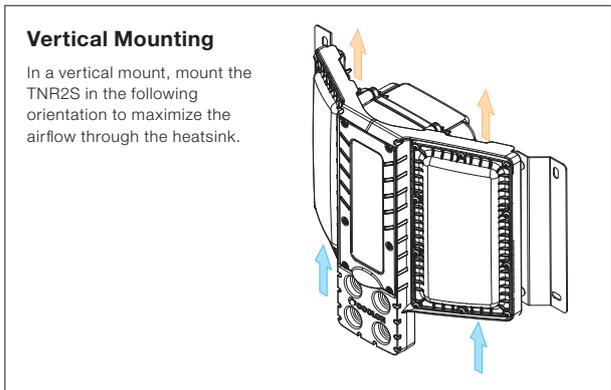
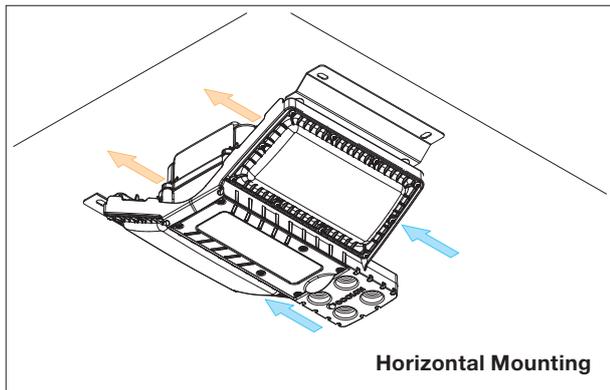


Electrical Characteristics	
<b>VOLTAGE IN</b>	120 – 240VAC 50/60Hz
<b>POWER</b>	60W
<b>IP/IK RATING</b>	IP66 / IK09
<b>OPERATING TEMP.</b>	0 to +50°C

**INSTALLATION INSTRUCTIONS**

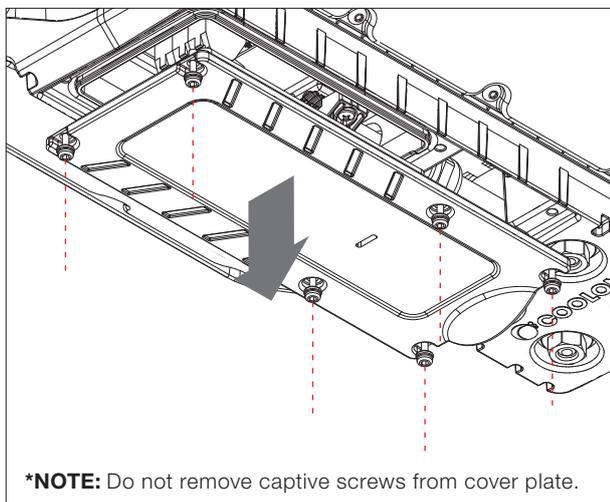
**Step 1**

Choose luminaire position and orientation. When choosing the location of TNR2S luminaire, please ensure that sufficient clearance is allowed for the airflow through the heatsink. Avoid blocking the air vents.

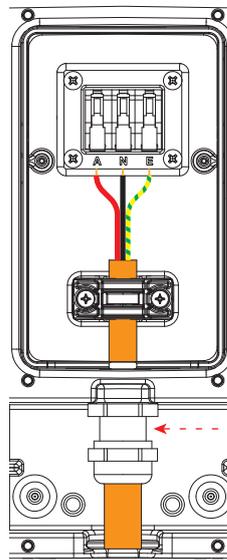


**Step 2**

Loosen the six captive screws on the bottom of the TNR2S to remove cover.



**Step 3**



Proceed to connect wires as required. You can secure the cable using the plastic clamp.

**Conductor Requirements**

<b>Conductor Size</b>	..... 0.5 – 6mm <sup>2</sup>
<b>AWG</b>	..... 20 – 10
<b>Strip Length</b>	..... 11 – 12mm
<b>Cable OD Min/Max</b>	..... 7mm/13mm

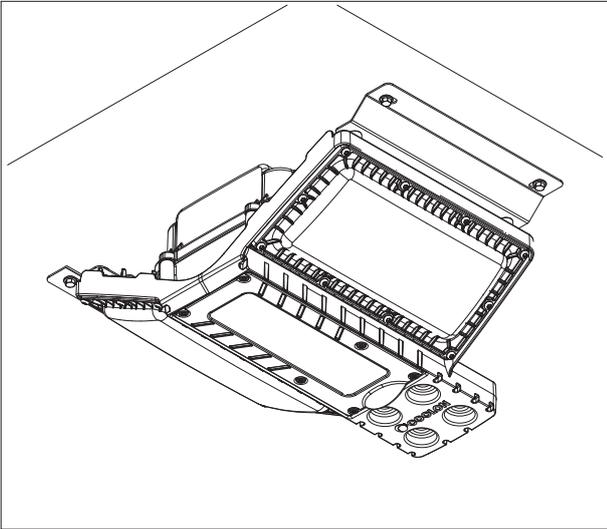
**\*NOTE:** Housing is earthed internally.

24mm wrench required for tightening the cable gland

**INSTALLATION INSTRUCTIONS (Continued)**

**Step 4**

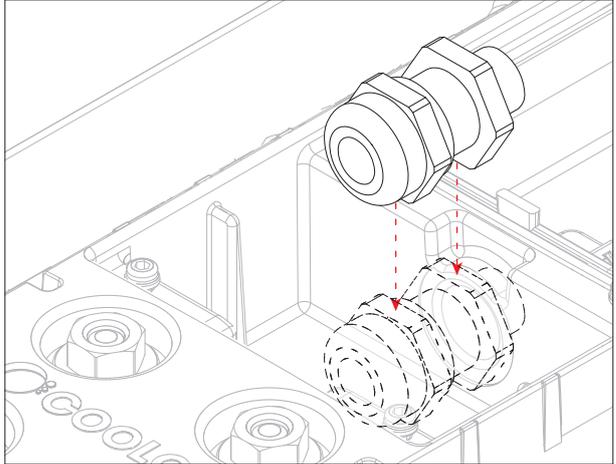
After mounting TNR2S to the spigot and wiring is complete, refit the bottom cover to finish installation.



**GLAND REPLACEMENT**

The fitting is supplied with a stainless steel M20 gland to suit cable outer diameter 7 – 13mm. Cable glands are secured using Loctite 222.

The cable gland can be replaced by other types of glands which have a M20 x 1.5mm mounting thread. We recommend Loctite 277 for a permanent bond.



**AUGMENTED FUNCTIONALITY**

**Remote Dimming**

10 to 100% remote dimming function available as Cloud feature.

**BitCortex**

A web based platform to manage and control smart wireless devices.  
Accessible anywhere through an internet connected browser.  
To learn more about Brilliant Connected lights please visit [www.bitcortex.net](http://www.bitcortex.net) or scan the QR code.

**IMPORTANT**

**Primary use:** conveyor light for commercial and industrial applications. The light source of this luminaire is not replaceable, when the light source reaches its end of life the whole luminaire shall be replaced.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Read through this manual before installation</li> <li>• Handle the product with care</li> <li>• The product must be grounded</li> <li>• The product must be installed by a suitably qualified person</li> </ul> | <ul style="list-style-type: none"> <li>• Turn OFF the power before installation and maintenance</li> <li>• Make sure the product is securely installed</li> <li>• The housing might become hot after operation</li> <li>• Keep optical face clean</li> </ul> |
|--|--|

