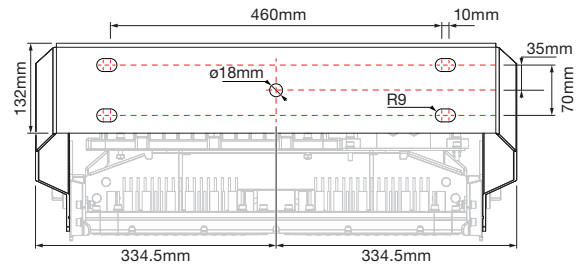


### Mounting Bracket



### Electrical Characteristics

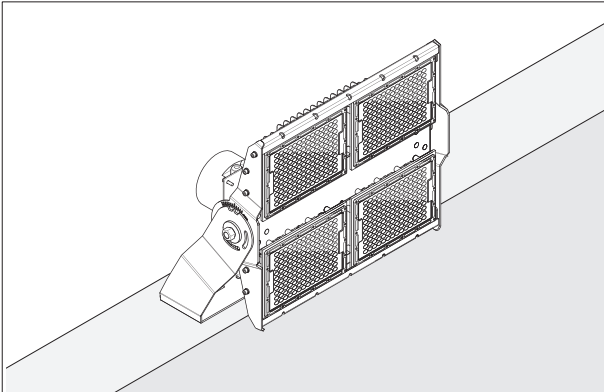
<b>MP-WVR</b> Wide Voltage Range	<b>Voltage In</b> 200 – 440VAC / 254 – 550VDC	<b>Frequency Range</b> 47 – 63Hz	<b>Power</b> 480W
<b>RPS230</b> Remote Power Supply	<b>Voltage In</b> 100 – 277VAC / 127 – 250VDC	<b>Frequency Range</b> 47 – 63Hz	<b>Power</b> 480W
<b>RPS415</b> Remote Power Supply	<b>Voltage In</b> 249 – 440VAC / 352 – 500VDC	<b>Frequency Range</b> 47 – 63Hz	<b>Power</b> 480W

### MOUNTING CONFIGURATIONS

\*Mounting hardware not supplied by Coolon. Please refer to the drawings on page 2 for sizing and mounting footprint.

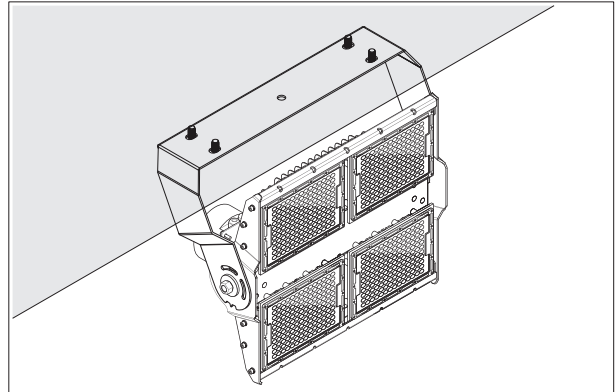
#### Horizontal Plane

Mount the XBLADE™ 480 using a minimum of:  
4 x M16 Grade A4 Stainless (316) bolts\* **OR**  
4 x M16 grade 8.8 galvanised High Tensile Steel bolts\*



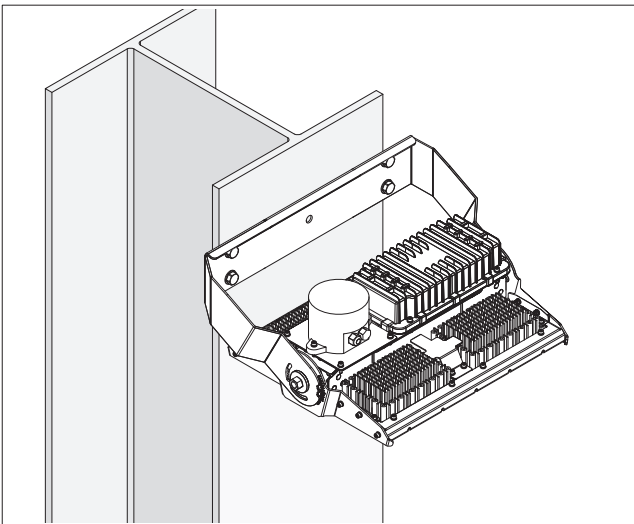
#### Horizontal Plane - Suspended

Mount the XBLADE™ 480 using a minimum of:  
4 x M16 Grade A4 Stainless (316) bolts\* **OR**  
4 x M16 grade 8.8 galvanised High Tensile Steel bolts\*



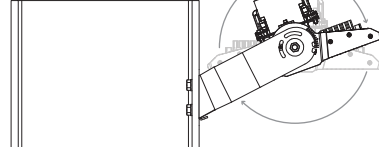
#### Vertical Plane

Mount the XBLADE™ 480 using 4 x M16 bolts and nuts\*.

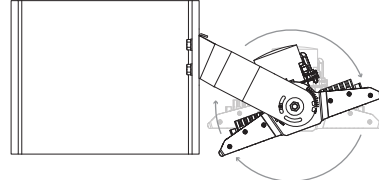


**NOTE:** XBLADE 480 can rotate 360°. Please be aware of the power cable's position with respect to the angle of the luminaire, avoid cable damage due to excessive bending. When using the locking/securing screws 1 screw per side will be sufficient however some angles allow for an additional screw if desired.

#### Configuration A

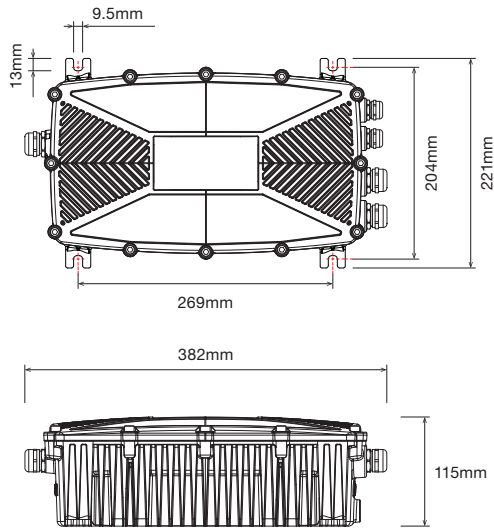


#### Configuration B



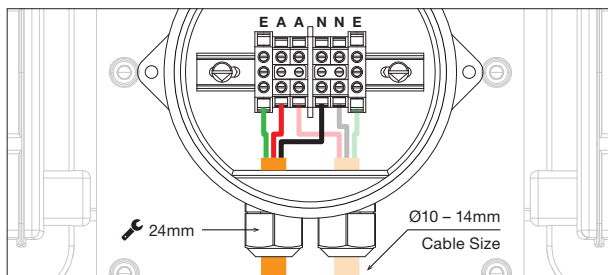
## SIZING AND SPACING

### Remote Power Supply



## CONNECTION - MAINS

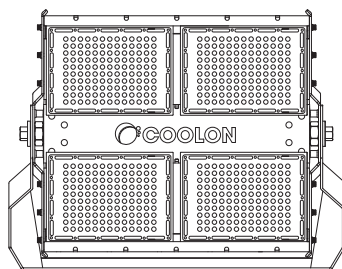
Open the junction box by rotating the lid counter-clockwise.



230VAC MAINS IN  
(Cable not supplied)

OPTIONAL LOOP OUT

XBLADE-480-XXX-XXX-MP



230VAC MAINS IN  
(Cable not supplied)

OPTIONAL LOOP OUT



Once the product has reached end of life, unit is to be disposed of in accordance to local e-waste laws or regulations. Do not dispose of these products as unsorted municipal waste: take them for recycling. For information on your nearest recycling point, check with your local waste authority.

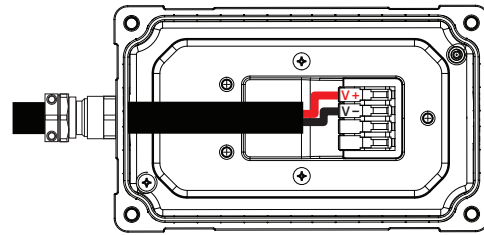
## CONNECTION - RPS

Remove the junction box lid (4 x M6 SEMS Captive Screws)

Proceed to connect wires from power supplies as per below diagram

**NOTE:** No Polarity Protection. Observe correct DC polarity between power supply and luminaire. **Cable glands not included.**

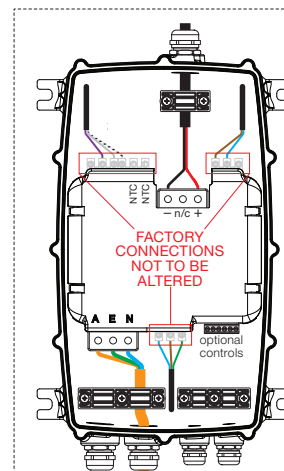
Size: M25 x 1.5. Cable gland with strain relief is recommended.



### Kit Configuration (230VAC)

XBLADE-480-\*\*\*-\*\*\*-DC

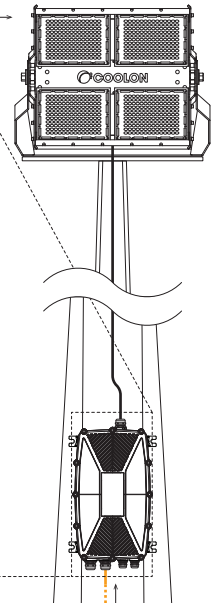
Cable to Luminaire



Cable glands not included

230VAC nominal input voltage

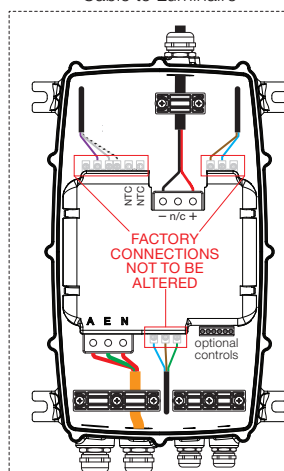
PWR-CLN-600-CC2800-381AL-MP230



### Kit Configuration (415VAC DELTA)

XBLADE-480-\*\*\*-\*\*\*-DC

Cable to Luminaire

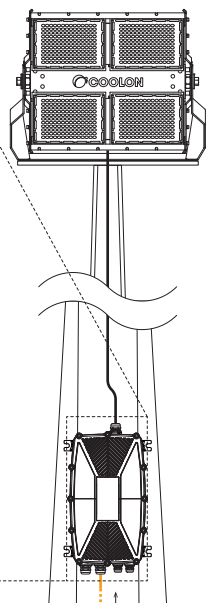


Cable glands not included

415VAC nominal input voltage

Use any 2 phases and connect to A and N

PWR-CLN-600-CC2800-381AL-MP415



Distance between the power supply and luminaire can be extended up to 100 metres using a min 1.5mm<sup>2</sup> cable.