
» INSTALLATION

1. Turn off the power before operation.
2. Install the suspended kit shown as Fig. 6.
3. Install the light into the aluminum channel shown as Fig. 7.
4. Interconnect the lights (if needed), see Fig. 4.
5. When using for outdoor location, additional operation is needed to make sure the connector could not be pulled out for end product, shown as Fig. 7.
6. Connect to AC power supply.
7. Installation is complete.

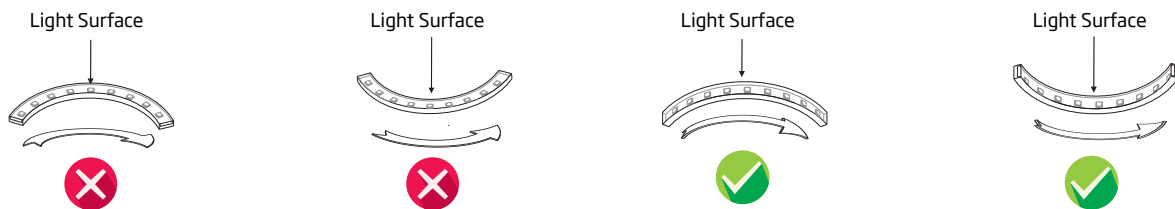
» Fig.1 Minimum bent diameter 50mm



» Fig.2 Twisting is forbidden.

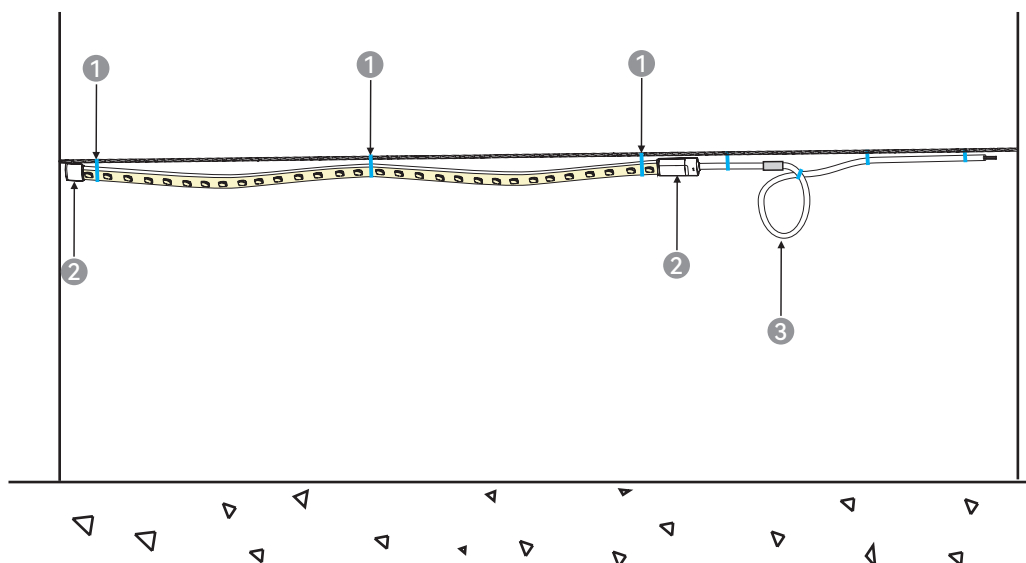


» Fig.3 Bend the light in the right direction.

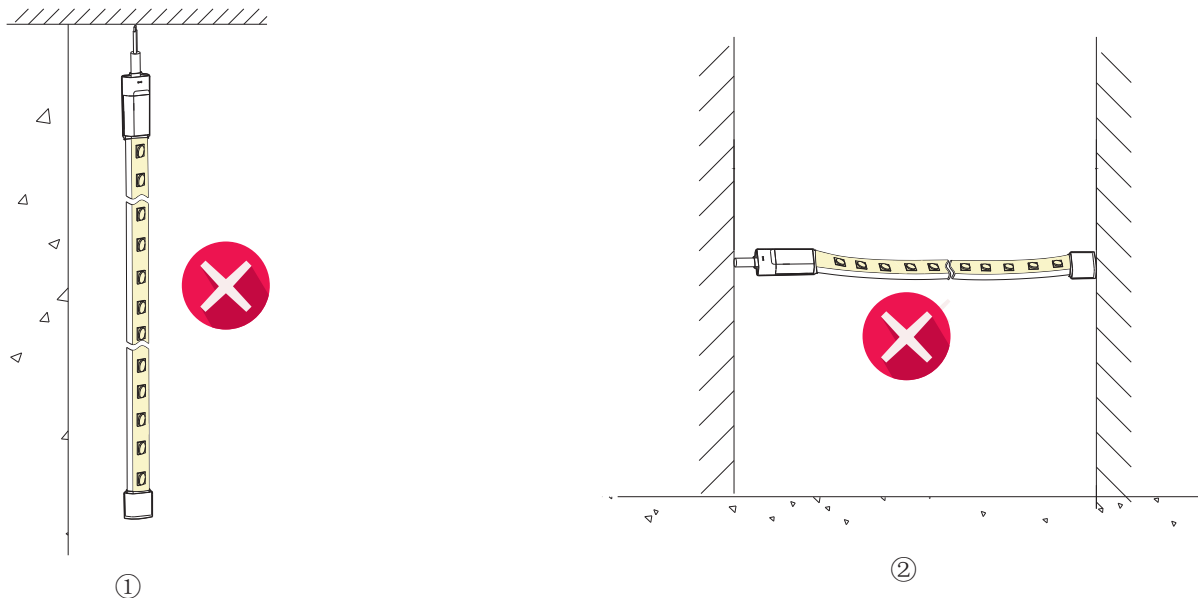


» Fig.4 How to Install Lights Safely and Correctly

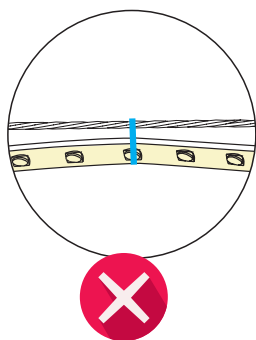
- ① Secure the light between two light sources to prevent damage.
- ② Install the connector or end cap level with or above the light strip to prevent water buildup and potential failure.
- ③ Create a drip loop with the front-end cable to prevent water from collecting at the connector and causing failure.



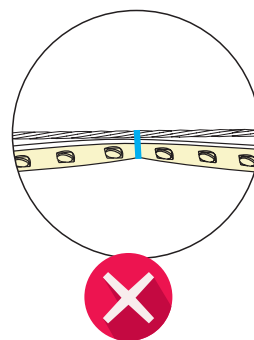
» Fig.5



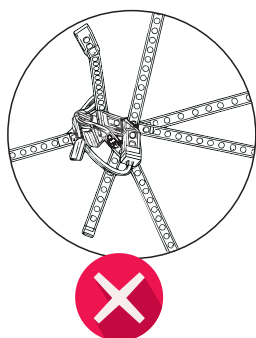
DO NOT leave the light hanging without support. Secure it properly to prevent damage.



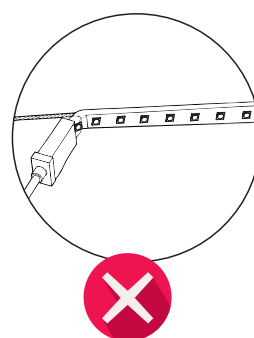
DO NOT attach the cable tie directly to the light source.



DO NOT fasten or squeeze the light body too tightly as it may damage the housing or internal parts.



DO NOT overlap light strips as this can cause overheating, yellowing, or shorten lifespan.

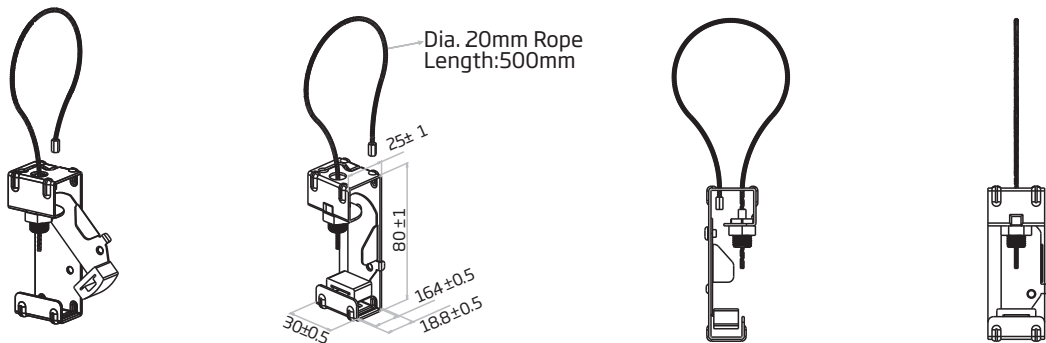


NEVER bend the light strip at a right angle as it can damage the PCB or cause failure.

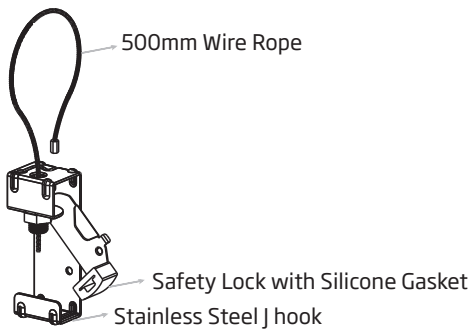
» Fig.6 Suspended Mounting



6.1 Dimension: mm



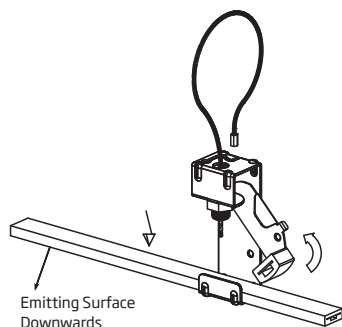
6.2 Main Components



6.3 Installation Instructions

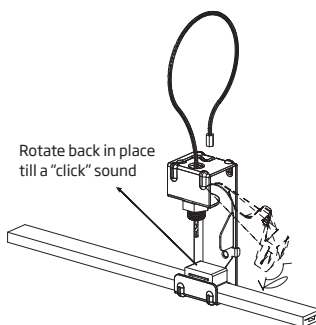
Friendly Reminder: please read instructions carefully before operation.

➤ Step 1



Rotate the safety lock outwards and put the LED strip in the J hook.

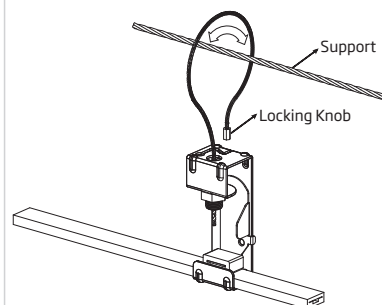
➤ Step 2



Rotate back in place till a "click" sound

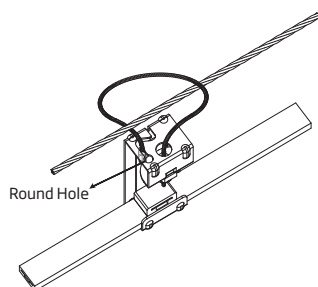
Rotate the safety lock back to press the led strip tightly.

➤ Step 3



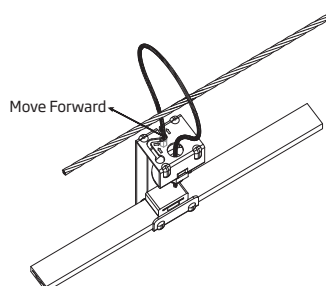
Wind the wire rope with the locking knob around the support.

➤ Step 4



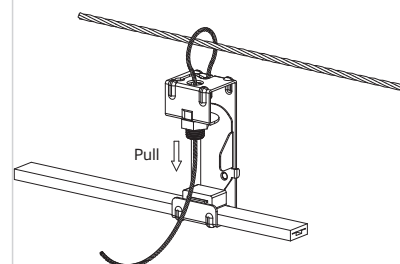
Thread the locking knob of wire rope through the round hole.

➤ Step 5



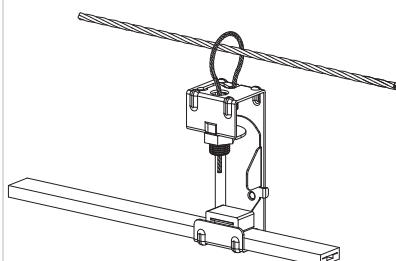
Move the wire rope forward to the end along with the arrows aside.

➤ Step 6



Pull the wire rope to adjust the height to the desired one.

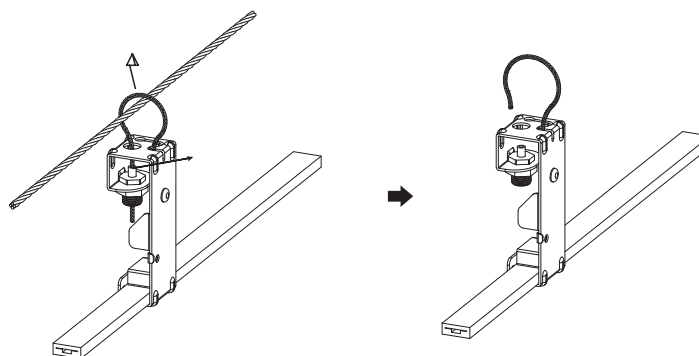
➤ Step 7



Cut or roll the excess wire rope.

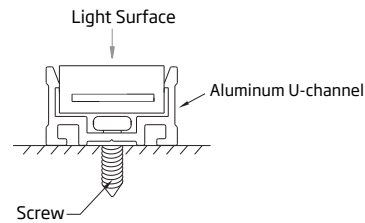
NOTE: The recommended quantity is 3pcs for every meter or adjustable based on the specific case.

➤ Tip



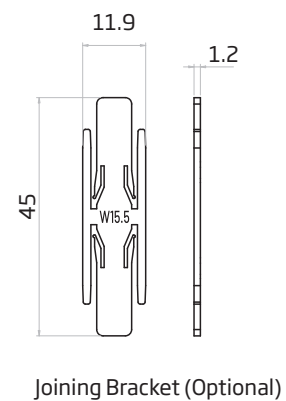
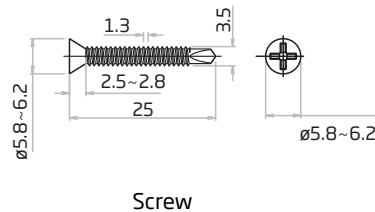
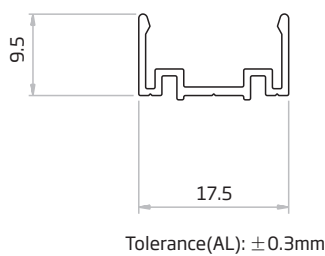
Push in the plunger of cable gripper to pull out the wire rope if needed.

» Fig.7 Surface Mounting

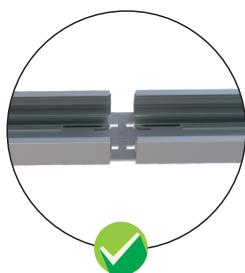


Install the light into the aluminum U-channel

7.1 Dimension: mm



7.2 Splicing



Locks the profiles together to avoid misalignment.



Please reserve at least 5mm for profile jointing to enable enough space for contraction and expansion.



Angular
Misalignment



Parallel Vertical
Misalignment

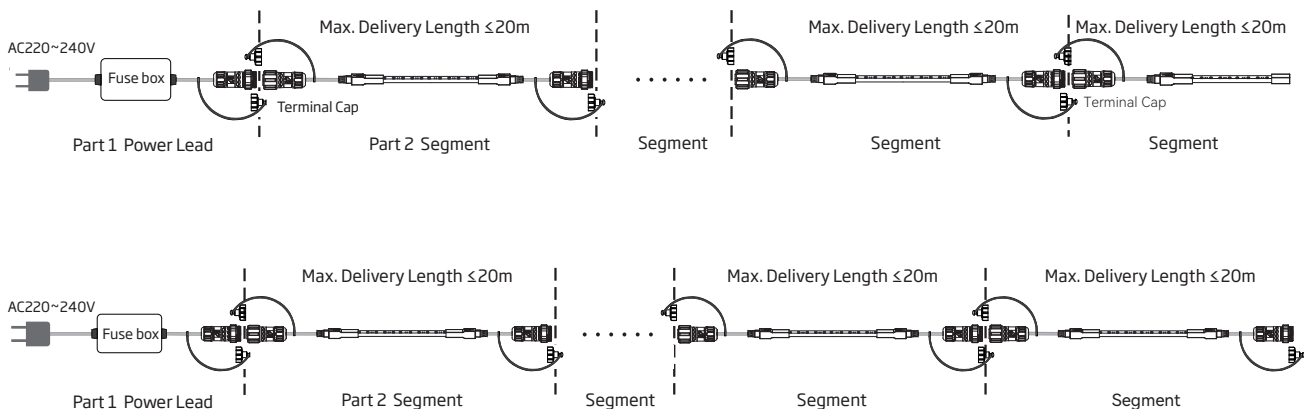
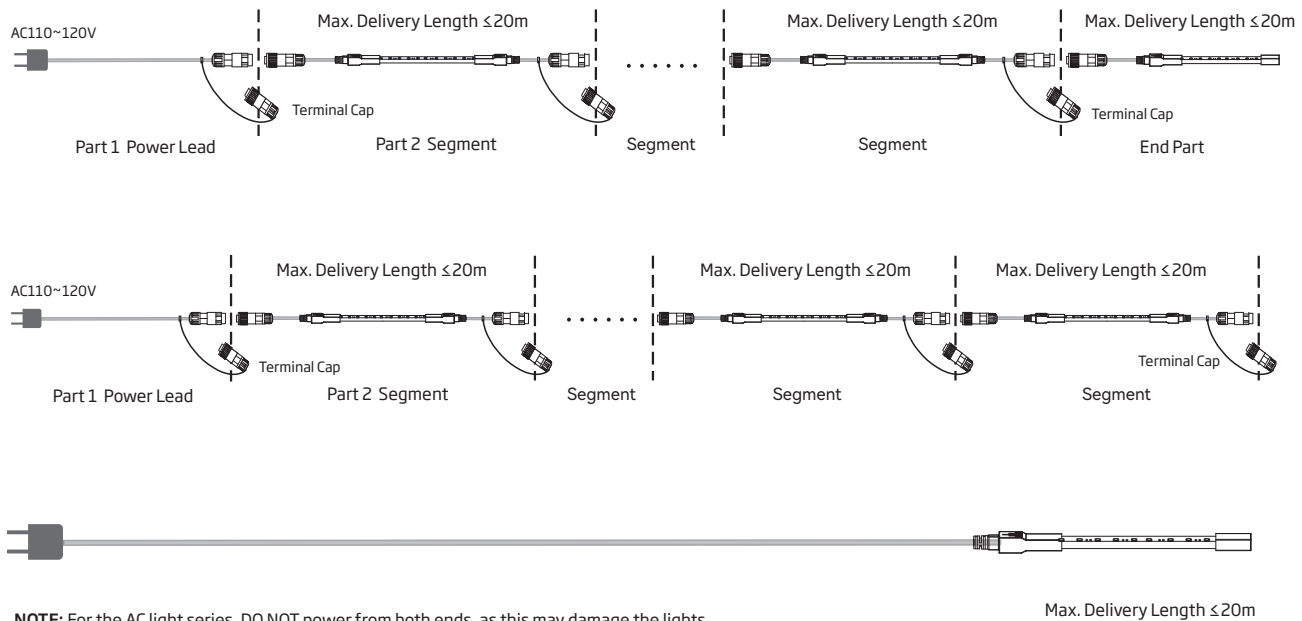


Parallel Horizontal
Misalignment

» Fig.8 Wiring Diagram



UL Certified (Standard UL 2388)



NOTE:

- Do not light the strip when installing it or when it is rolled up.
- One cable tie per meter. Do not twist the strip or put the cable tie too tight.
- 220V products run up to 80m as a set of package while, 110V products to 40m as one set.
- For the AC light series, DO NOT power from both ends, as this may damage the lights.

Global (LED) Lighting Solutions Ltd warrants to the original purchaser, x-Glo LED light strip finished products to be free of manufacturing defects in material and workmanship and shall operate in accordance with the standard product specifications, furthermore the:

- Warranty for x-Glo low voltage LED light strip products shall expire sixty (60) months from the date of manufacture as printed on the back of the LED light strip (Refer week/year).
- Warranty for x-Glo Low voltage LED light strip products cover usage time of 24 hours per day 7 days per week.
- Warranty for x-Glo high voltage LED light strip products shall expire Twenty-four (24) months from the date of manufacture as printed on the back of the LED light strip (Refer week/year).

The above warranties and remedies are conditioned upon:

- a) The product is properly handled, installed and maintained according to official latest instructions or manual of x-Glo and applicable regulation standards.
- b) The buyer provides proof purchase with a copy of the original purchase order and invoice.
- c) The buyer can demonstrate the proper storage, installation, use, operation and maintenance of the x-Glo LED light strip in accordance with the product specifications.
- d) Modification or repair of the product can only be authorized by the seller in writing.
- e) The correct external power supplies are used in accordance with voltage and wattage specifications for the x-Glo LED light strip.
- f) The external power supply used must have corresponding international certification.

Failure to meet any such conditions renders the warranty null and void.

This is not a service contract, and the warranty does not include maintenance, cleaning or periodic checkups.

Parts not covered by the warranty include, fuses, external power supplies, third party items not manufactured by x-Glo.

If the x-Glo LED covered by this warranty fails to operate as specified, the buyer shall promptly notify the seller in writing prior to the expiration date of the warranty period. x-Glo reserves the right to re-call a sample of the product to be sent to the seller for further investigation of the fault / damage. A full investigation will be done by the manufacturer which includes the return of the 8D Corrective Action Report which covers all aspects of the failure and damage. The seller shall then at their own discretion, repair or replace the product or the defective part. This does not include the removal or the reinstallation costs or expenses, including, without limitation, any labor costs or expense relating to the shipping costs or any damages that may occur returning the product or the supply of the new product.

If x-Glo chooses to replace the product and is not able to do so because it has been discontinued or is not available, x-Glo may replace it with a comparable product. X-Glo reserves the right to use new, reconditioned, refurbished, repaired, or remanufactured products or parts in the repair or replacement of any product covered by this limited warranty. Please note that lighting properties of replacement products may differ from the original product due to technical advancements and usage-related changes in the light flux and light colour.

The warranty period is neither extended nor renewed if the product is repaired.

x-Glo reserves the right to make changes in design and/or improvements upon its products and accessories without any obligation to include these changes in any products theretofore manufactured.

Exclusion of Warranty:

- a. Warranty period has expired.
- b. Legal proof-of-purchase invoice or PO numbers are not provided, or are reasonably believed to have been forged or tampered with.
- c. Damage caused by improper installation, wiring, storage, transportation, incorrect use, bending or operation not in accordance with the official latest instructions or manual.
- d. Damage caused by unauthorized modification, dissection, soldering, or any deliberate damage or losses.
- e. Damaged caused by the carrier in-transit, which will be handled under separate terms (Purchaser's designated consignee is responsible for all eight claims; x-Glo will be available to assist in such matters if proving forward service).
- f. Accessories or attachments to the product that are not supplied or approved by x-Glo and led to the damage.
- g. The product is not used for the purpose for which designed or if any repairs, alterations or maintenances are made by any person not authorized by x-Glo
- h. Product silk printed serial numbers, crimped waterproof ring show signs of tampering or removal.
- i. Conditions demonstrating misapplication, under/over voltage situations, extreme environmental conditions beyond those defined in the product specification.
- j. Abrasions and natural appearance variations (i.e. dusty, fouling, etc.) that do not affect the function of the product.
- k. Direct or indirect losses caused by force majeure (i.e. vandalism, natural disaster, warfare, acts of terrorism, riots, fire, explosion, etc.).

Freight

Transportation cost for return product will be carriage paid (at the cost of the claimant). If the product was found to be defective after inspection, x-Glo will reimburse the freight cost by deducting it from future order and bear the cost of replacement or repaired product delivery x-Glo will, at its own discretion, select the shipping way); if the product was found not to be defective or exclusion of warranty, the claimant shall bear all the return expenditures and need to re-purchase the product if requires replacement.

All products covered by this warranty were manufactured after January 1, 2018, and bear identifying code to that effect. This warranty is the only written warranty applicable to x-Glo Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.