

# [NAVIGATOR]

LED STREETLIGHT

USER MANUAL



## INTRODUCTION

Thank you for selecting the [NAVIGATOR] LED Streetlight. Please ensure that the luminaire is installed in accordance with the below instructions. **Teknik Lighting Solutions Pty Ltd** assumes no responsibility for inappropriate use or installation of the product, including any associated damage caused.

Features:

- > Simple installation with tool-less entry and heavy duty toolless clips.
- > Dimmable with 1-10V, PWM.
- > True 5yr warranty .
- > Premium corrosive resistant powder coating.
- > Die-cast aluminium body and heat sink design for improved heat dissipation.

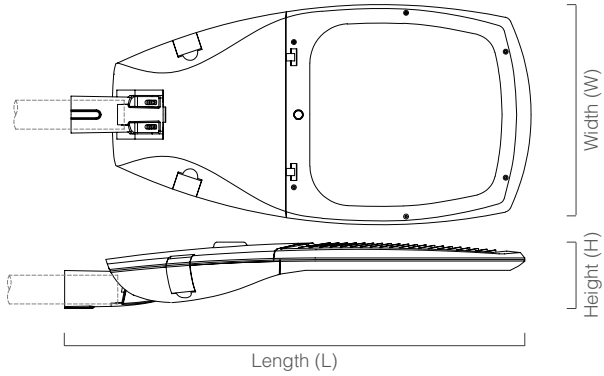
## PRECAUTION

1. Read the entire manual carefully prior to installation and operation.
2. The warranty period is five (5) years. Teknik will repair or replace the product if it becomes defective or fails under normal use due to a manufacturing defect within the prescribed period.
3. Declared lumen output is based upon measurements obtained during operation on the appointed LED electronic driver under standardised laboratory conditions.
4. Installation must be performed by a licenced and qualified electrician.
5. Instant restart is allowed.
6. Use a solid copper wire of 18 AWG (minimum) for the input terminal extension, and 20 AWG (minimum) for the output terminal extension.
7. Do not change or tamper with any internal electric circuits, add any wires, connectors or cables for any reason.
8. Please do not insert any physical objects of any nature into the fitting as this may cause electric shock, malfunction or damage to the products.
9. Before replacement of the fitting turn the power off and allow the luminaire to cool down.

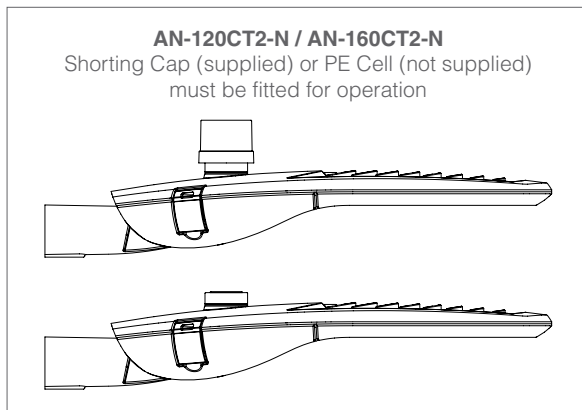
## DISCLAIMERS

1. This product must be installed and used as per these instructions.
2. This product contains no serviceable parts and no attempt should be made to repair this product. If the product is faulty it should be discarded.
3. This product is not suitable for installation in hazardous and/or corrosive areas.
4. Electrical installations periodically receive transient over voltages. This product has been designed to minimise the effect of such voltages on connected equipment.
5. This product utilises intellectual property in the form of registered designs, trademarks, and/or patents. Such intellectual property remains the property of Teknik Lighting Solutions Pty Ltd in all cases.
6. This product has been designed to operate in ambient temperatures -40°C to + 50°C.

## DIMENSIONAL DRAWING

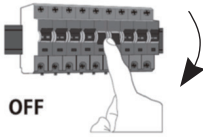


Wattage	Length mm	Width mm	Height mm	Weight kg
40W/80W	565	110	330	7.4
120W/160W	665	118	381	9.5
240W	865	125	455	14.5



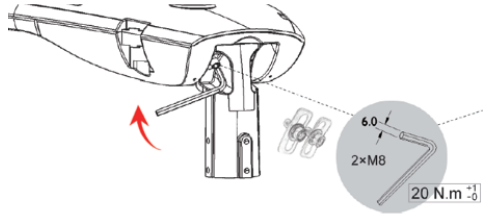
# INSTALLATION

1. Disconnect power to the circuit.

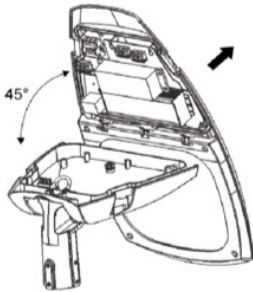


2. Remove the fitting from the packaging.

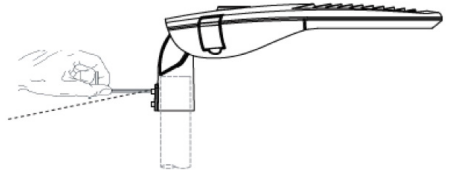
3. For the pole top remove the spigot by loosening allen head bolts. Rotate the spigot so that it is perpendicular to the LED fitting as shown below. Otherwise rotate spigot so it is parallel to the fitting and is at the desired angle for installation. Ensure that the spigot is secured by tightening the bolts to 20 Nm.



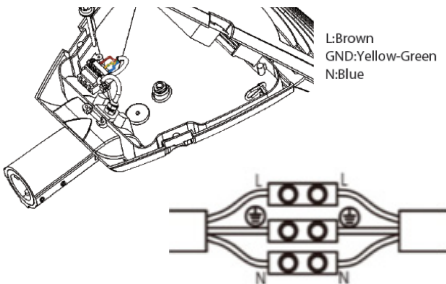
4. Undo the clips on the sides of the fitting and open up the fitting as shown below.



5. Mount the fitting by inserting the pole into the spigot and tightening the M10 set bolts on the spigot as shown. Ensure that the incoming AC mains cable enters the stainless steel gland, tighten gland on cable.



6. Wire the incoming AC wires into the terminal block ensuring that the wires are in the correct positions. Ensure that the wires are tightened securely.



7. Close the fitting and use the clips to secure.

