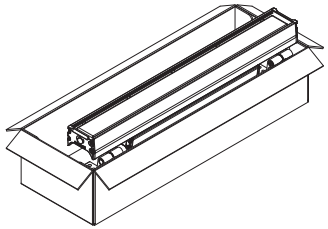
COOLON

ARIA X RGBW INSTALLATION INSTRUCTIONS



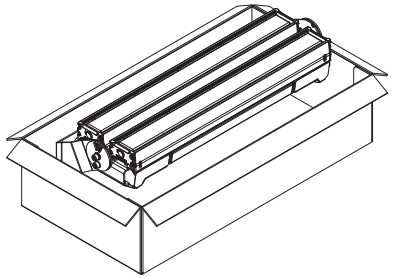
INCLUDED

Single Luminaire Box Contents



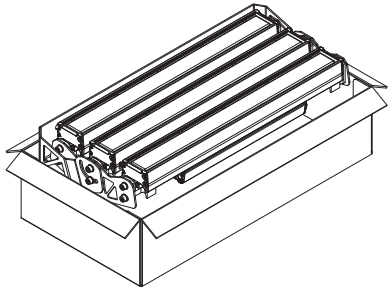
- 1x Single Luminaire
- Mounting Brackets (Integral)

Double Luminaire Box Contents



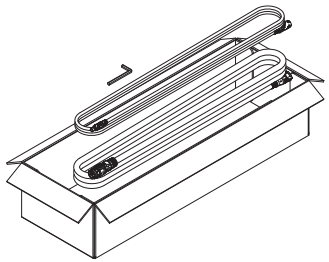
- 1x Double Luminaire
- Mounting Brackets (Integral)

Triple Luminaire Box Contents



- 1x Triple Luminaire
- Mounting Brackets (Integral)

+ Run Box



- Allen Key
- Cable Plastic Caps
- Cable Kits

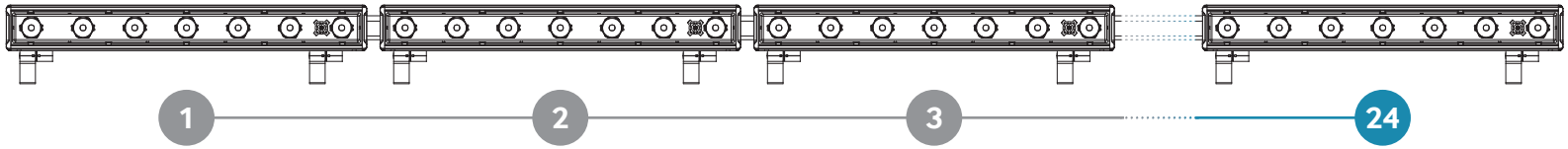
CONTENTS	LUMINAIRE DIMENSIONS (LXWXH)	BOX DIMENSIONS (LXWXH)	WEIGHT
Single Luminaire	582 x 191 x 121mm	600 x 200 x 130mm	4.70kg
Double Luminaire	637 x 249 x 151mm	671 x 345 x 168mm	10.85kg
Triple Luminaire	665 x 292 x 162.5mm	671 x 345 x 168mm	17.00kg
Run Box	Varies depending on quantity	600 x 200 x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

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.

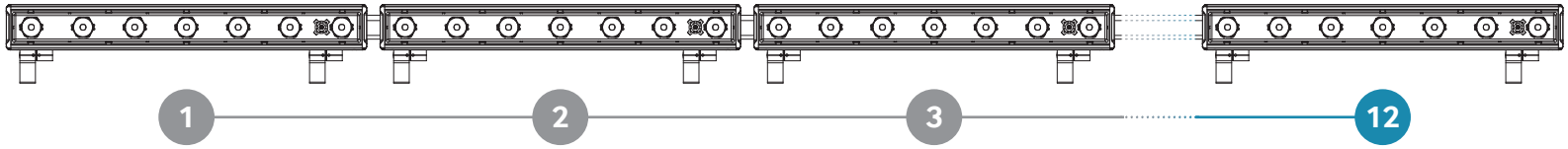
INSTALLATION LIMITS @ 230VAC

Maximum 24 x Single Luminaires per individual run.

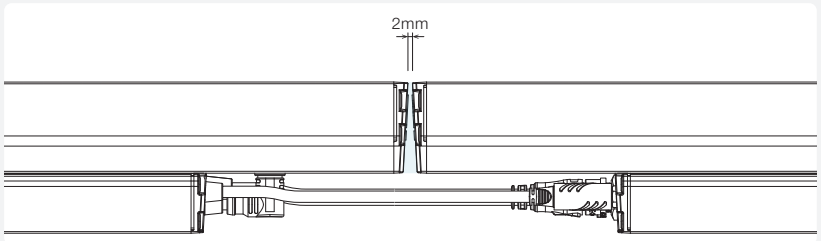


INSTALLATION LIMITS @ 120VAC

Maximum 12 x Single Luminaires per individual run.

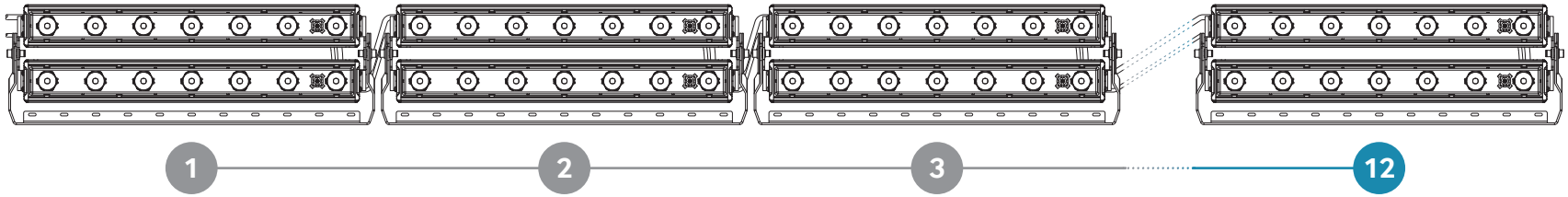


2mm distance between the ends of fittings to keep consistent LED pitch.



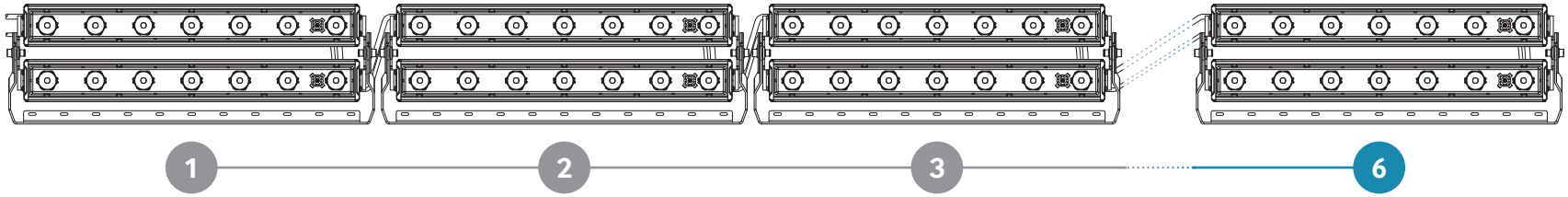
INSTALLATION LIMITS @ 230VAC

Maximum 12 x Double Luminaires fittings per individual run.



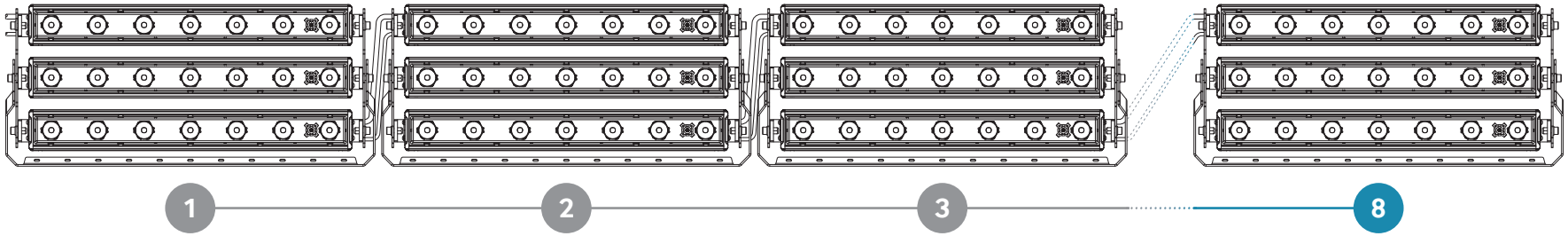
INSTALLATION LIMITS @ 120VAC

Maximum 6 x Double Luminaires per individual run.



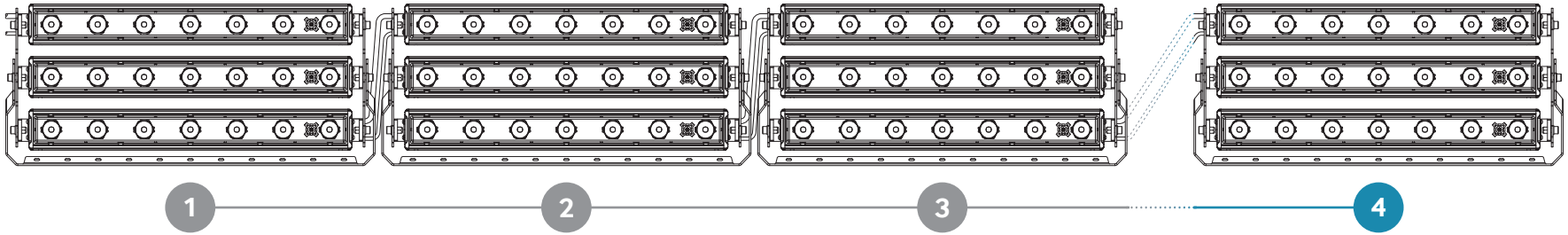
INSTALLATION LIMITS @ 230VAC

Maximum 8 x Triple Luminaires per individual run.

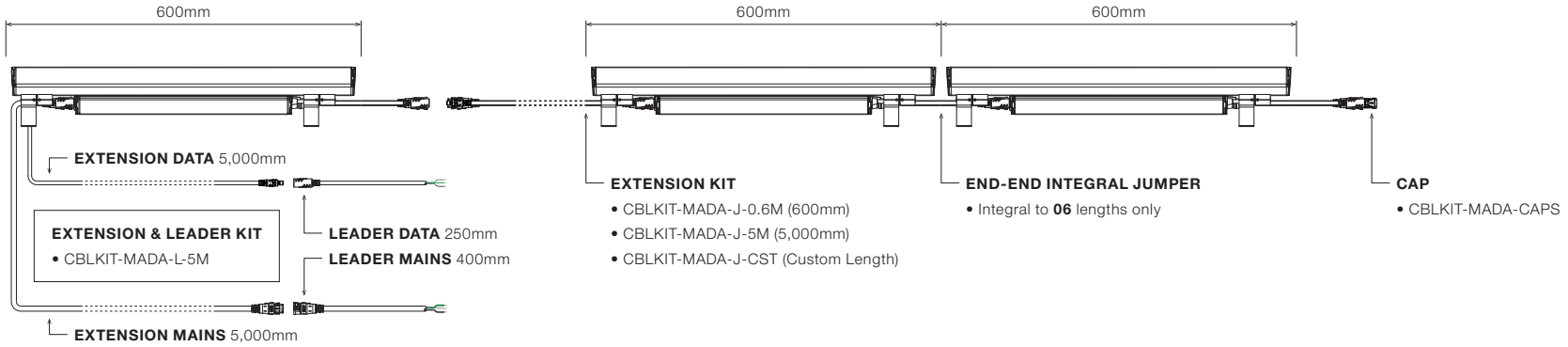


INSTALLATION LIMITS @ 120VAC

Maximum 4 x Triple Luminaires per individual run.



WIRING CONFIGURATION



DATA Pinouts



MAINS Pinouts



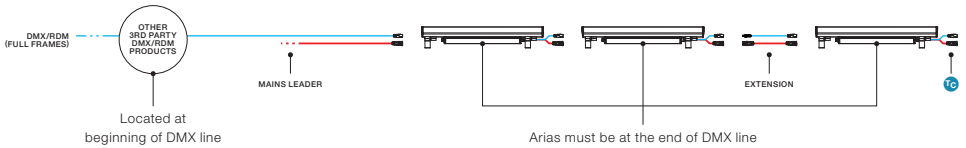


WIRING DIAGRAMS

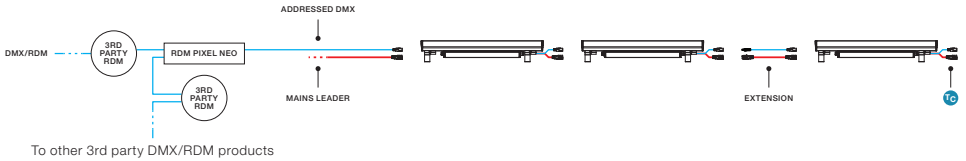
ARIA STANDALONE INSTALLATION



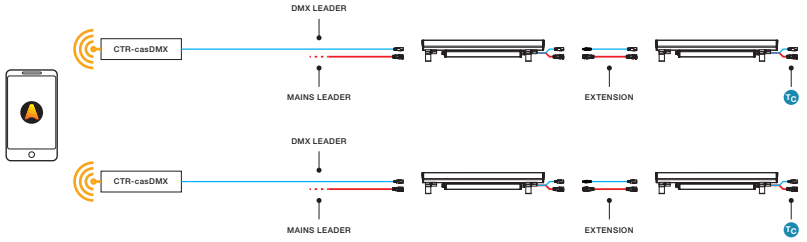
ARIA IN MIXED INSTALLATIONS Option 1 Self Addressing



ARIA IN MIXED INSTALLATIONS Option 2 RDM

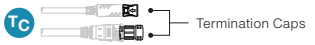


ARIA WITH CASAMBI CONTROL



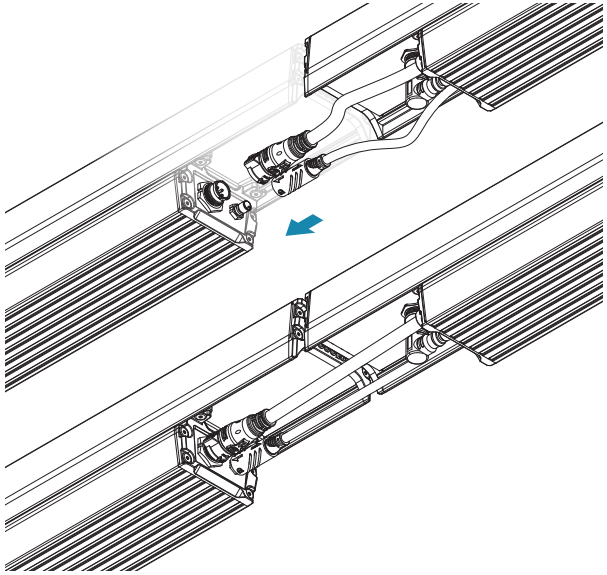
[1] Up to 2 Aria luminaires per casDMX

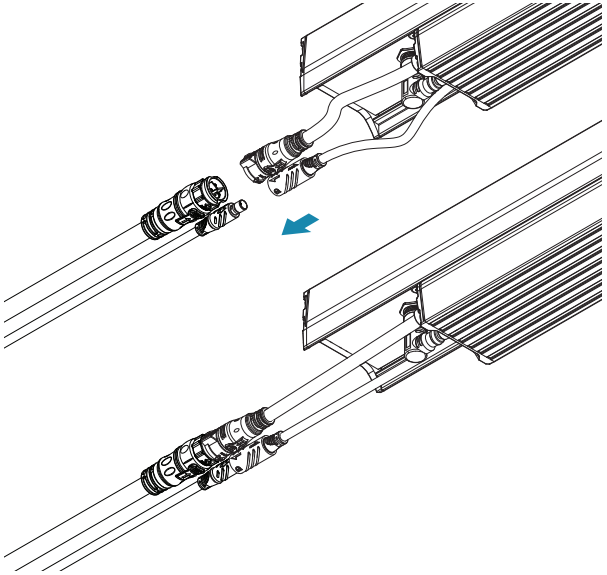
[2] Please refer to casDMX documentation for reference

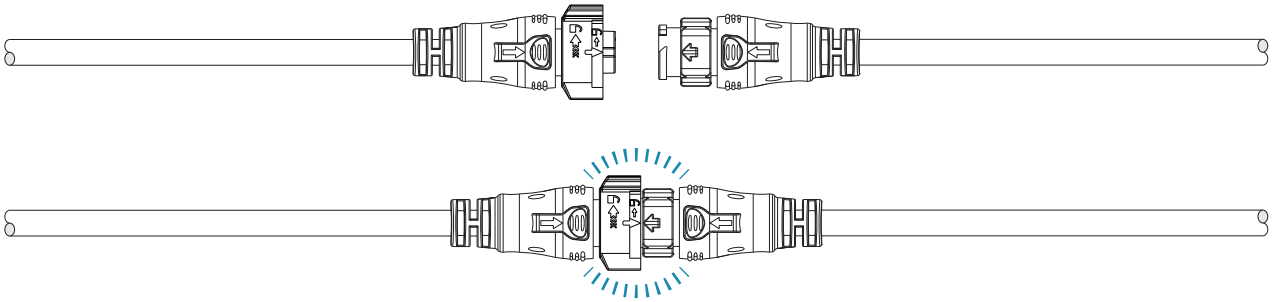


CONNECTION

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



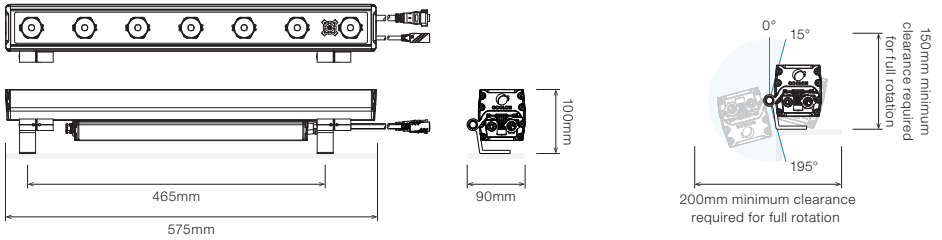




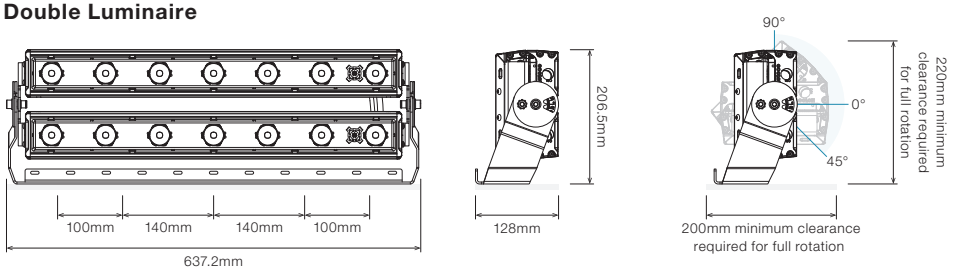


DIMENSIONS

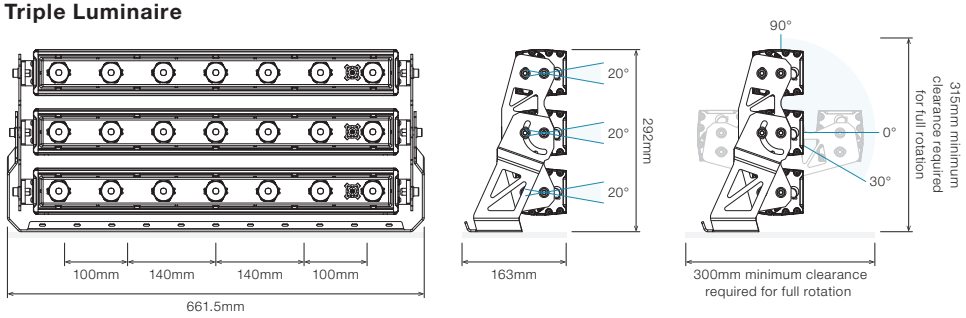
Single Luminaire



Double Luminaire



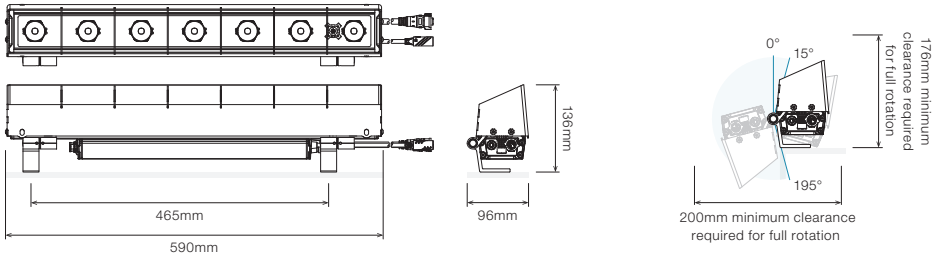
Triple Luminaire



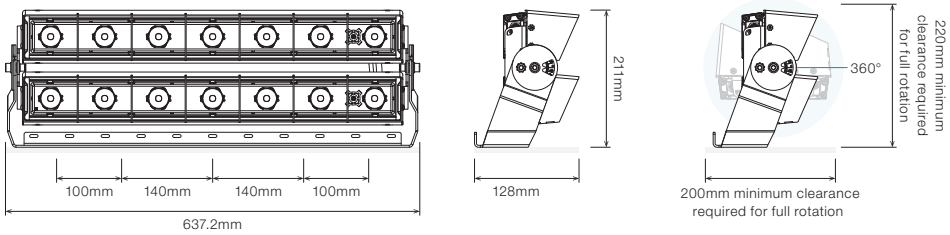


DIMENSIONS WITH GLARE SHIELD

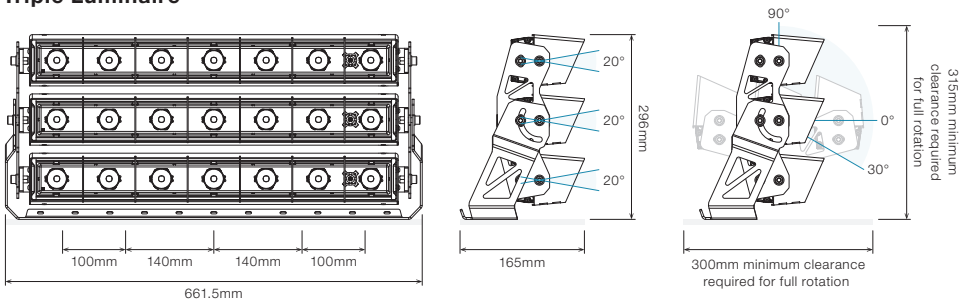
Single Luminaire

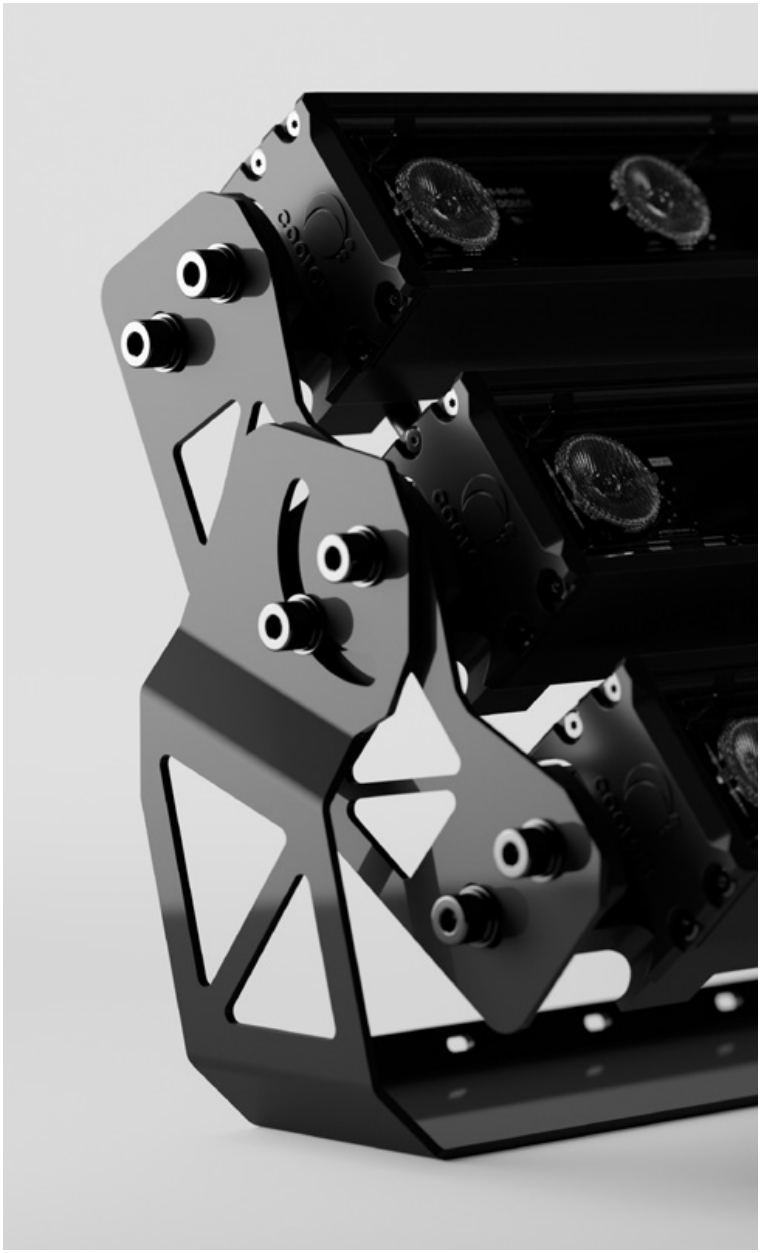


Double Luminaire



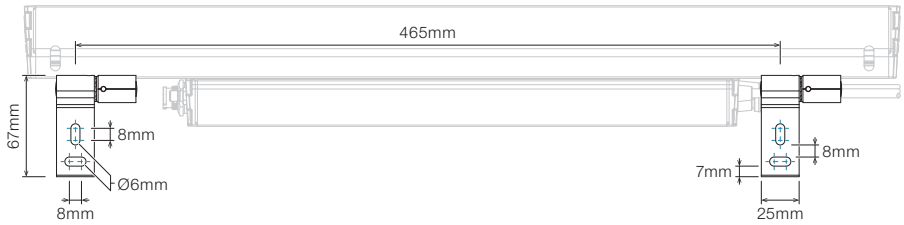
Triple Luminaire





MOUNTING FOOTPRINTS

Single Luminaire

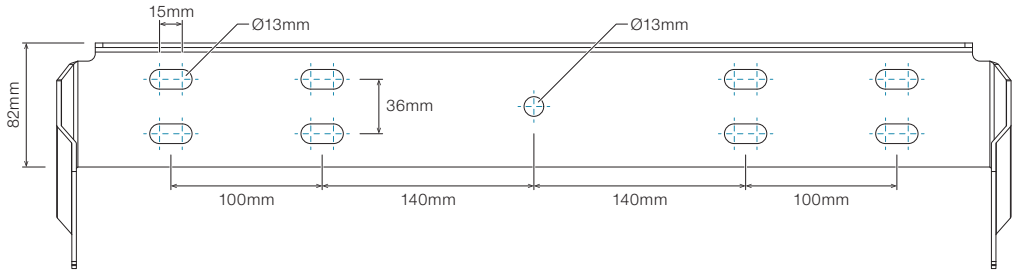


MINIMUM RECOMMENDED FASTENERS PER LUMINAIRE:
4 x M5 bolts for single luminaires

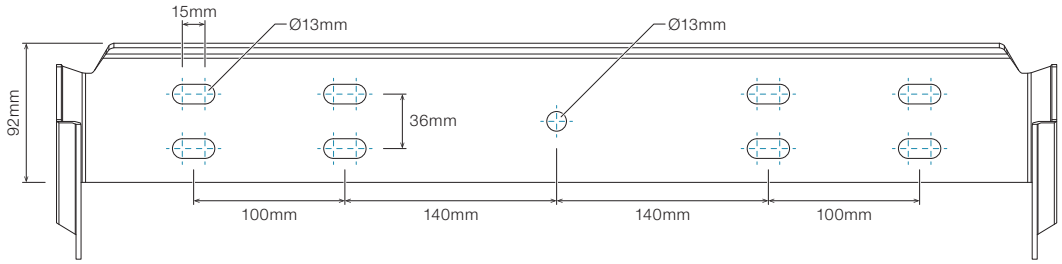
MOUNTING BRACKET MATERIAL:
Aluminium

APPLICATION:
Low vibration

Double Luminaire



Triple Luminaire



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

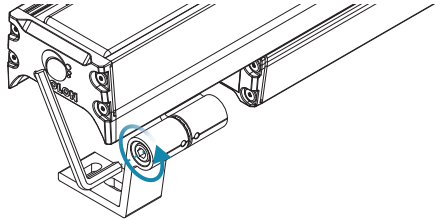
MOUNTING BRACKET MATERIAL:
Stainless Steel 304

APPLICATION:
Low vibration

AIMING SINGLE LUMINAIRE

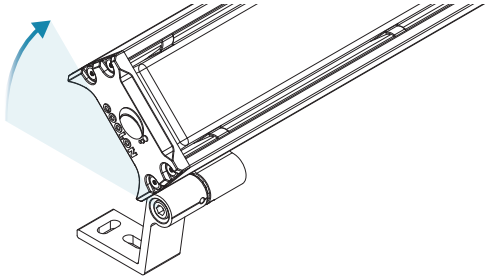
▪ STEP 1

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



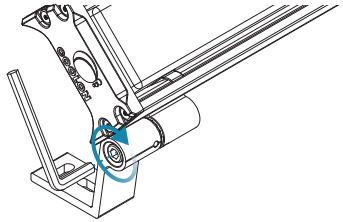
▪ STEP 2

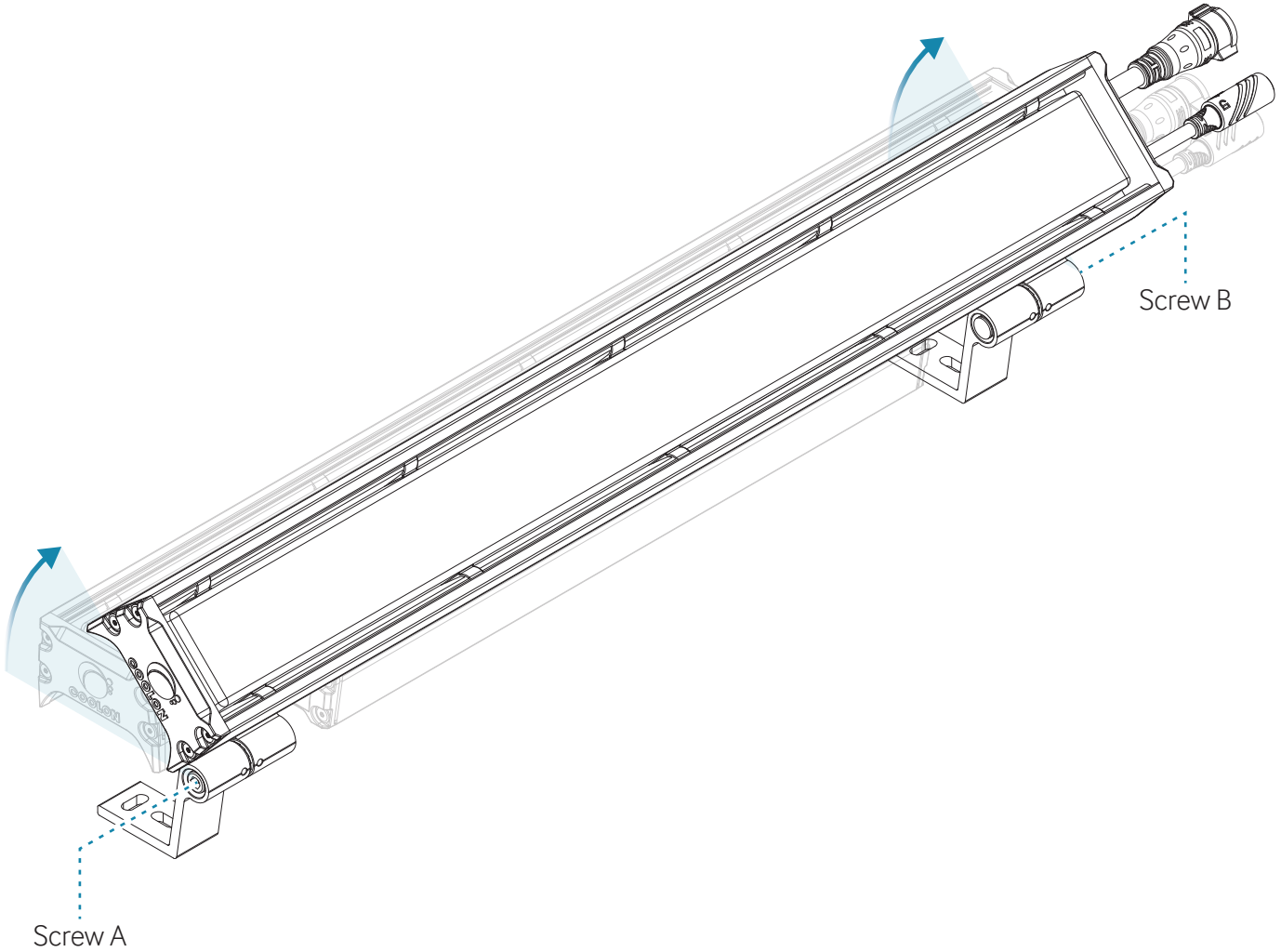
Rotate the luminaire to your desired angle.



▪ STEP 3

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

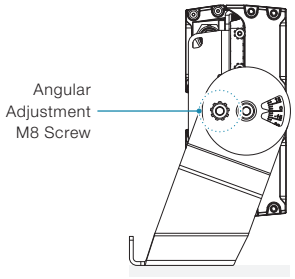




AIMING DOUBLE LUMINAIRE

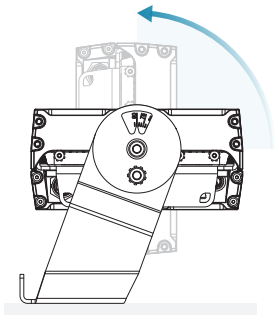
▪ STEP 1

Loosen the angular adjustment M8 screws.



▪ STEP 2

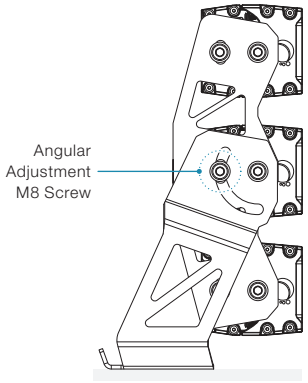
Once luminaire is aimed, tighten to 7Nm. The bracket allows for 90° vertical rotation and 45° forwards rotation.



AIMING TRIPLE LUMINAIRE

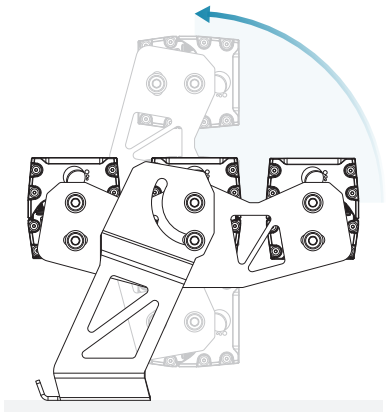
▪ STEP 1

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



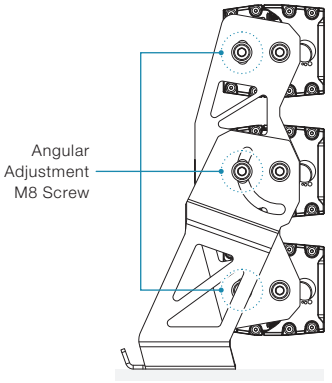
▪ STEP 2

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



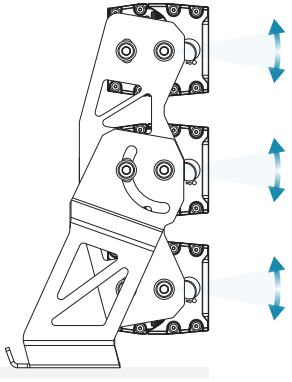
▪ STEP 3

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.

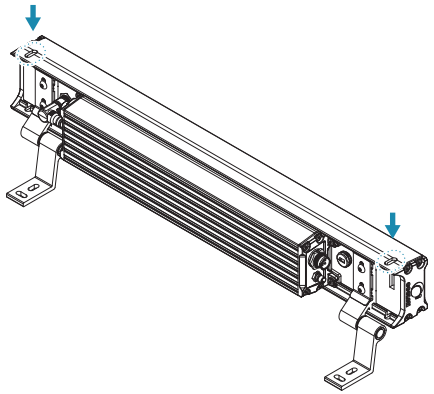


LUMINAIRE SAFETY LANYARD PROVISIONS

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

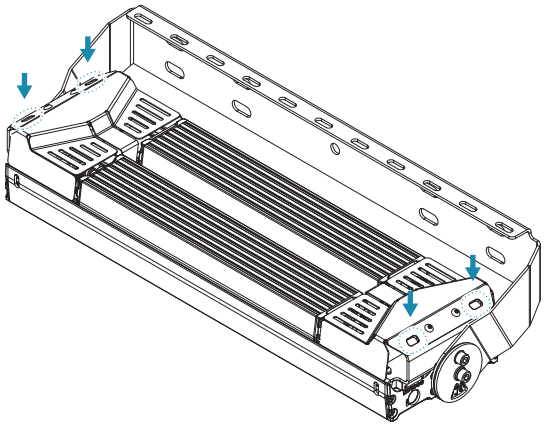
For maximum safety, utilize a safety lanyard for each provision including single fixtures within the double and triple arrays.

Single Luminaire



Double Luminaire

Utilize safety lanyard provisions for the bracket.



Triple Luminaire

Utilize safety lanyard provisions for the bracket.

