

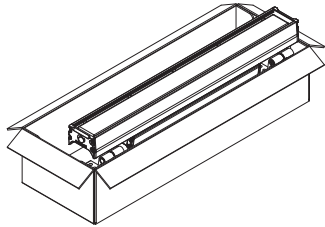


# ARIA X TW INSTALLATION INSTRUCTIONS



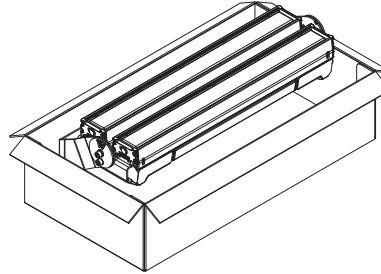
## ■ INCLUDED

### Single Luminaire Box Contents



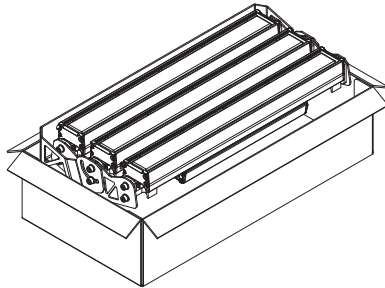
- 1x Single Luminaire
- Mounting Brackets (Integral)

### Double Luminaire Box Contents



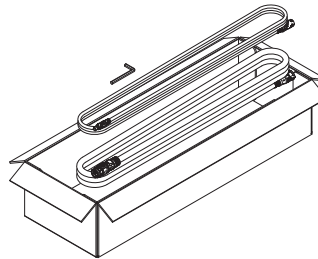
- 1x Double Luminaire
- Mounting Brackets (Integral)

### Triple Luminaire Box Contents



- 1x Triple Luminaire
- Mounting Brackets (Integral)

### + Run Box



- Allen Key
- Cable Plastic Caps
- Cable Kits

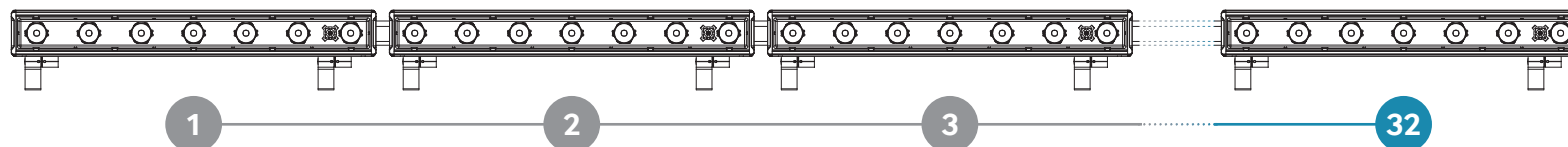
## ⚠ ATTENTION

- Please observe / follow the instructions methodically.
- Please ensure the units are handled with extreme care.
- Do not remove product from packaging prematurely. Only remove from packaging when ready for installation.
- Failure to observe installation instructions and handling will void warranty of the product.
- Fittings must be installed by a licensed electrician.
- Before installing, make sure the power supply is switched off or mains cable is disconnected.
- Aria is designed for a wide range of applications, including those with low vibrations such as bridges and fixed metal structures. However, is not designed for heavy-duty environments with excessive vibration.

| CONTENTS         | LUMINAIRE DIMENSIONS (LXWXH) | BOX DIMENSIONS (LXWXH) | WEIGHT  |
|------------------|------------------------------|------------------------|---------|
| Single Luminaire | 582 x 191 x 121mm            | 600 x 200 x 130mm      | 4.70kg  |
| Double Luminaire | 637 x 249 x 151mm            | 671 x 345 x 168mm      | 10.85kg |
| Triple Luminaire | 665 x 292 x 162.5mm          | 671 x 345 x 168mm      | 17.00kg |
| Run Box          | Varies depending on quantity | 600 x 200 x 130mm      | Varies  |

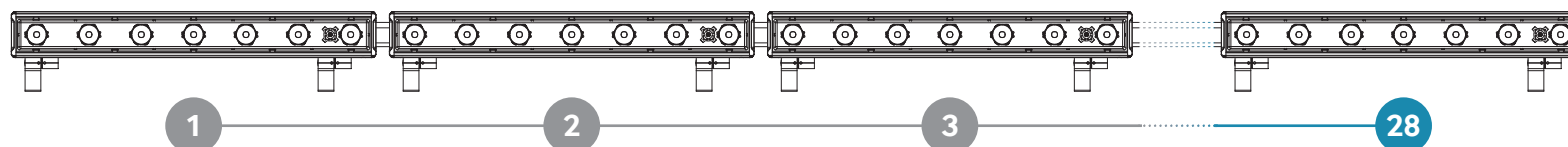
### ■ INSTALLATION LIMITS @ 230VAC

Maximum 32 x Single Luminaires per individual run.

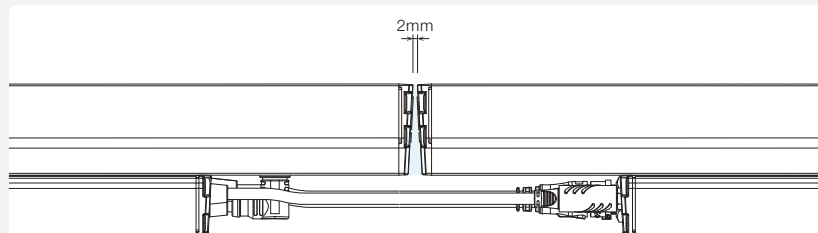


### ■ INSTALLATION LIMITS @ 120VAC

Maximum 28 x Single Luminaires per individual run.

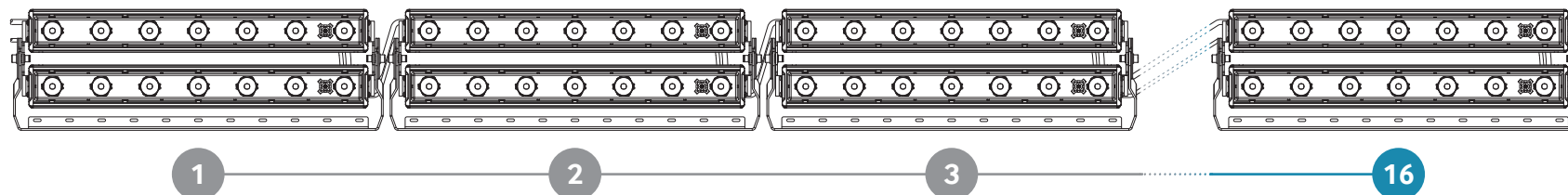


2mm distance between the ends of fittings to keep consistent LED pitch.



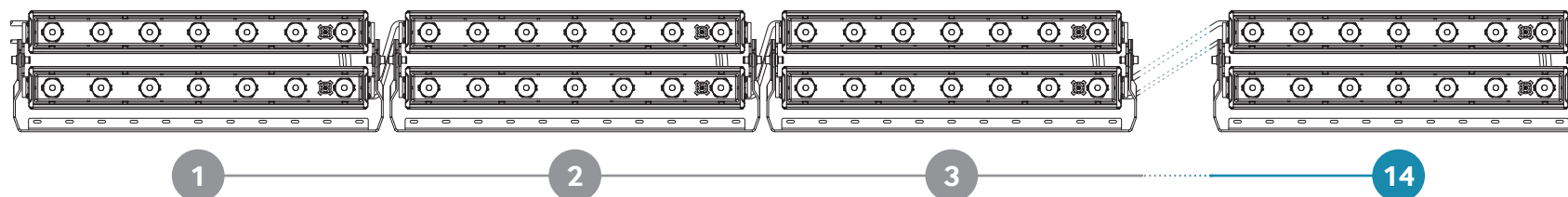
### ■ INSTALLATION LIMITS @ 230VAC

Maximum 16 x Double Luminaires fittings per individual run.



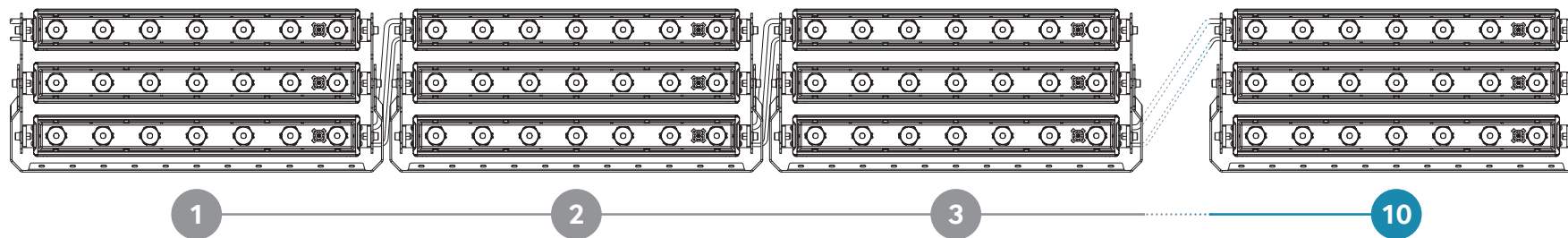
### ■ INSTALLATION LIMITS @ 120VAC

Maximum 14 x Double Luminaires per individual run.



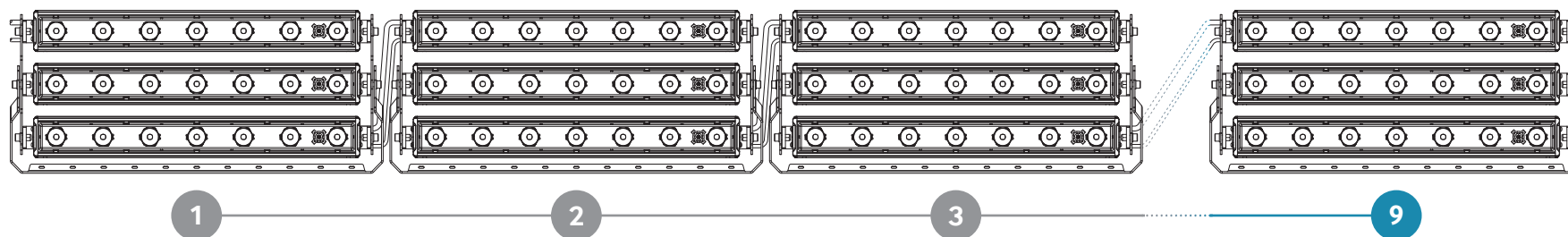
### ■ INSTALLATION LIMITS @ 230VAC

Maximum 10 x Triple Luminaires per individual run.

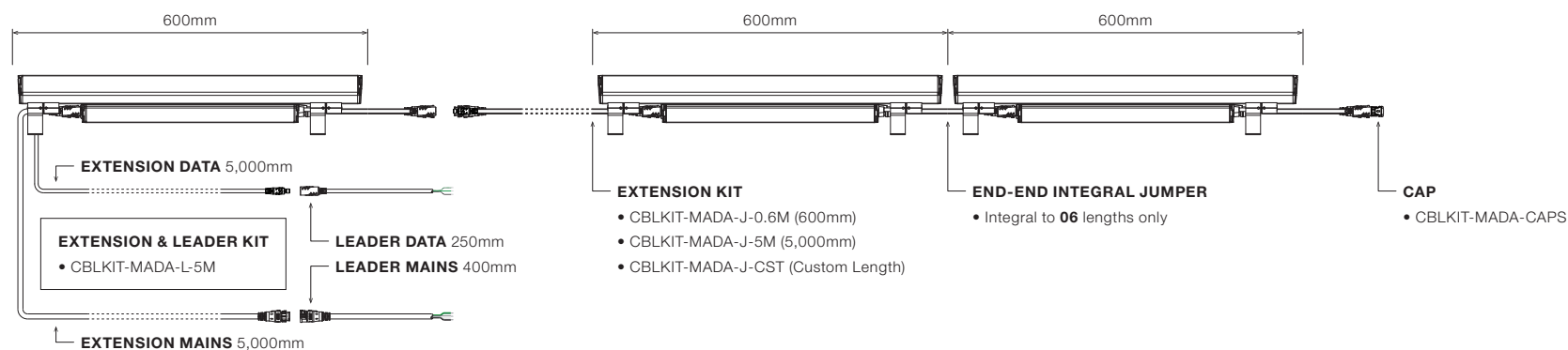


### ■ INSTALLATION LIMITS @ 120VAC

Maximum 9 x Triple Luminaires per individual run.



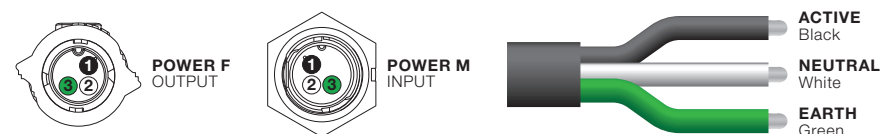
## ■ WIRING CONFIGURATION



### DATA Pinouts



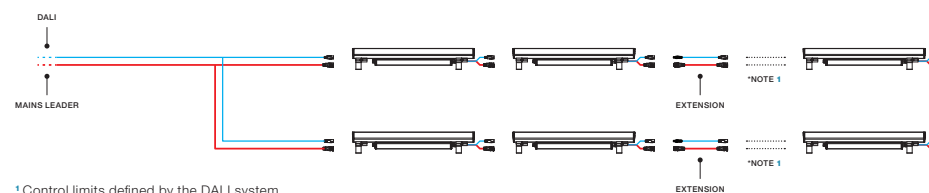
### MAINS Pinouts





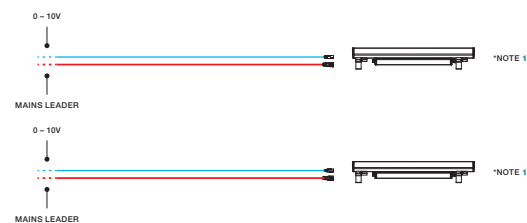
## ■ WIRING DIAGRAMS

### DALI INSTALLATION



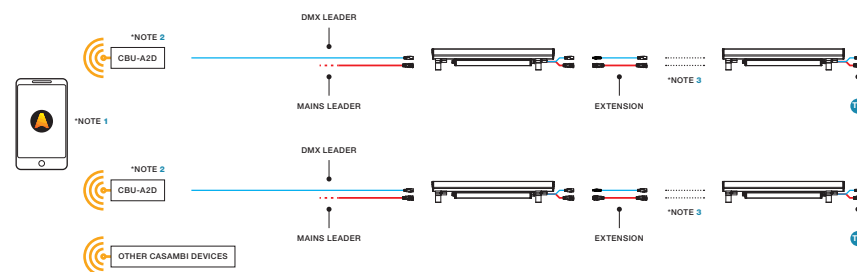
<sup>†</sup> Control limits defined by the DALI system

### 0-10V INSTALLATION



<sup>†</sup> Single luminaire control

### CASAMBI INSTALLATION



<sup>†</sup> Please refer to Casambi's documentation about system limits and range

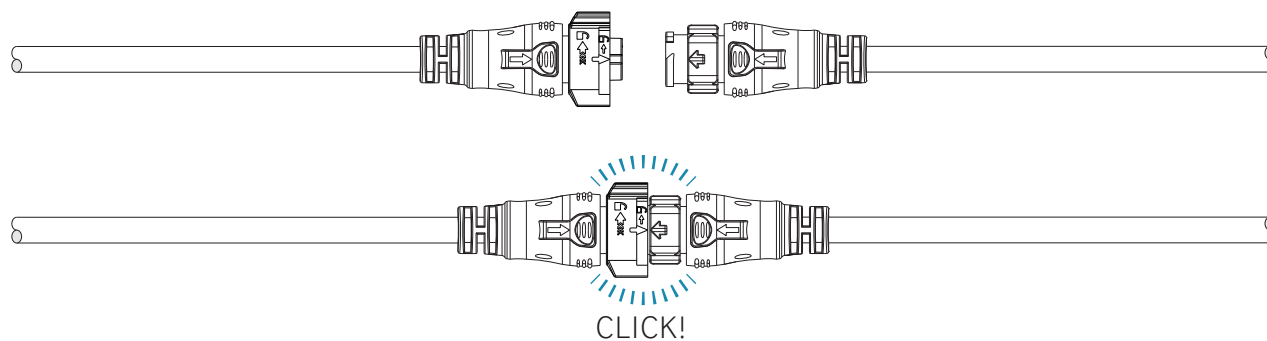
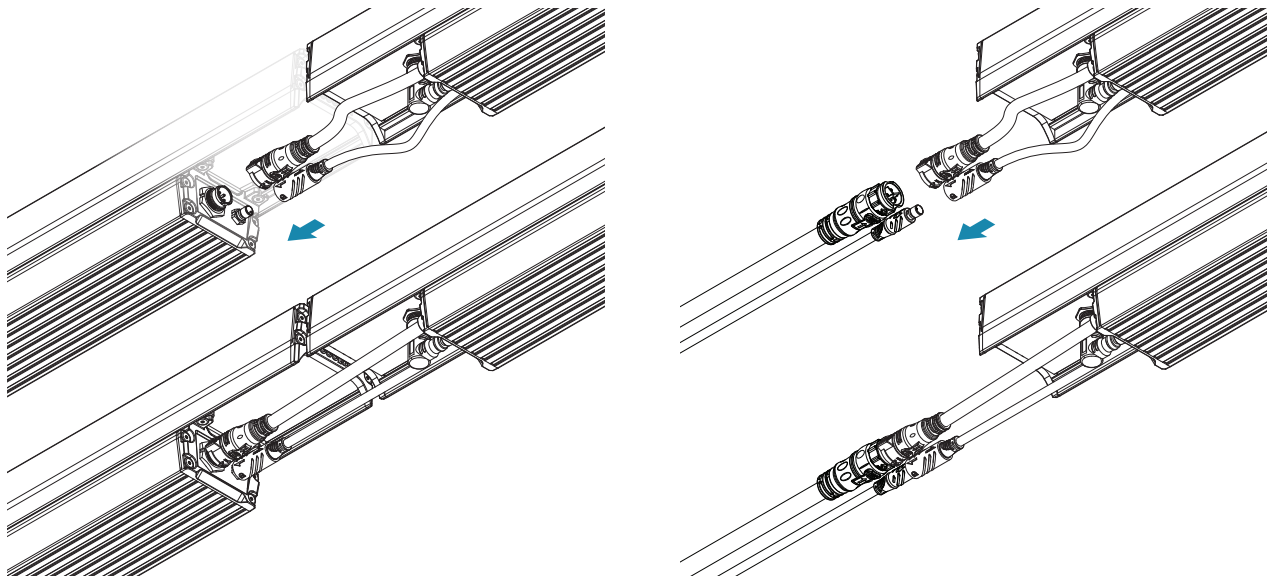
<sup>‡</sup> Please refer to CBU-A2D documentation for reference

<sup>‡</sup> Control limits defined by the DALI system



## CONNECTION

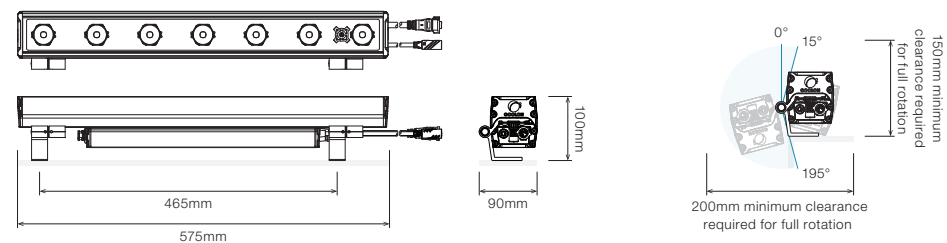
Before installation begins, please ensure that you understand the fitting layout as per luminaire schedule.



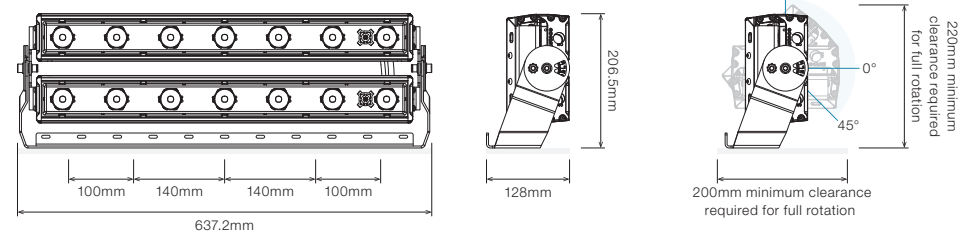


## ■ DIMENSIONS

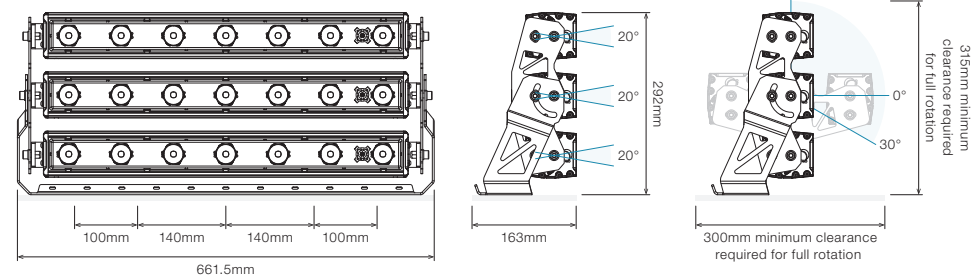
### Single Luminaire



### Double Luminaire



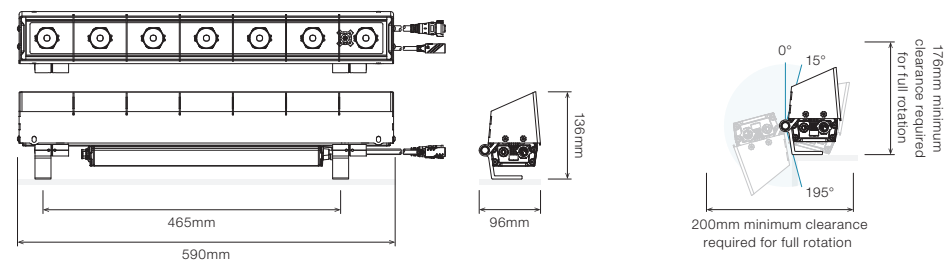
### Triple Luminaire



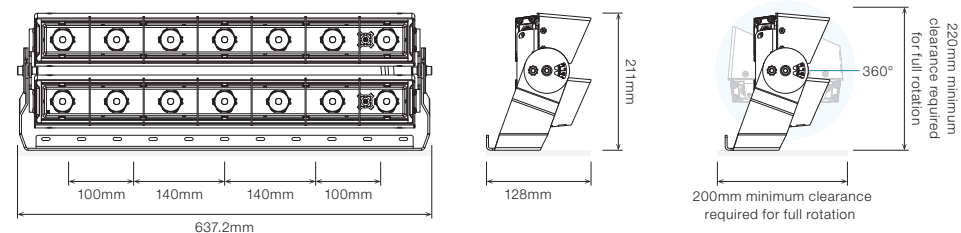


## ■ DIMENSIONS WITH GLARE SHIELD

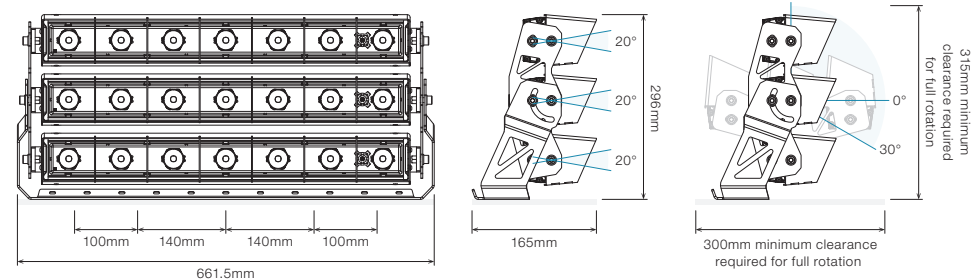
### Single Luminaire

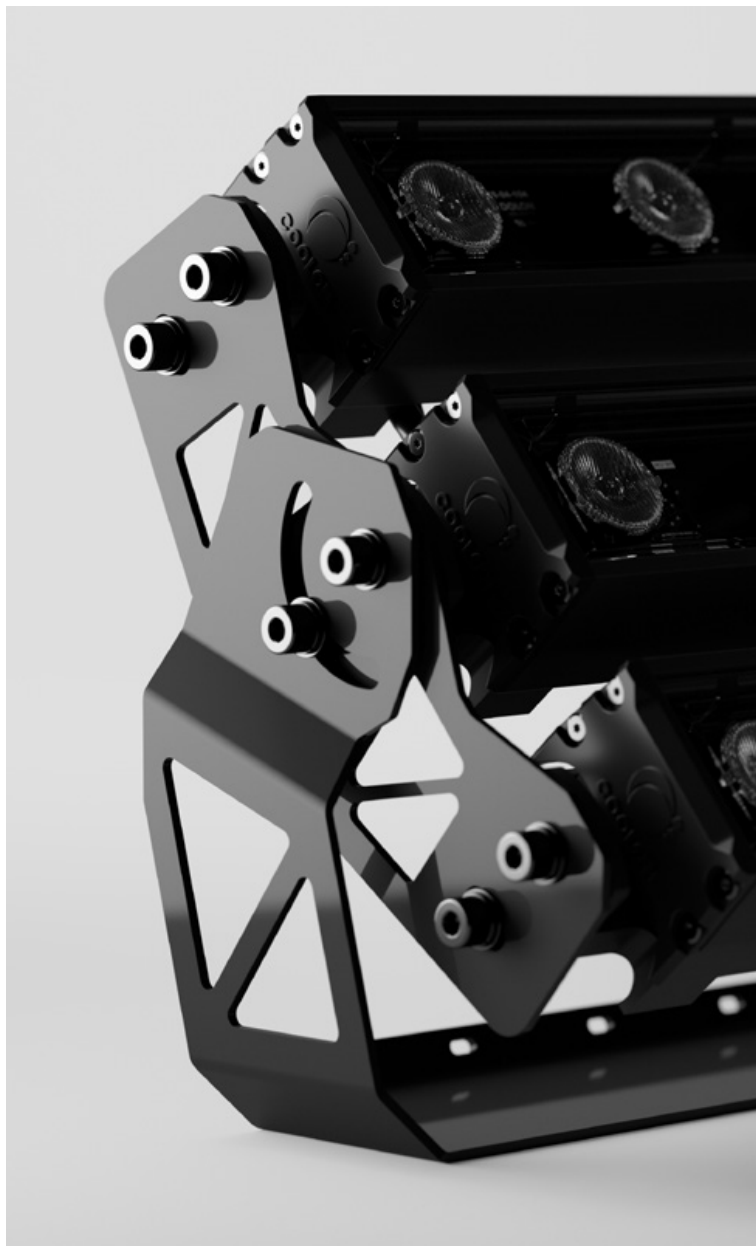


### Double Luminaire



### Triple Luminaire





## ■ MOUNTING FOOTPRINTS

### Single Luminaire

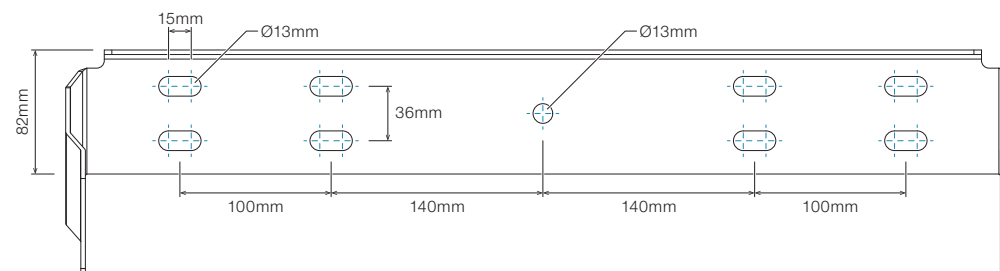


**MINIMUM RECOMMENDED FASTENERS PER LUMINAIRE:**  
4 x M5 bolts for single luminaires

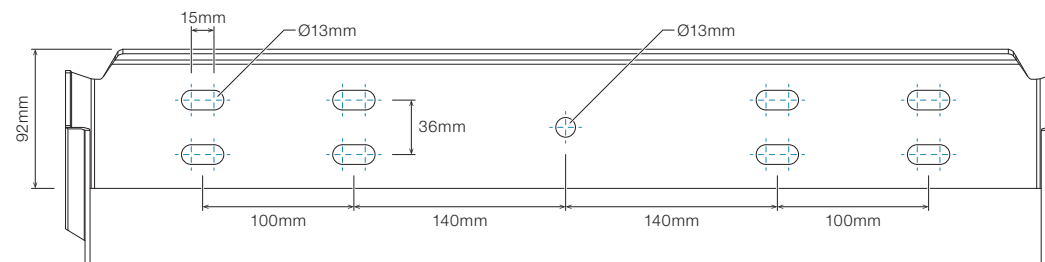
**MOUNTING BRACKET MATERIAL:**  
Aluminium

**APPLICATION:**  
Low vibration

### Double Luminaire



### Triple Luminaire



**MINIMUM RECOMMENDED FASTENERS PER LUMINAIRE:**  
4 x M12 bolts for double and triple luminaires

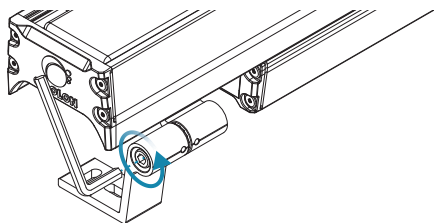
**MOUNTING BRACKET MATERIAL:**  
Stainless Steel 304

**APPLICATION:**  
Low vibration

## AIMING SINGLE LUMINAIRE

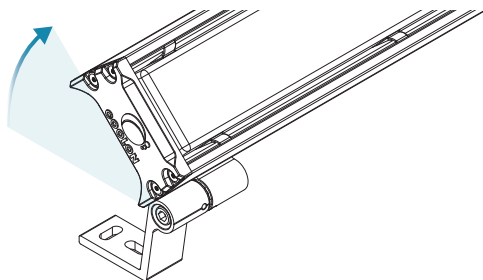
### STEP 1

Loosen **Screws A** and **B** counter clockwise to allow for rotation of the luminaire.



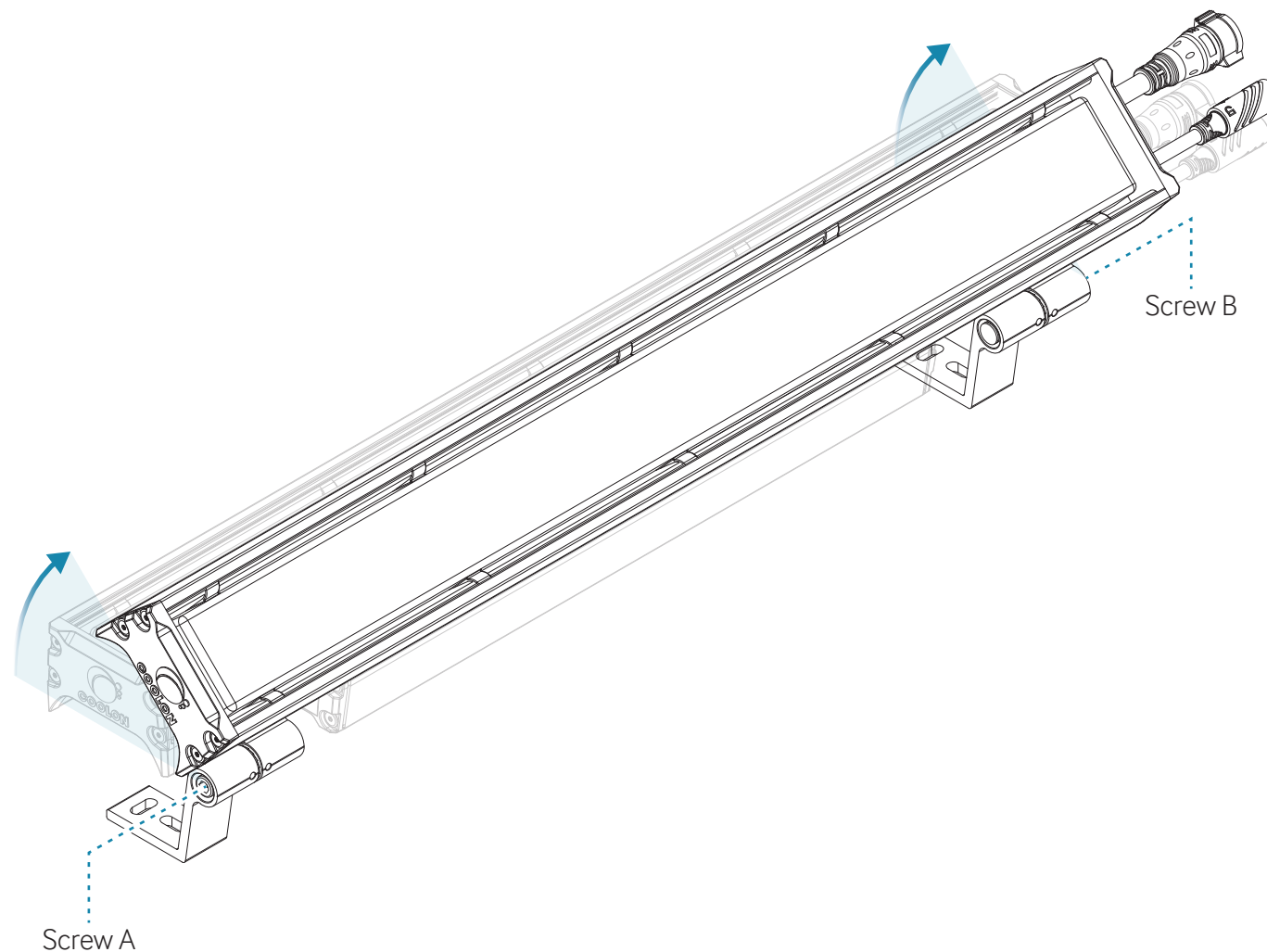
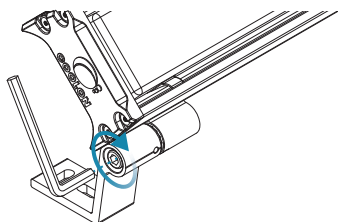
### STEP 2

Rotate the luminaire to your desired angle.



### STEP 3

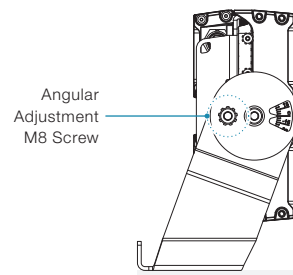
Tighten **Screws A** and **B** clockwise to lock into position (9Nm).



## AIMING DOUBLE LUMINAIRE

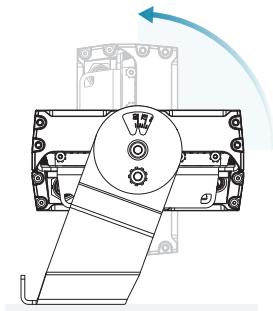
### STEP 1

Loosen the angular adjustment M8 screws.



### STEP 2

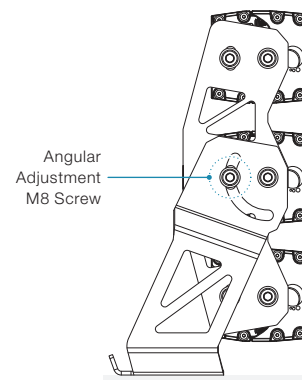
Once luminaire is aimed, tighten to 7Nm. The bracket allows for 90° vertical rotation and 45° forwards rotation.



## AIMING TRIPLE LUMINAIRE

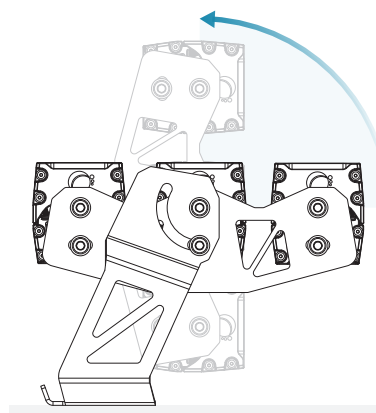
### STEP 1

Loosen the angular adjustment M8 screws to adjust angle of the triple luminaire array.



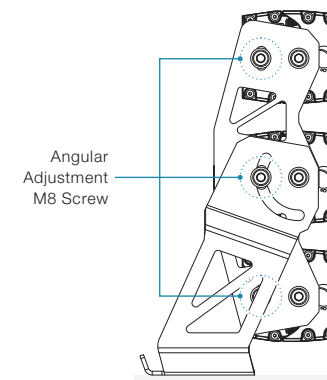
### STEP 2

Once luminaire is aimed, tighten to 7Nm. The bracket allows for 90° vertical rotation and 30° forwards rotation.



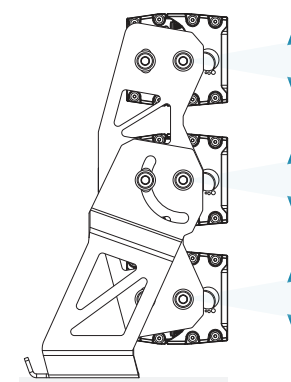
### STEP 3

This bracket also allows for individual angle adjust of each luminaire. Loosen each angular adjustment M8 screws.



### STEP 4

Once luminaire is aimed, tighten to 7Nm. The bracket allows for 10° positive and negative rotation.

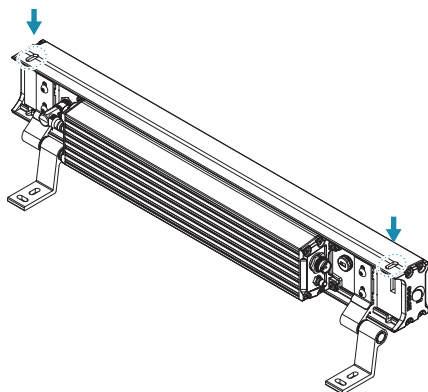


## LUMINAIRE SAFETY LANYARD PROVISIONS

Utilize provisioned apertures if safety lanyards are required in the installation.

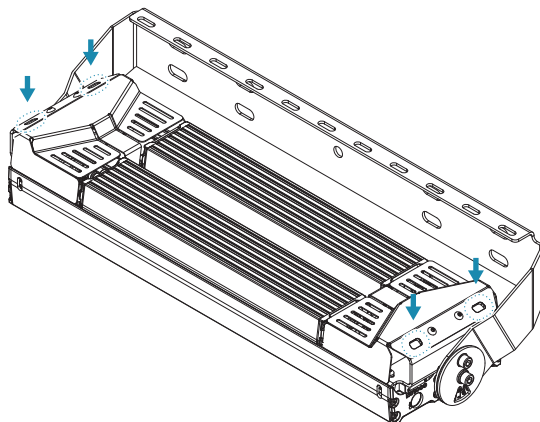
For maximum safety, utilize a safety lanyard for each provision including single fixtures within the double and triple arrays.

### Single Luminaire



### Double Luminaire

Utilize safety lanyard provisions for the bracket.



### Triple Luminaire

Utilize safety lanyard provisions for the bracket.

