

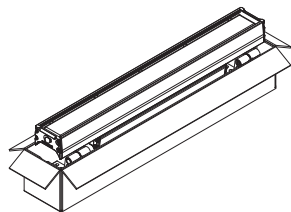


ARIA INSTALLATION INSTRUCTIONS



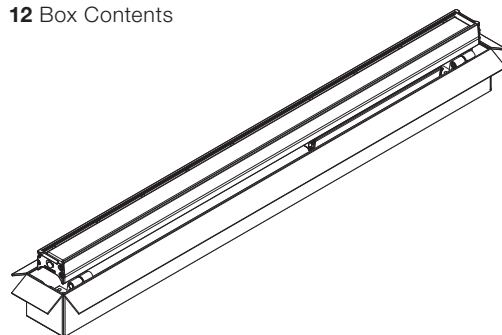
▪ INCLUDED

06 Box Contents



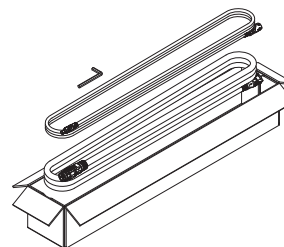
- 600mm Fitting
- Mounting Brackets (Integral)

12 Box Contents



- 1,200mm Fitting
- Mounting Brackets (Integral)

+ Run Box



- Allen Key
- Cable Plastic Caps
- Cable Kits

⚠ ATTENTION

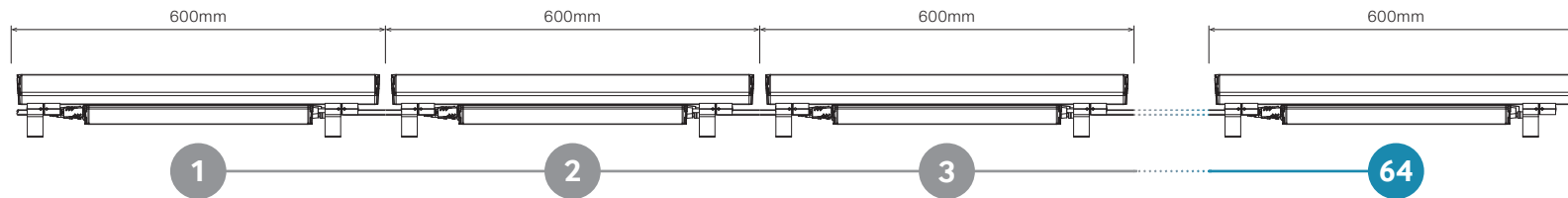
- Please observe / follow the instructions methodically.
- Please ensure the units are handled with extreme care.
- Do not remove product from packaging prematurely. Only remove from packaging when ready for installation.
- Failure to observe installation instructions and handling will void warranty 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	LxWxH DIMENSIONS
1 x 06 Luminaire	582 x 191 x 121mm
1 x 12 Luminaire	1,162 x 191 x 121mm
Run Box	Varies depending on quantity

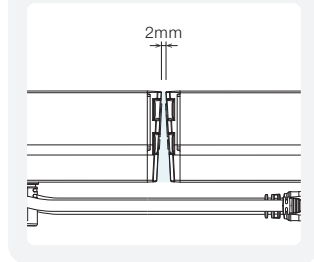
▪ INSTALLATION LIMITS @ 230VAC

06 Version

Maximum 64 x 600mm fittings per individual run.

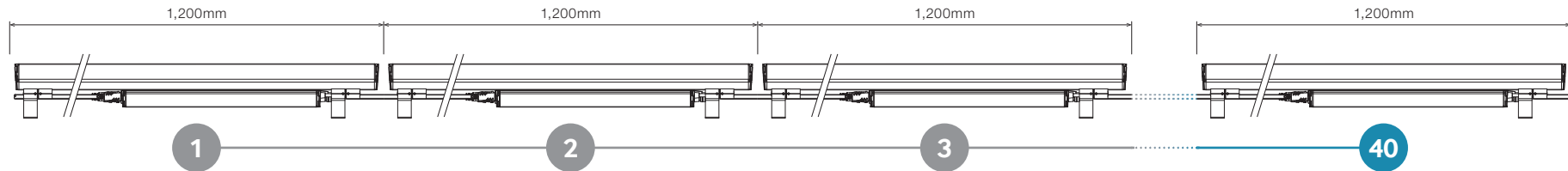


2mm distance between the ends of fittings to keep consistent LED pitch.



12 Version

Maximum 40 x 1,200mm fittings per individual run.



06 + 12 Version

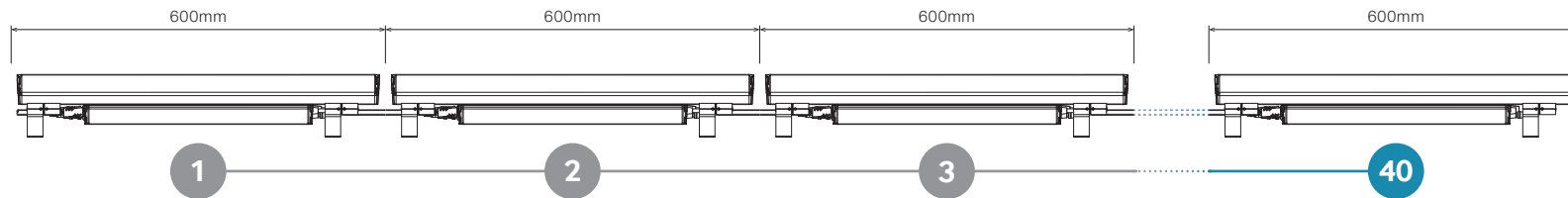
Installation limits when 600mm and 1,200mm units used in combination:

600mm Units	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Max 1,200mm Units	39	39	38	38	37	37	36	36	35	35	34	34	33	33	32	32	31	31	30	30	29	29	28	28	27	27	26	26	25	25	24	24	23	23	22	22	21	21	20	20
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64																
	19	19	18	18	17	17	16	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0																
1,200mm Units	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Max 600mm Units	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0

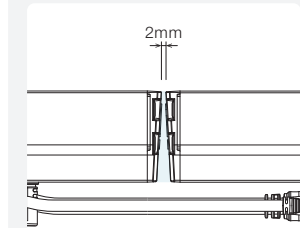
▪ INSTALLATION LIMITS @ 120VAC

06 Version

Maximum 40 x 600mm fittings per individual run.

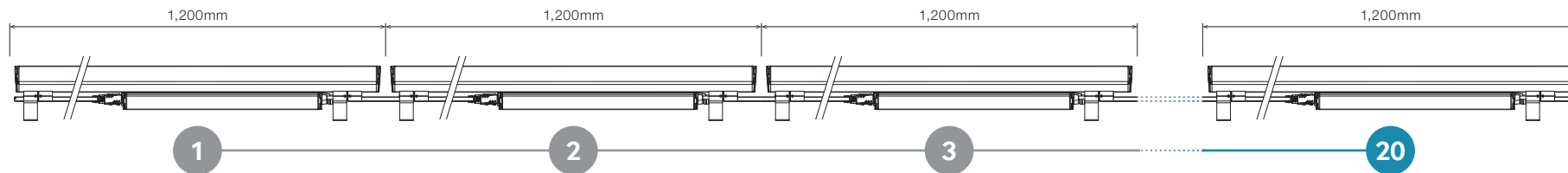


2mm distance between the ends of fittings to keep consistent LED pitch.



12 Version

Maximum 20 x 1,200mm fittings per individual run.



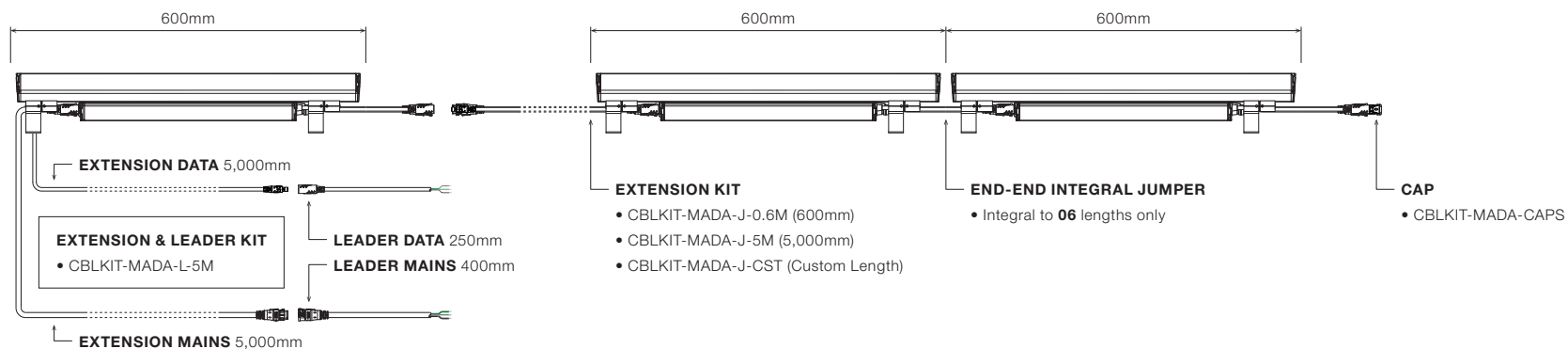
06 + 12 Version

Installation limits when 600mm and 1,200mm units used in combination:

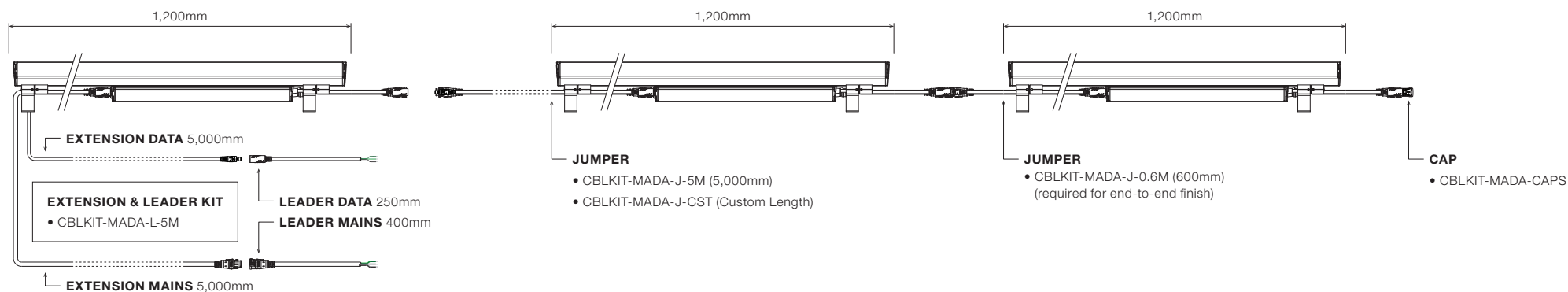
600mm Units	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Max 1,200mm Units	19	19	18	18	17	17	16	16	15	15	14	14	13	13	12	12	11	11	10	10	9	9	8	8	7	7	6	6	5	5	4	4	3	3	2	2	1	1	0	0
1,200mm Units	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																				
Max 600mm Units	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0																				

WIRING CONFIGURATION

06 Version



12 Version



MAINS Loom Wiring

Connector Pin-outs



Power Output
(Female)



Power Input
(Male)

① Active ② Neutral ③ Earth

DATA (DALI) Loom Wiring

DALI Single White



Control Output
(Female)



Control Input
(Male)

① DALI (+) ② DALI (-) ③ NC

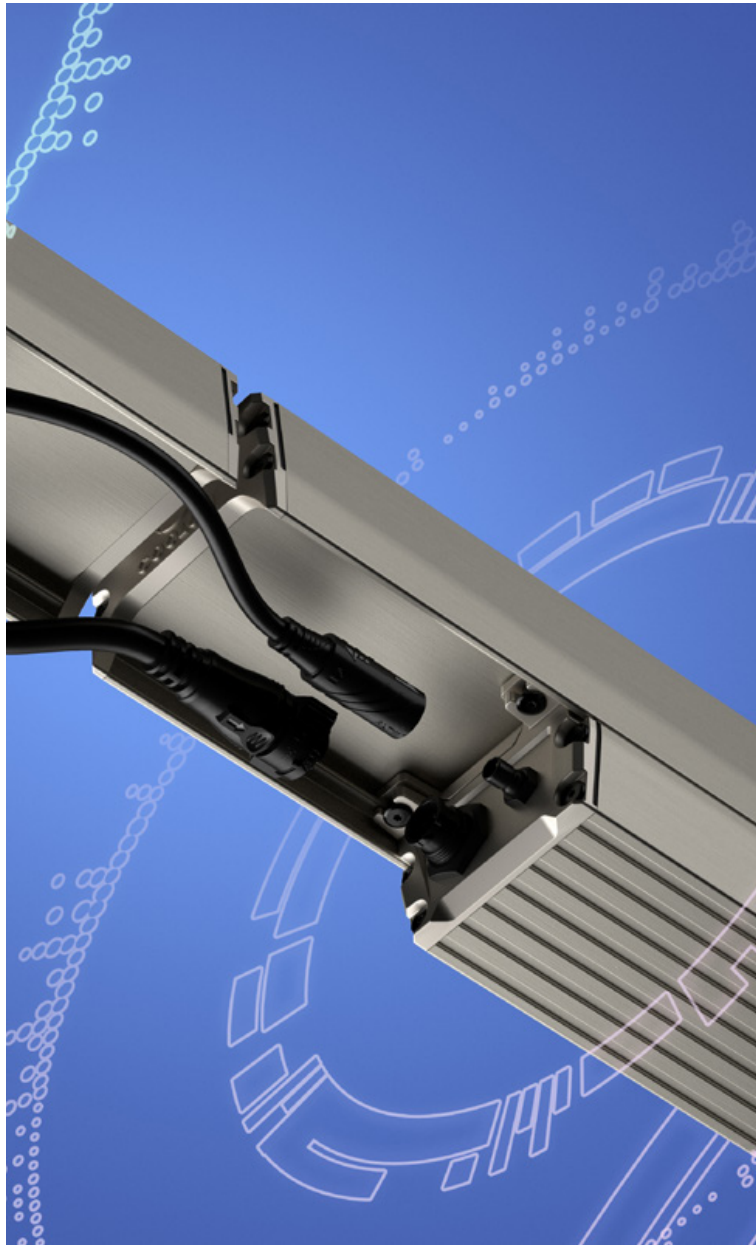
DATA (0 – 10V) Loom Wiring

0 – 10V Single White



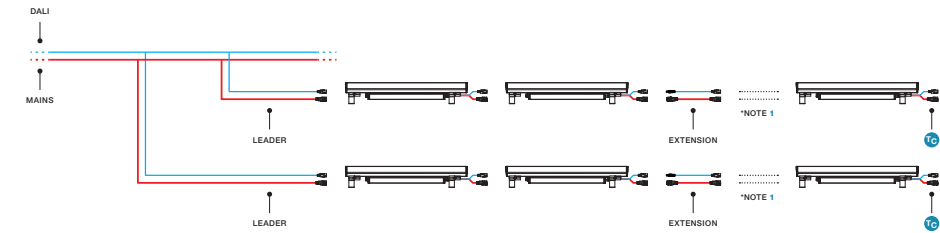
Control Input
(Male)

① 0-10V (+) ② 0-10V (-) ③ NC



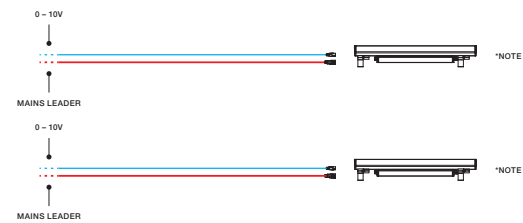
WIRING DIAGRAMS

DALI INSTALLATION



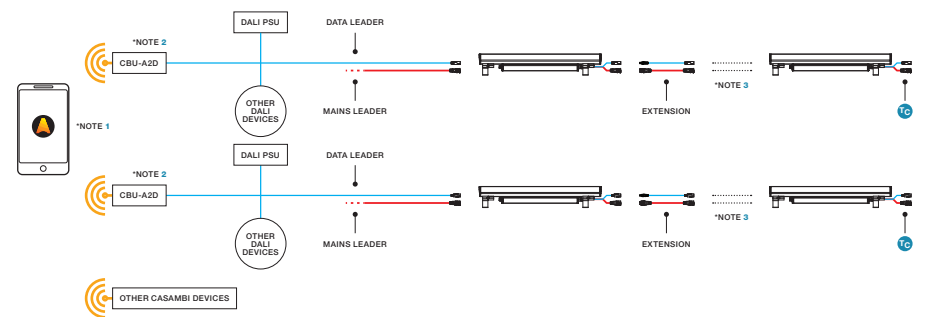
¹ Control limits defined by the DALI system

0-10V INSTALLATION



¹ Single luminaire control

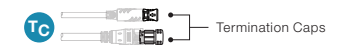
CASAMBI INSTALLATION



¹ Please refer to Casambi's documentation about system limits and range

² Please refer to CBU-A2D documentation for reference

³ Control limits defined by the DALI system

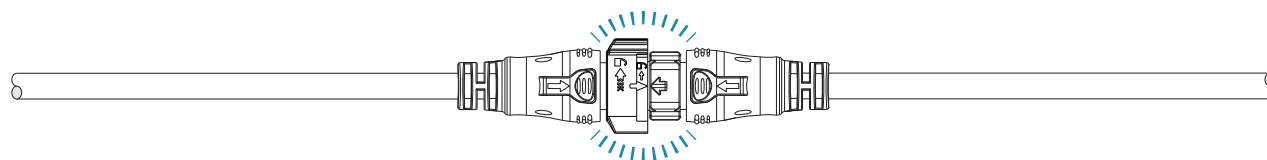
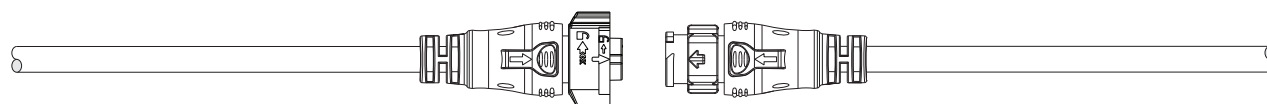
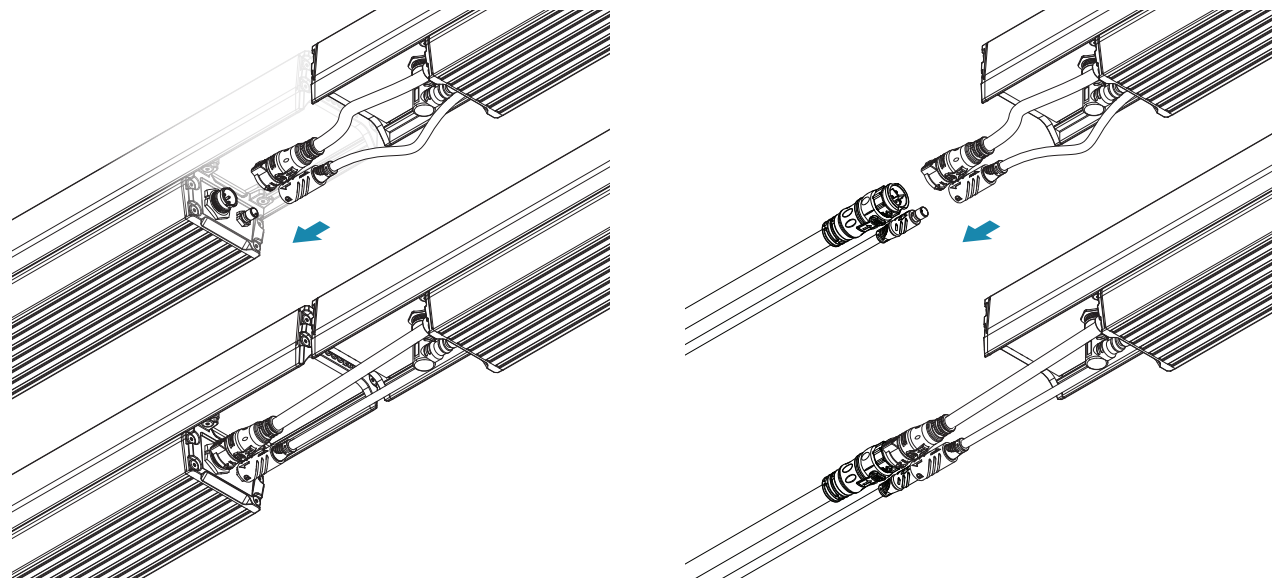


CONNECTION

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

Consider both fitting lengths 600mm and 1,200mm.

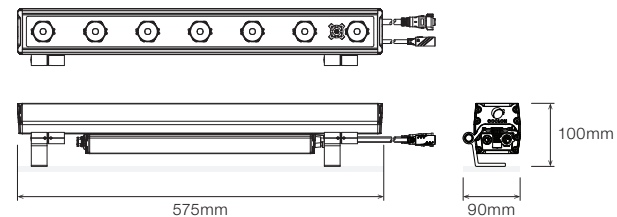
Ensure you have enough extensions and required extra links for 1,200mm luminaires as well as leader cables and caps.



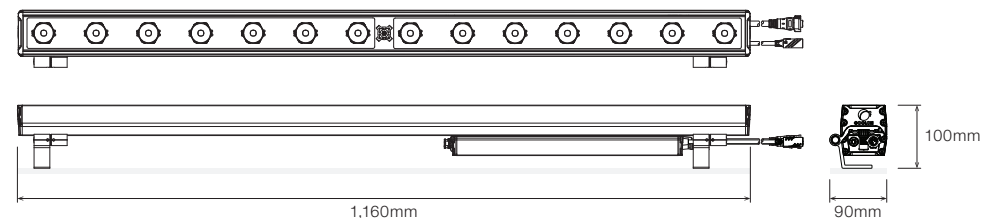


▪ DIMENSIONS

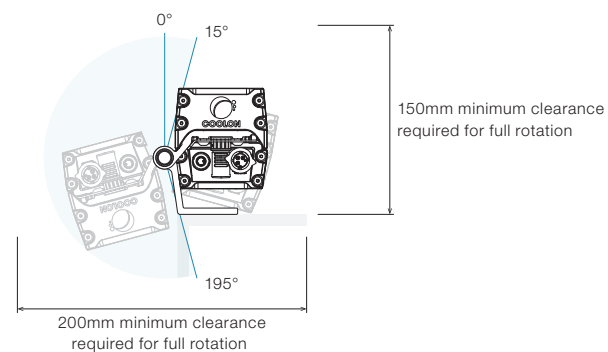
06 Version



12 Version



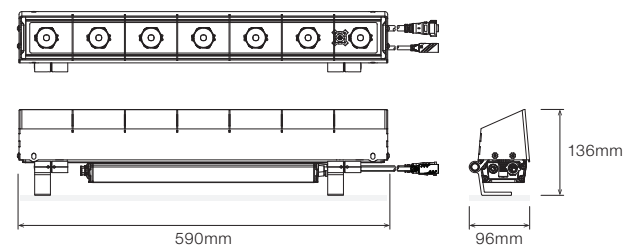
▪ ROTATION WITH MOUNTING BRACKETS



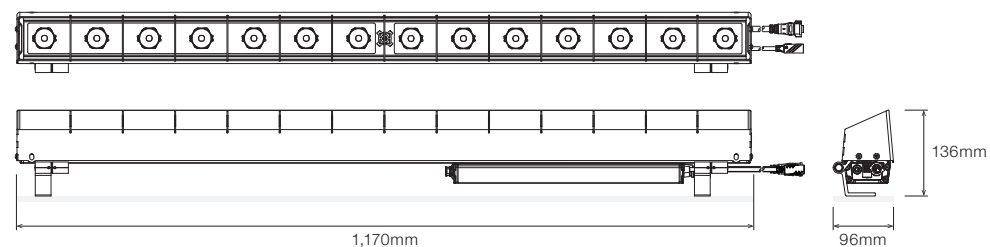


▪ DIMENSIONS WITH GLARE SHIELD

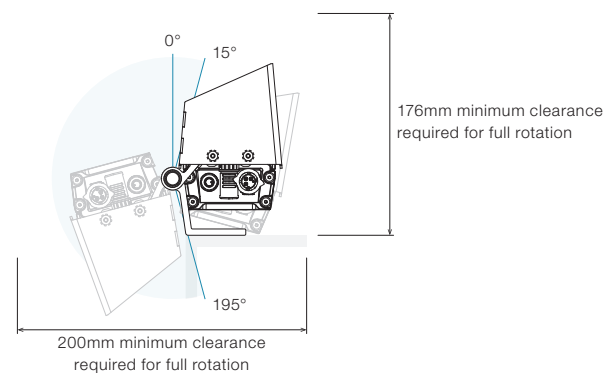
06 Version



12 Version



▪ ROTATION WITH MOUNTING BRACKETS + GLARE SHIELD





▪ MOUNTING FOOTPRINTS

06 Version



12 Version



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

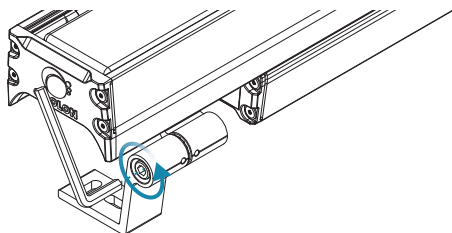
MOUNTING BRACKET MATERIAL:
Aluminium

APPLICATION:
Low vibration

ADJUSTING THE MOUNTING BRACKET

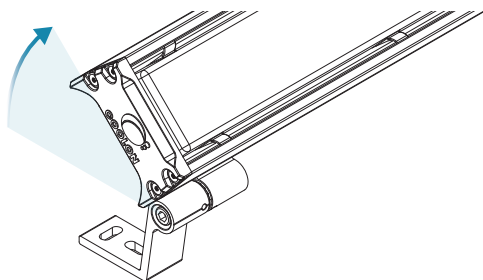
STEP 1

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



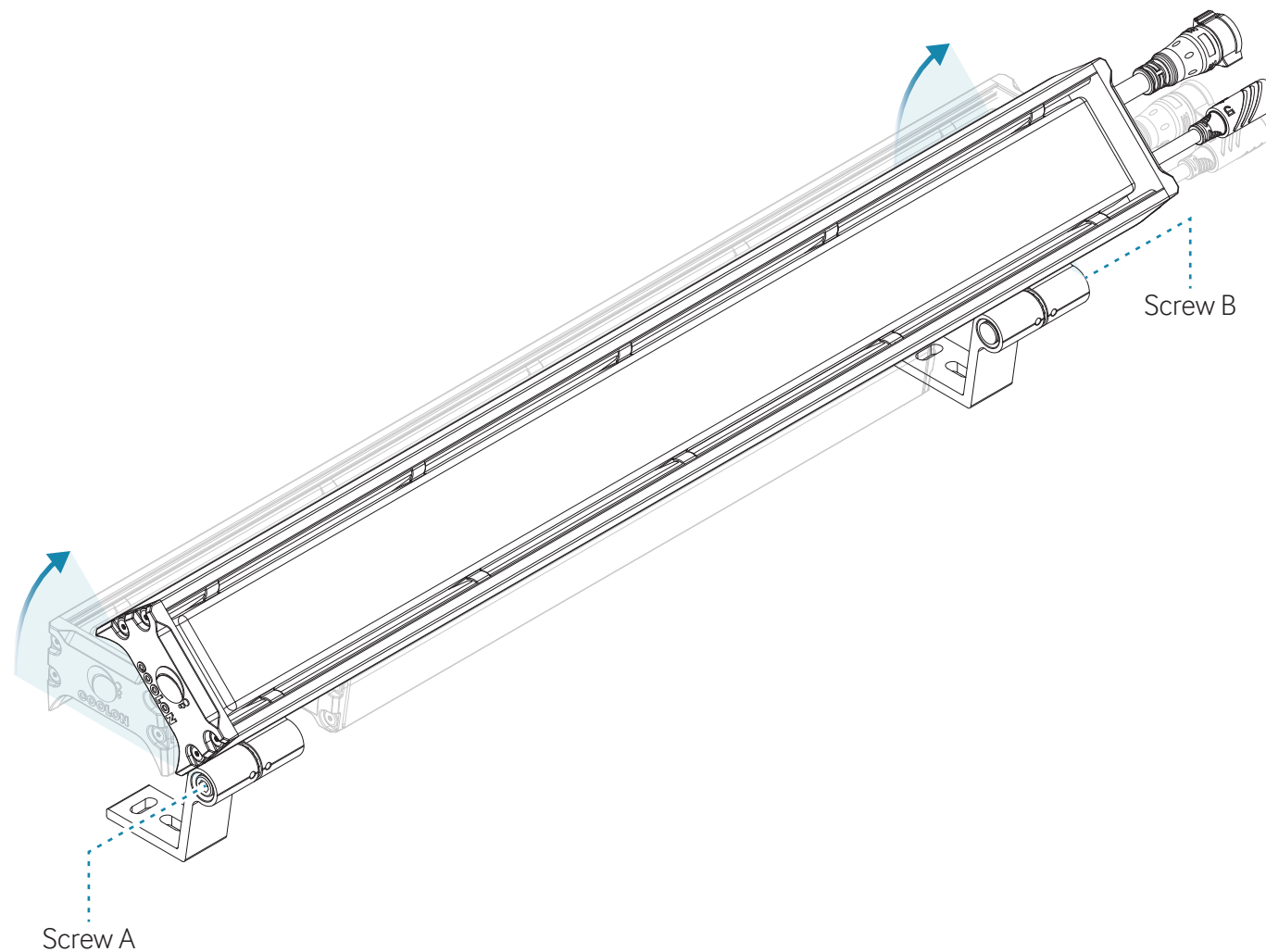
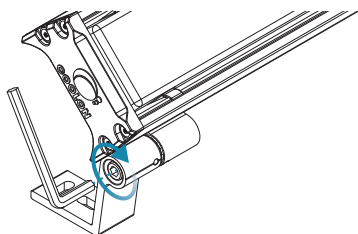
STEP 2

Rotate the luminaire to your desired angle.



STEP 3

Tighten **Screws A** and **B** clockwise to lock into position (4 – 5Nm).



LUMINAIRE SAFETY LANYARD PROVISIONS

Please utilize provisioned apertures if safety lanyards are required in the installation.

