

UK Installation instructions

DE Montageanleitung

CZ Montážní návod

DK Monteringsvejledning

EE Paigaldusjuhend

FI Asennusohje

FR Notice de montage

HU Szerelési útmutató

IT Istruzioni di montaggio

LT Montavimo Instrukcijos

LV Instalācijas instrukcija

NO Monteringsanvisning

PL Instrukcja montażu

SE Installationsanvisning

RU ИНСТРУКЦИЯ ПО МОНТАЖУ

TYPE : ALTIS LED 132L-264L-396L

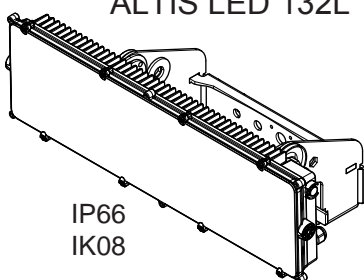


The luminaire with clear optic should be positioned so that prolonged staring into the luminaire at a distance <2m is not expected

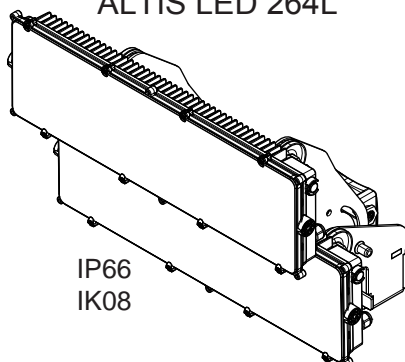
Caution, risk of electric shock
Danger, risque de chocs électriques



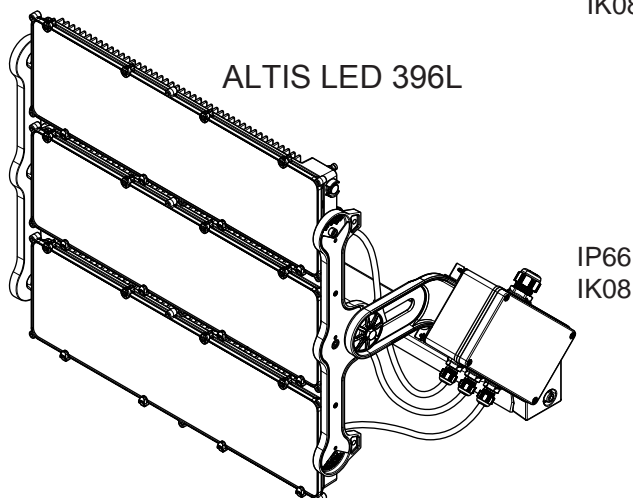
ALTIS LED 132L



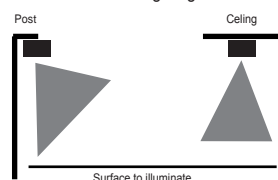
ALTIS LED 264L



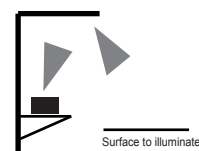
ALTIS LED 396L



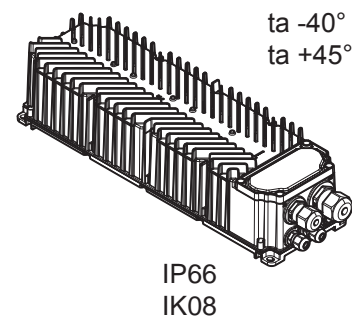
Direct lighting



Indirect lighting



Gear box 264L / 396L



CLASS I

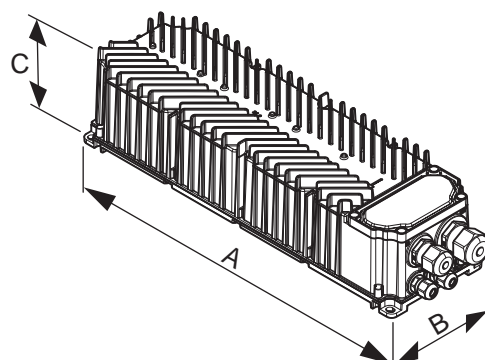


7/22/24/33/36/42



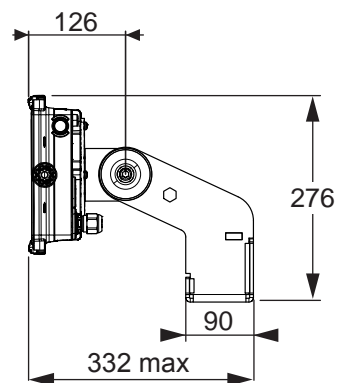
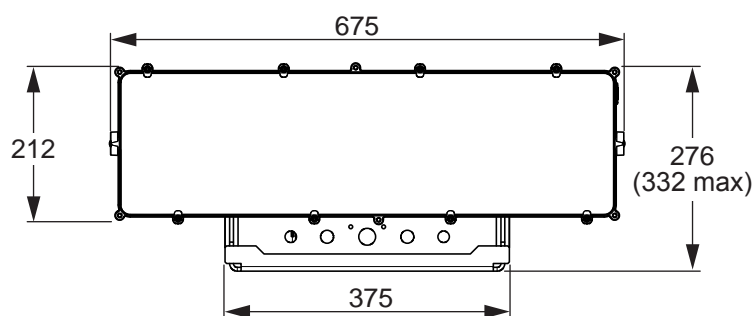
1

Gear box IP66
264L / 396L

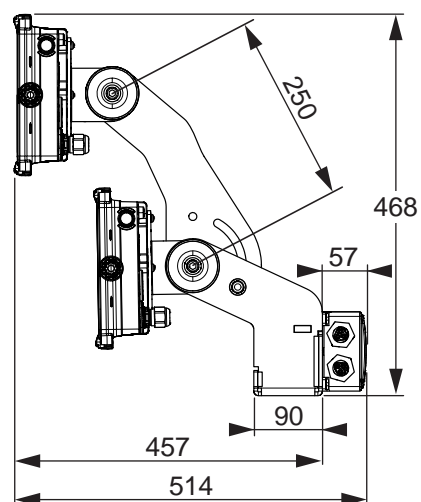
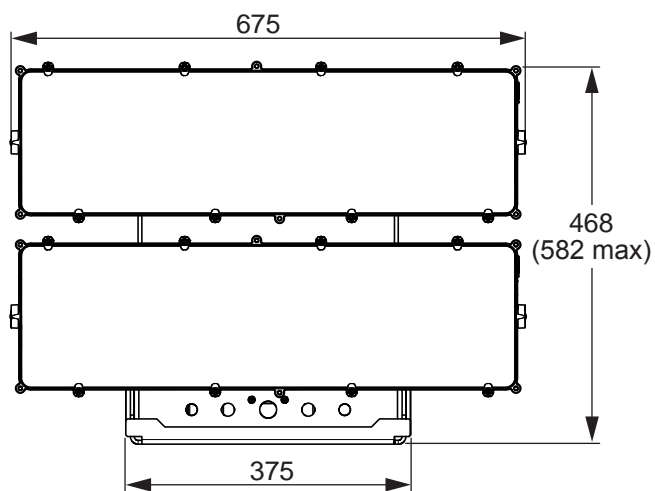


Gear box	A	B	C	(kg)
264L	500	150	120	5.4
396L	500	150	120	6.1

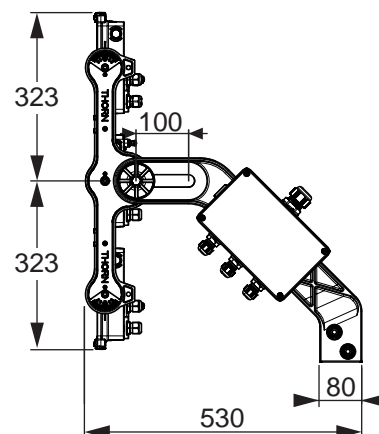
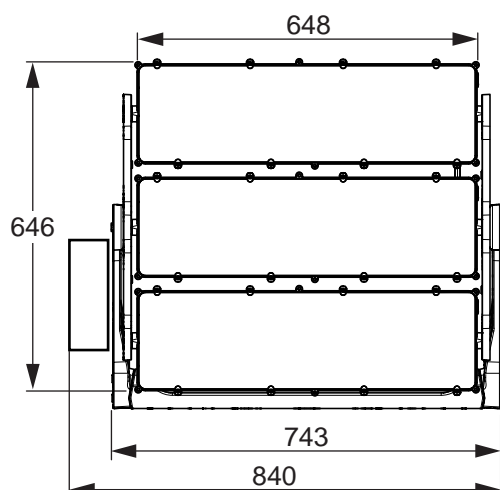
ALTIS LED 132L

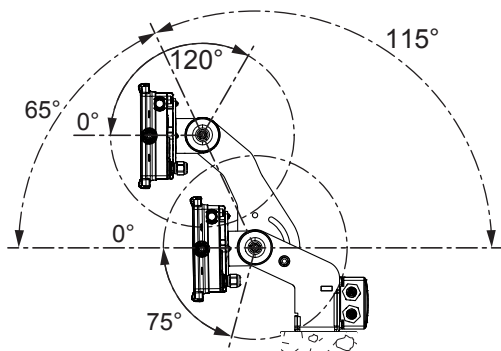
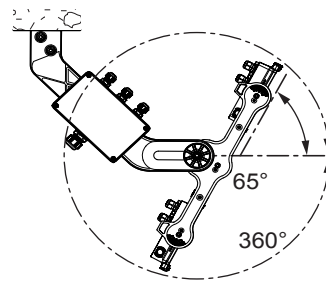
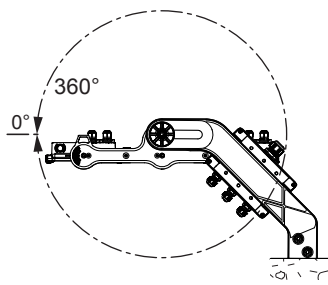
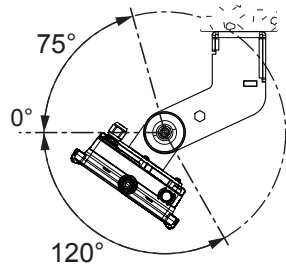
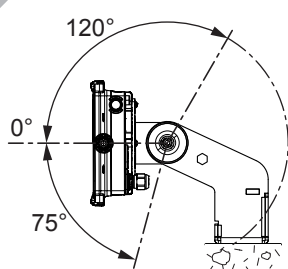


ALTIS LED 264L



ALTIS LED 396L



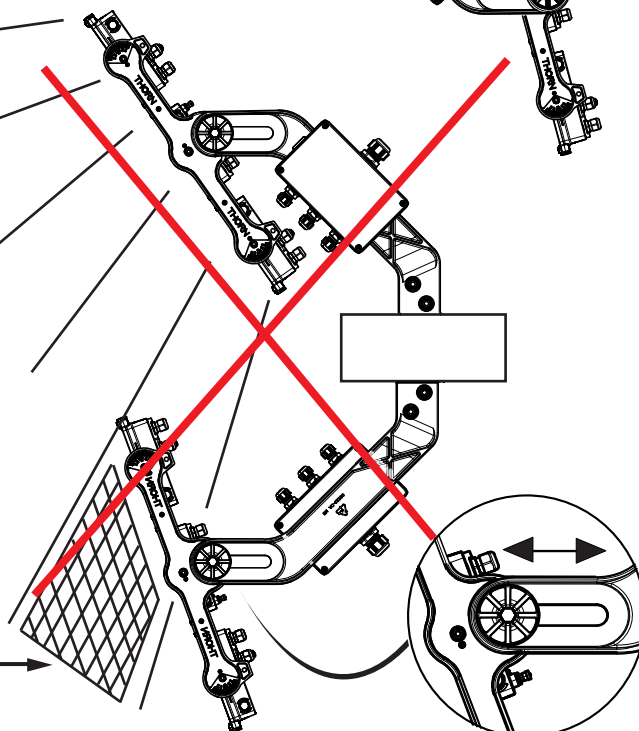
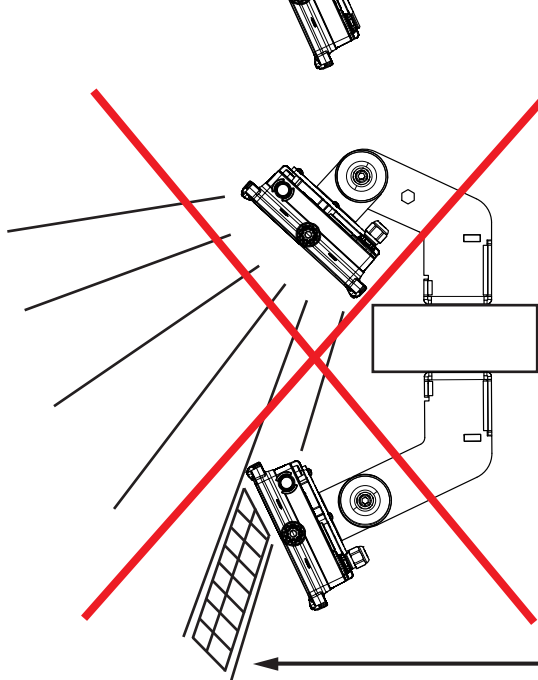
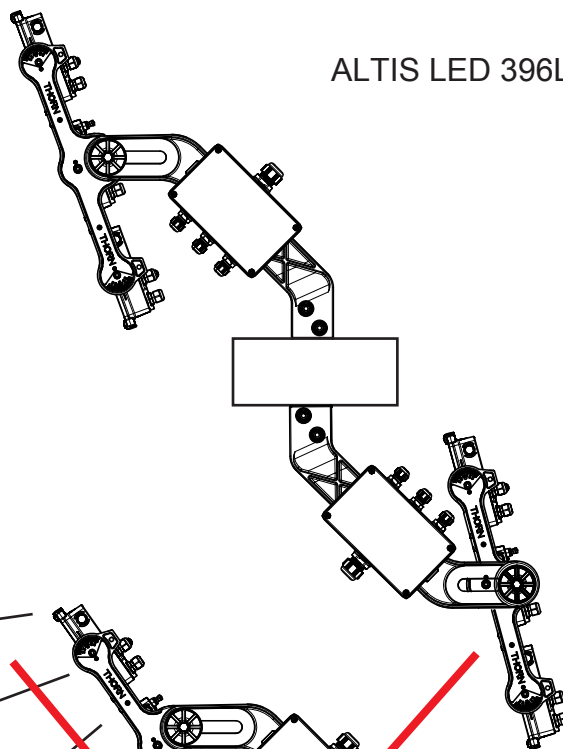
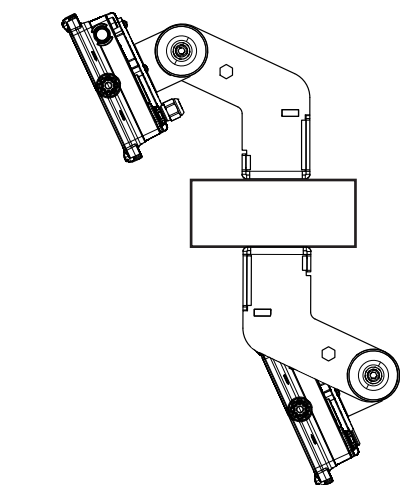


		S _C X 0° *	S _C X 15° *	S _C X 45° *	S _C X 65° *	Weight
ALTIS	132L	0,07	0,08	0,09	0,13	9,6 kg
	264L	0,07	0,10	0,20	0,27	18,4 kg
	396L	0,158	0,167	0,339	0,446	30,7 kg

* These data refer to the worst case at indicated angle

ALTIS LED 132L / 264L

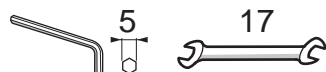
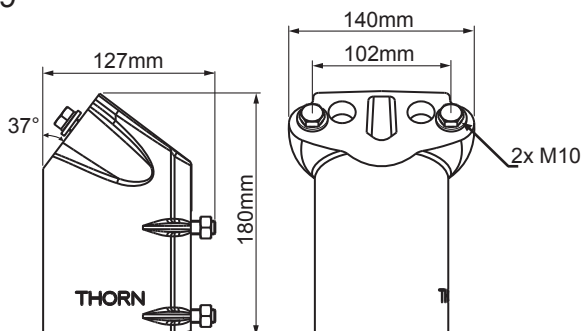
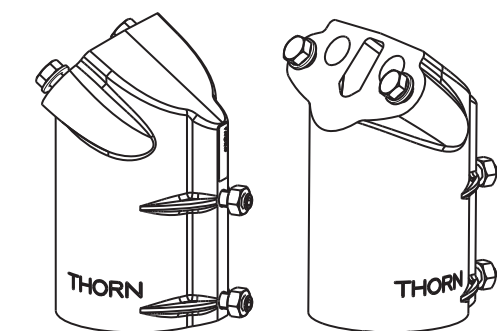
ALTIS LED 396L



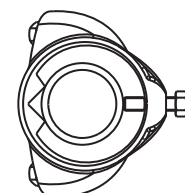
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MTP 60MM : Code 96274660

MTP 76MM : Code 96274659

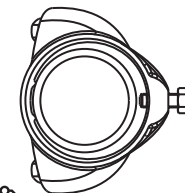


MTP 60MM



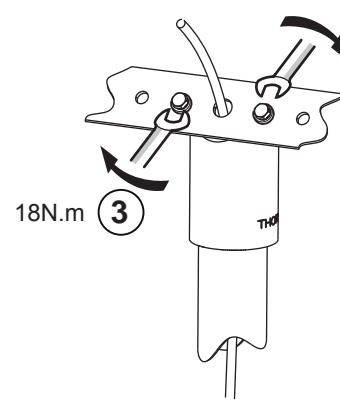
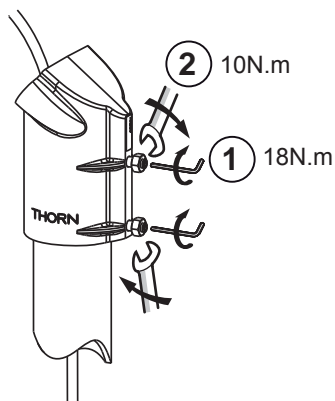
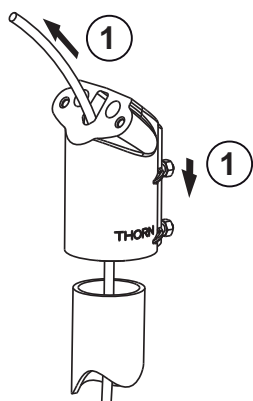
1,66kg

MTP 76MM

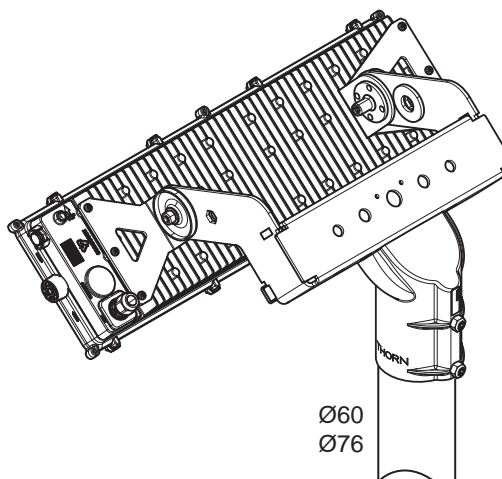
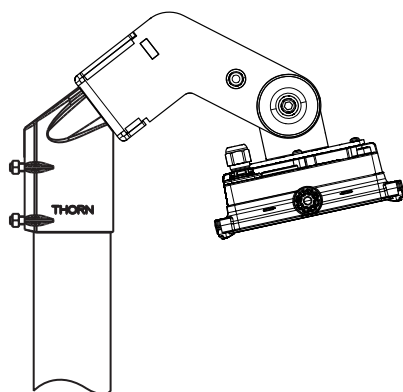
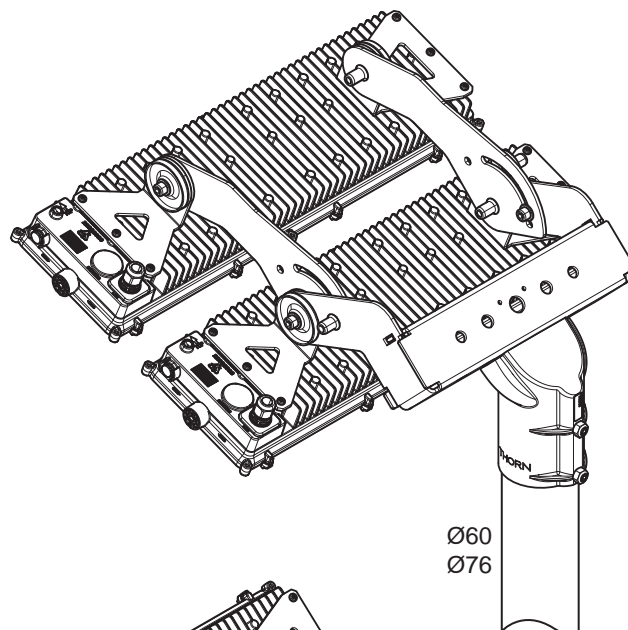
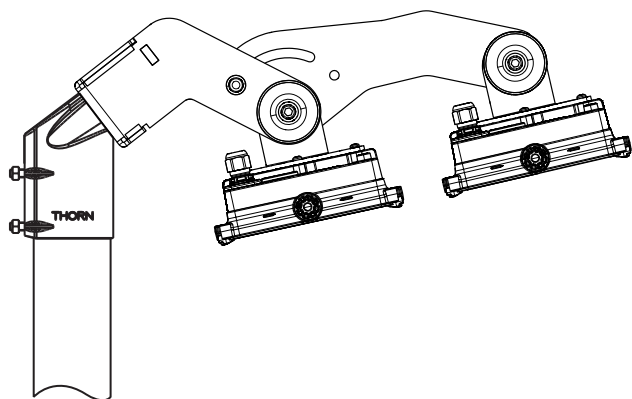


1,60kg

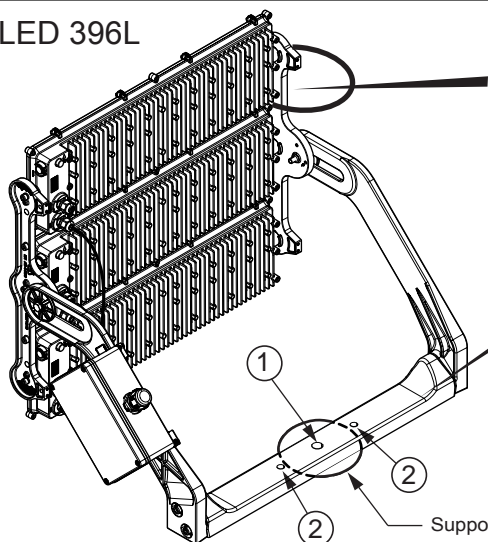
5



6



7 ALTIS LED 396L

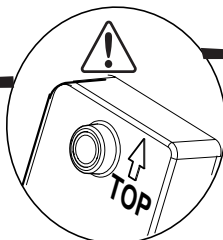
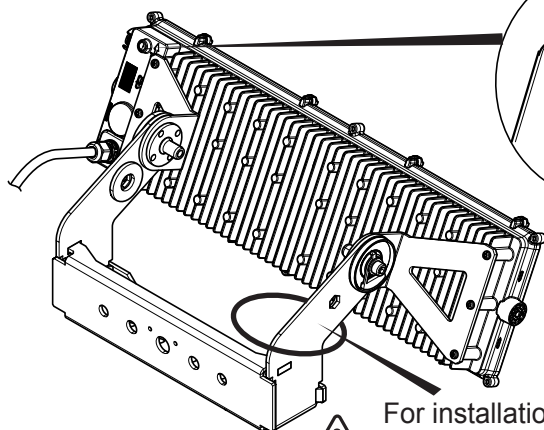


For installation higher >3m
Secure product with retaining cable
attached to the frame

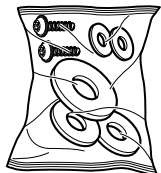
- ① 1x M20 with extra large washer (not provided)
or
- ② 2x M14 with extra large washer (not provided)

Support surface Ø250 mm minimum

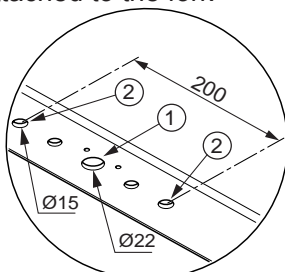
8 ALTIS LED 132L



For installation higher >3m
Secure product with retaining cable
attached to the fork

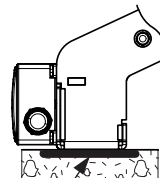
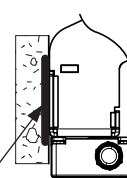
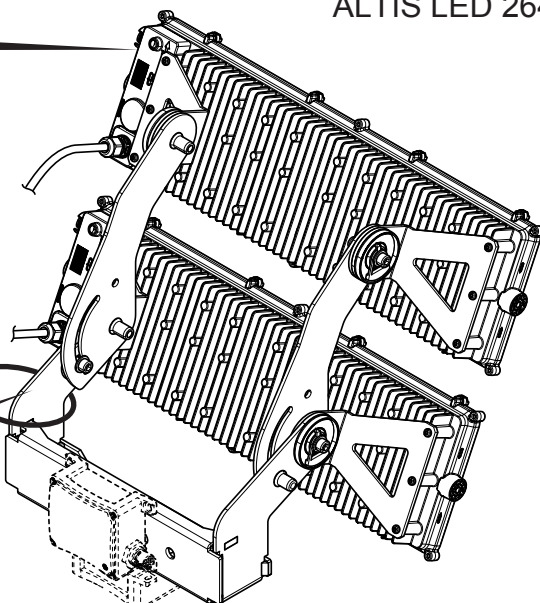


- ① 1x M20 with extra large washer provided
or
- ② 2x M14 with extra large washer provided

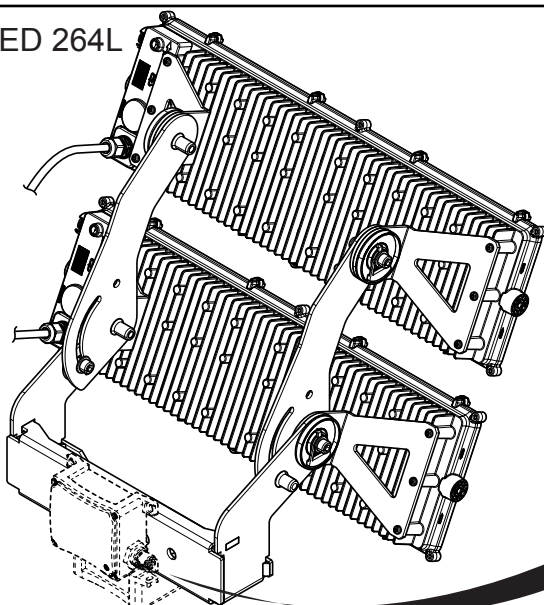


Support surface Ø250 mm minimum

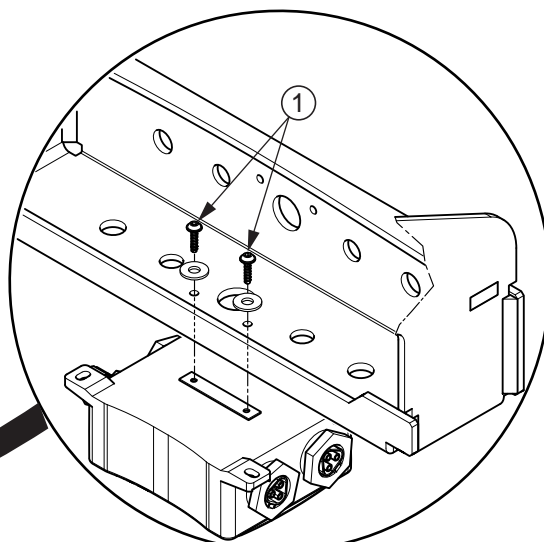
ALTIS LED 264L



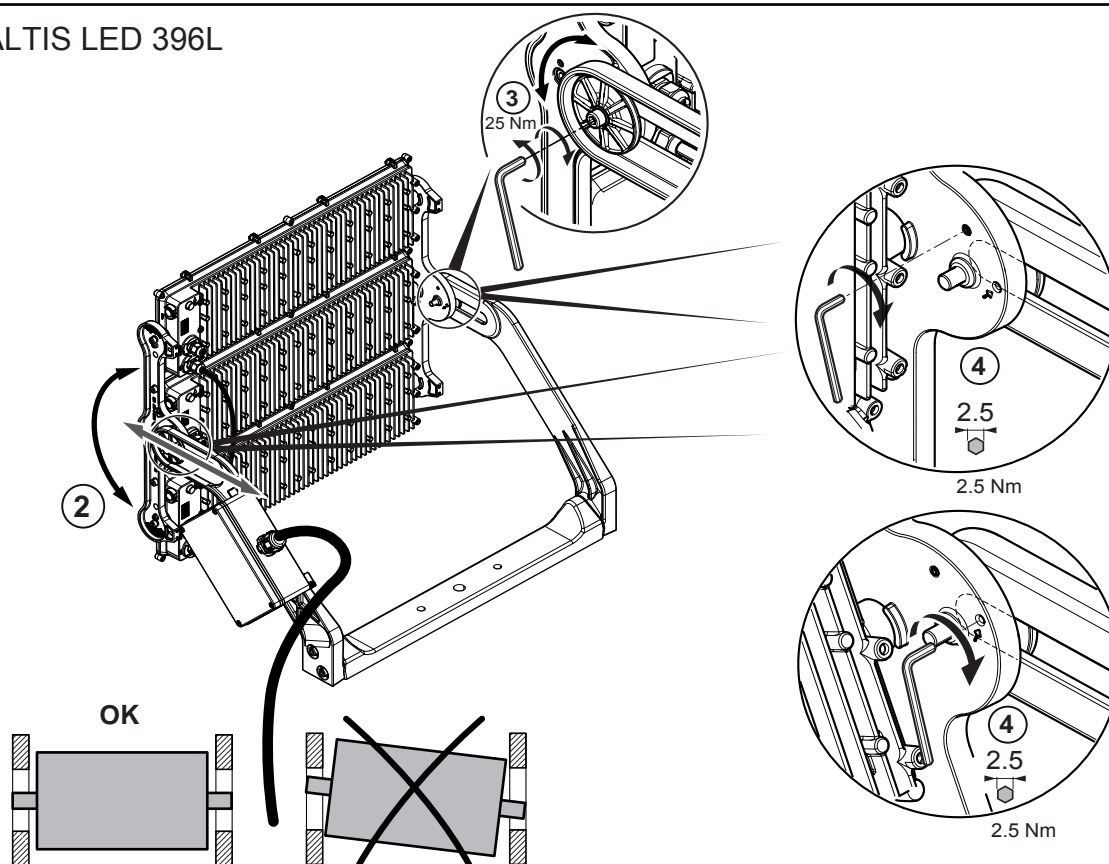
9 ALTIS LED 264L



- ① Screw 2x K4 for connection box fixing
on the fork provided



10 ALTIS LED 396L

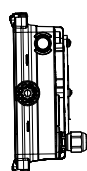


11

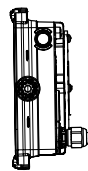
ALTISLEDG3 396L NBMBWB 740

Top brick
Middle brick
Bottom brick

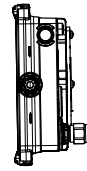
NB
Narrow Beam
8°



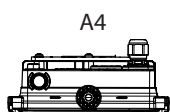
MB
Medium Beam
20°



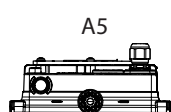
WB
Wide Beam
40°



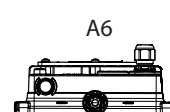
For asymmetric, beam direction indicated by the arrow



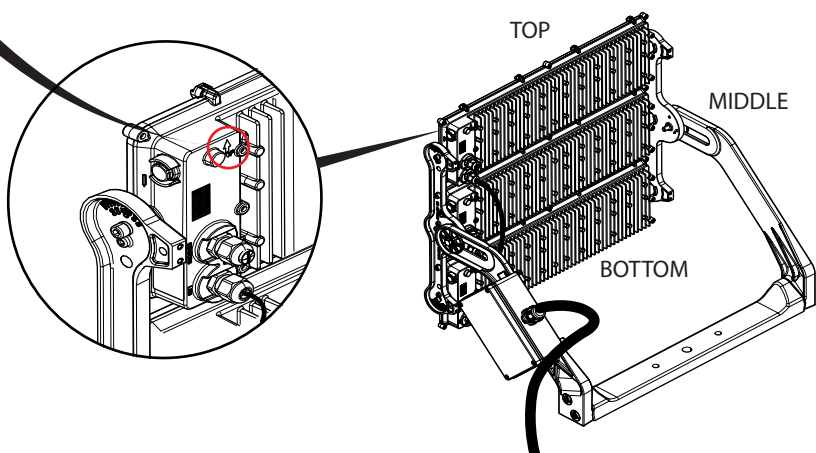
40°



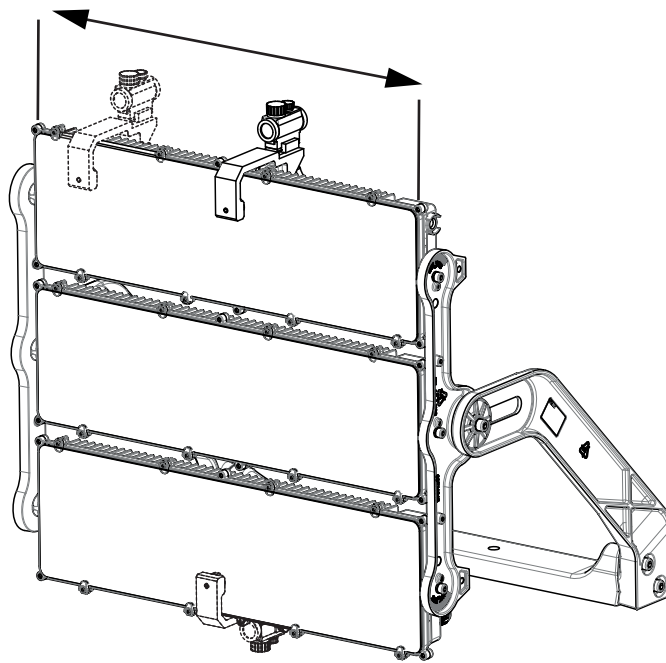
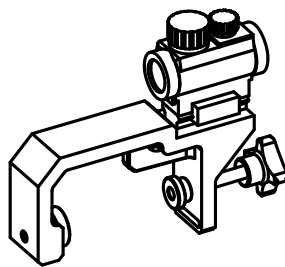
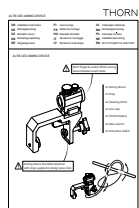
50°



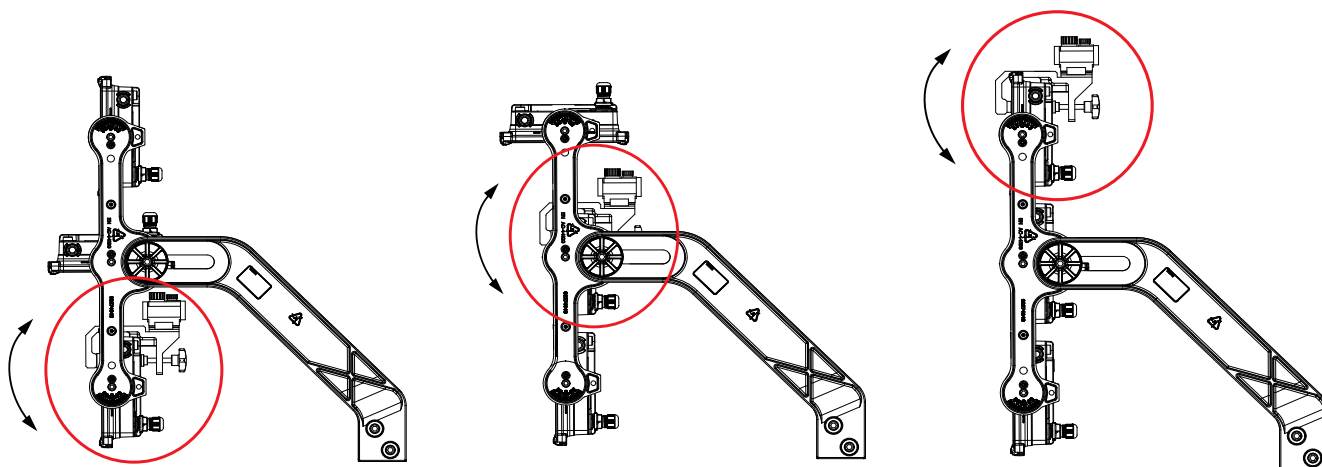
60°



REF : 96272658

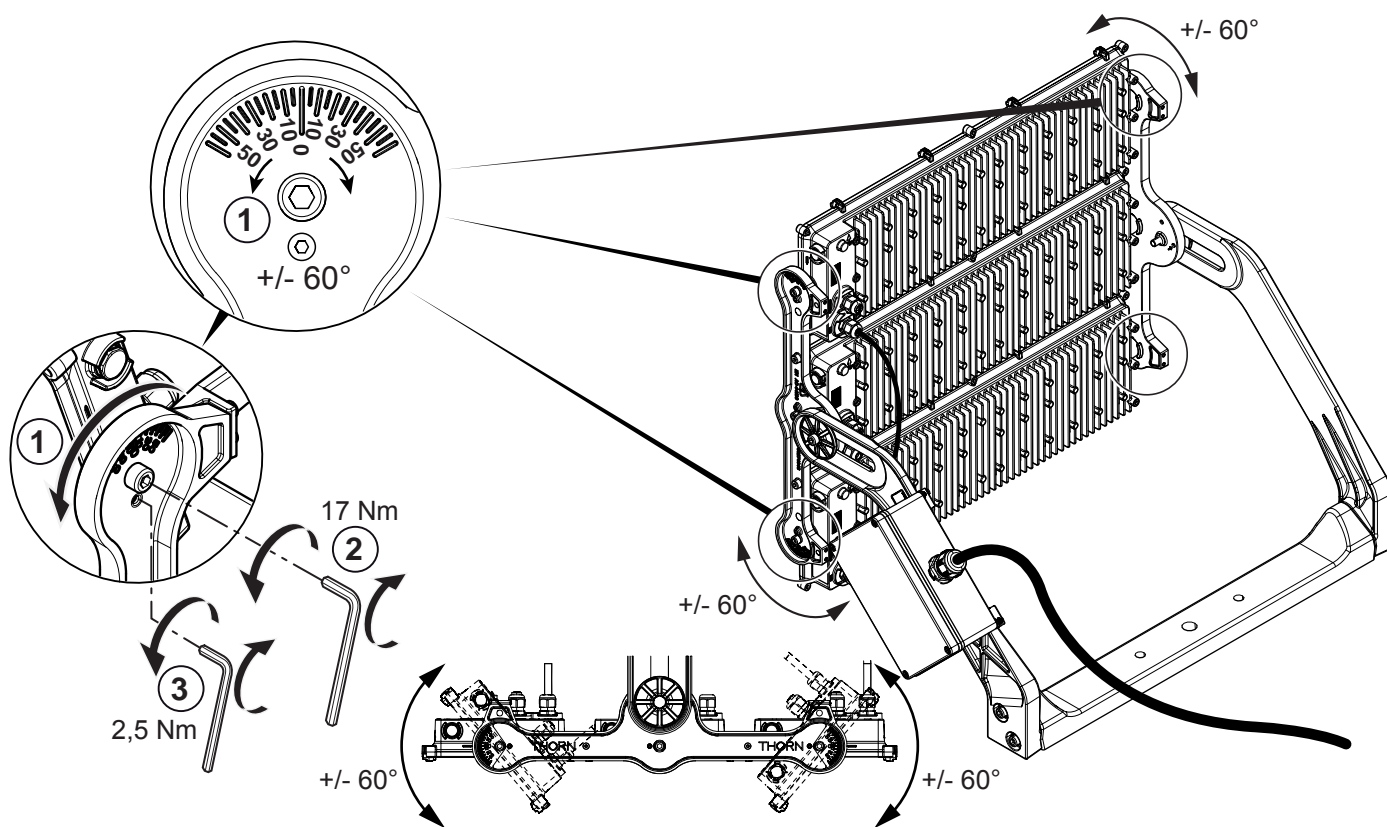


To adjust bricks only by one



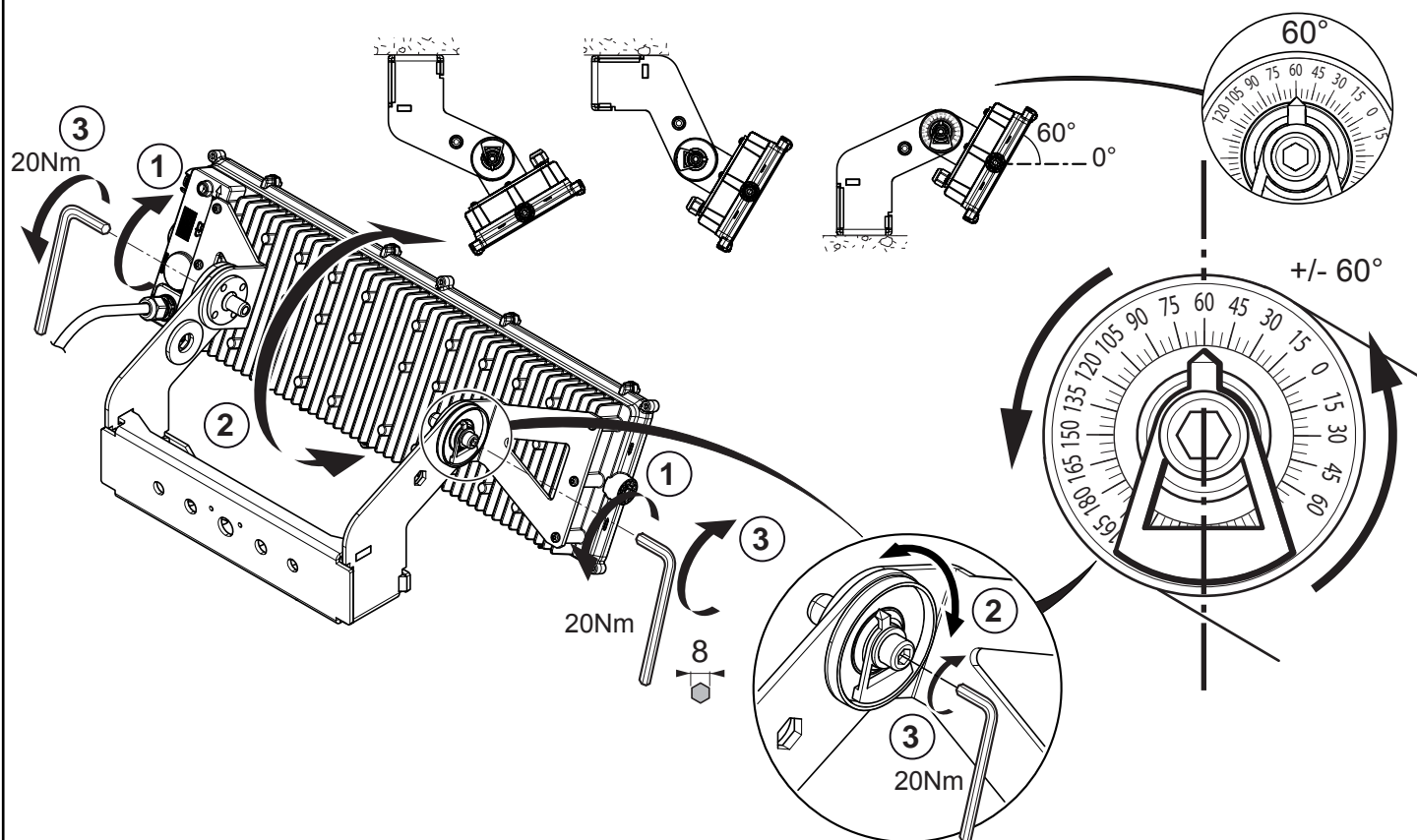
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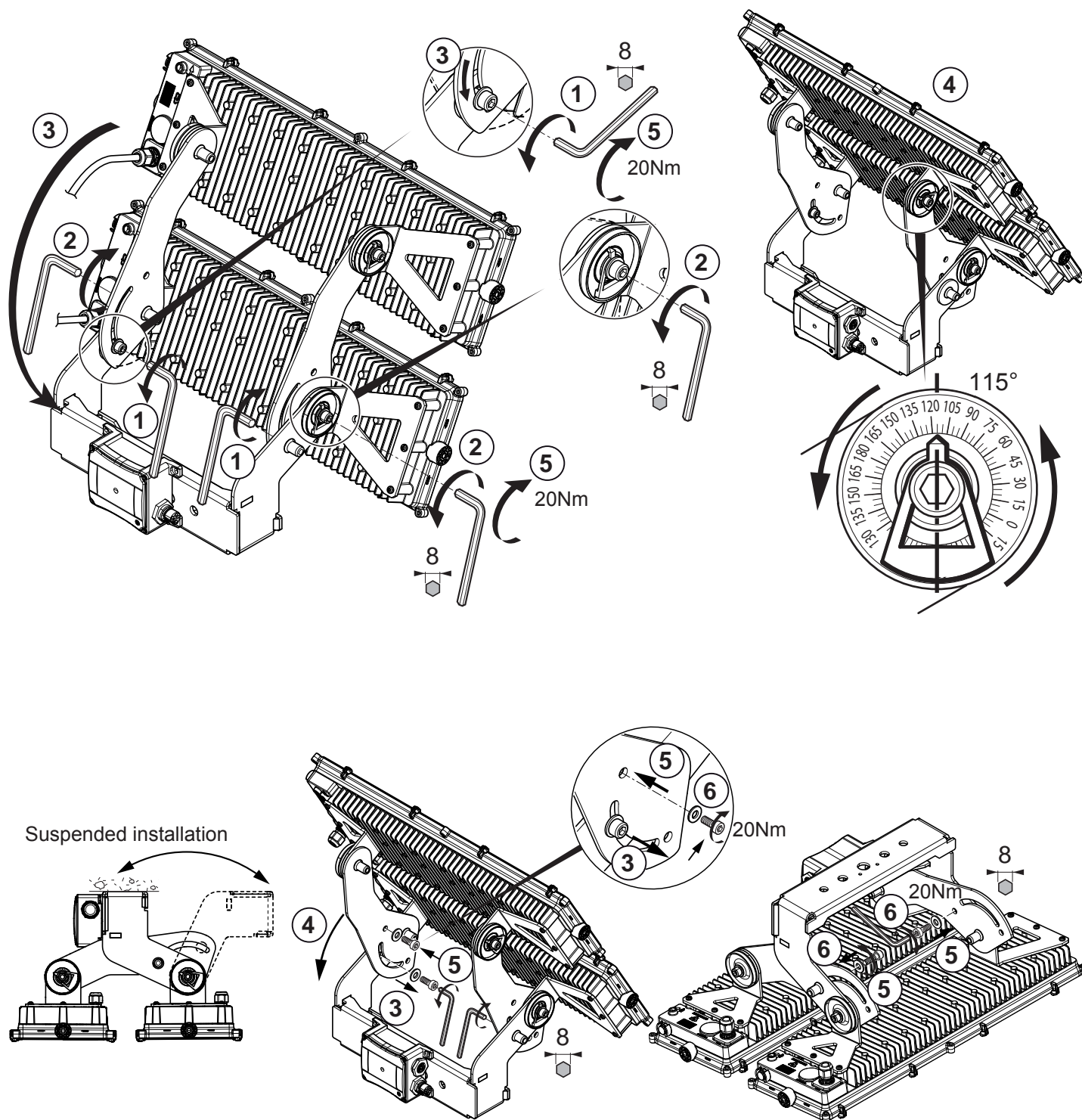
ALTIS LED 396L

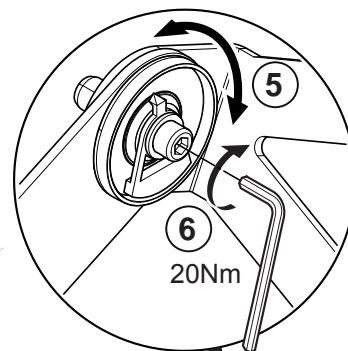
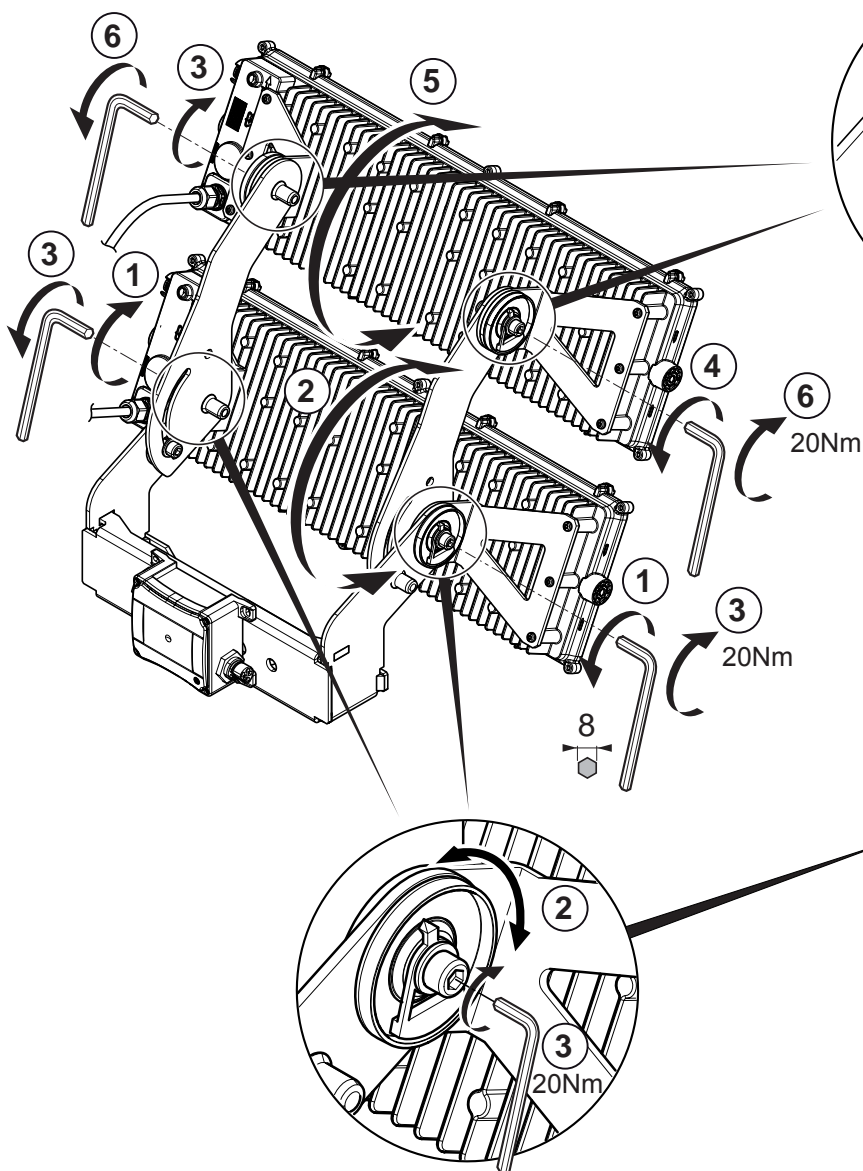
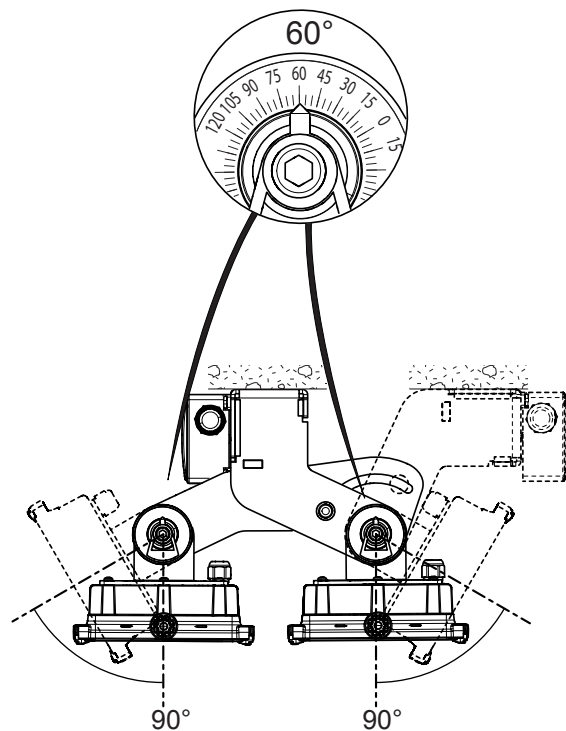
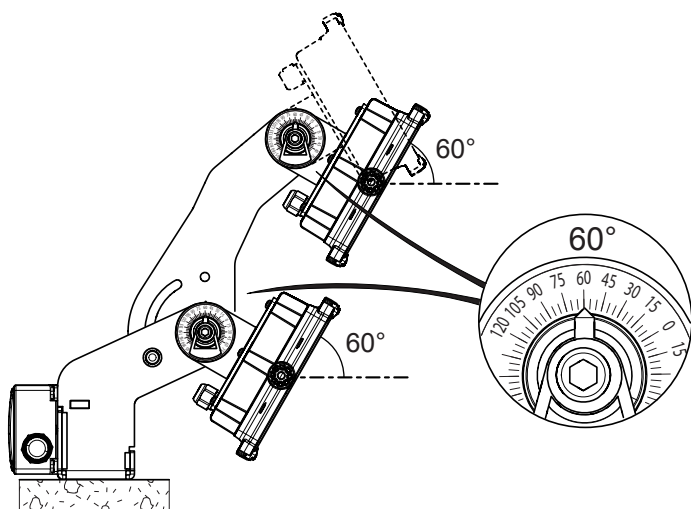


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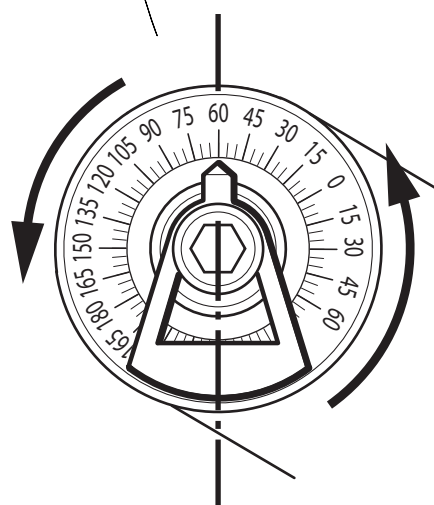
ALTIS LED 132L

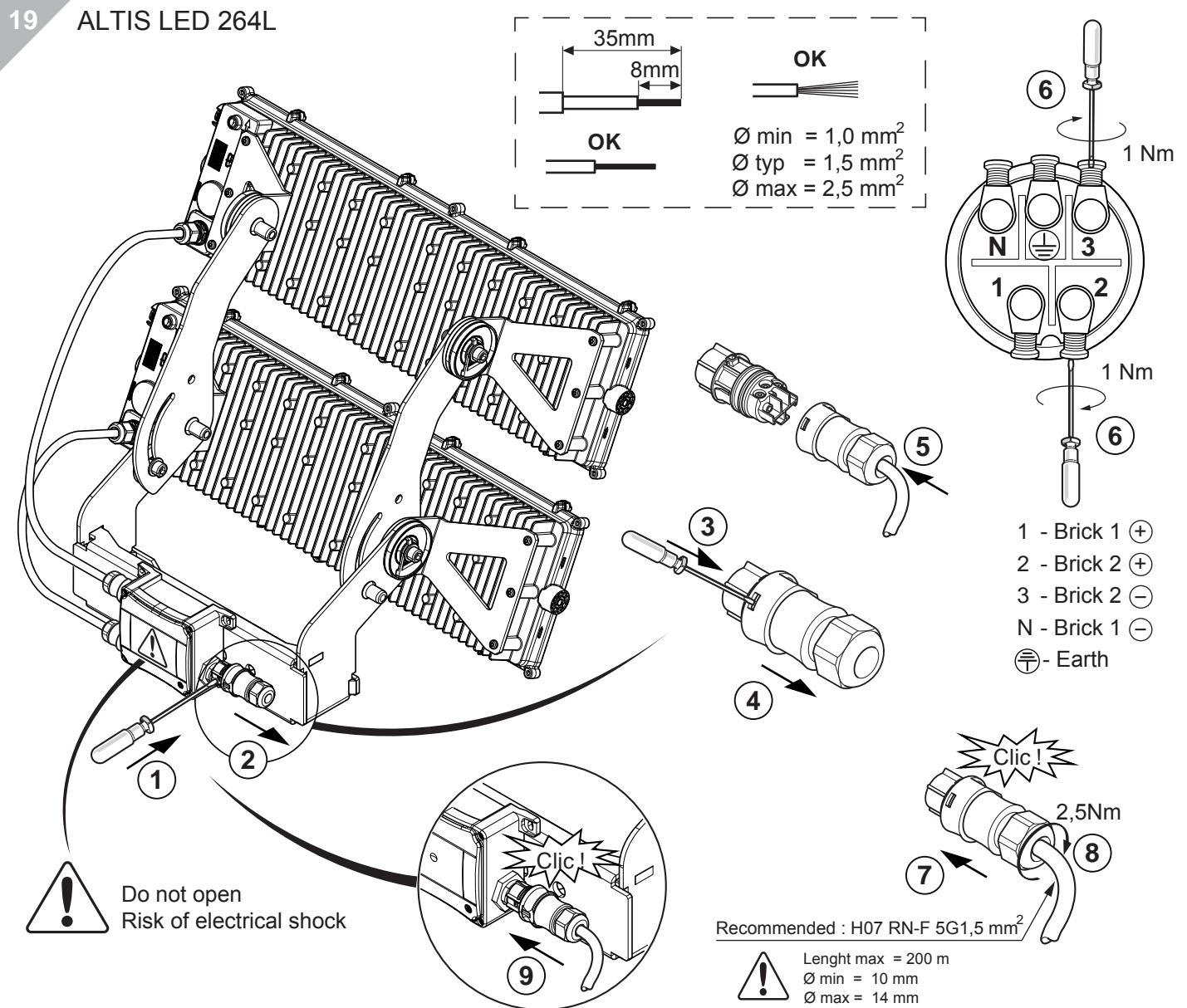
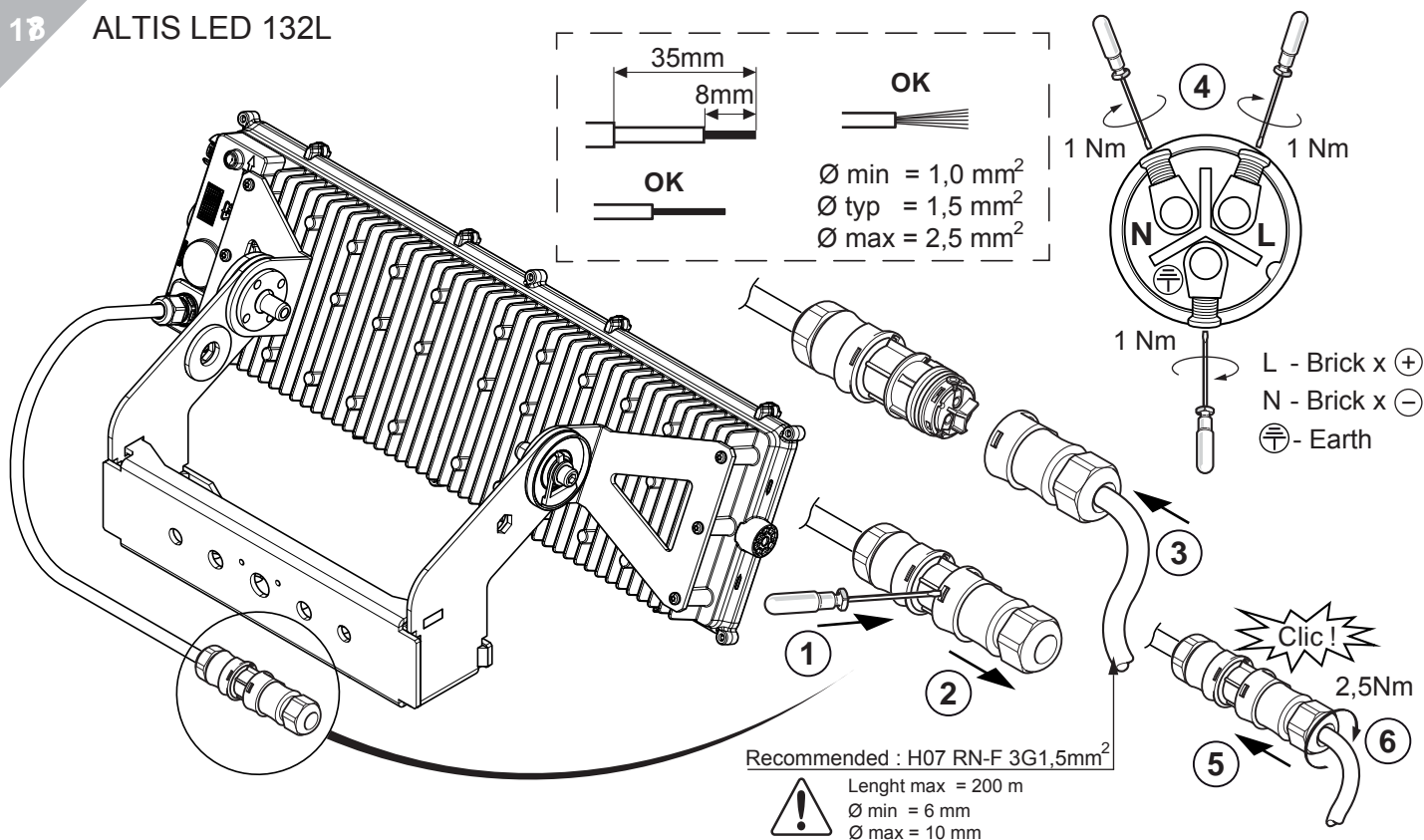




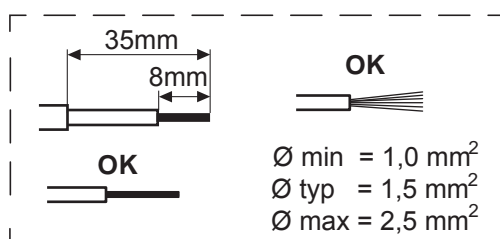
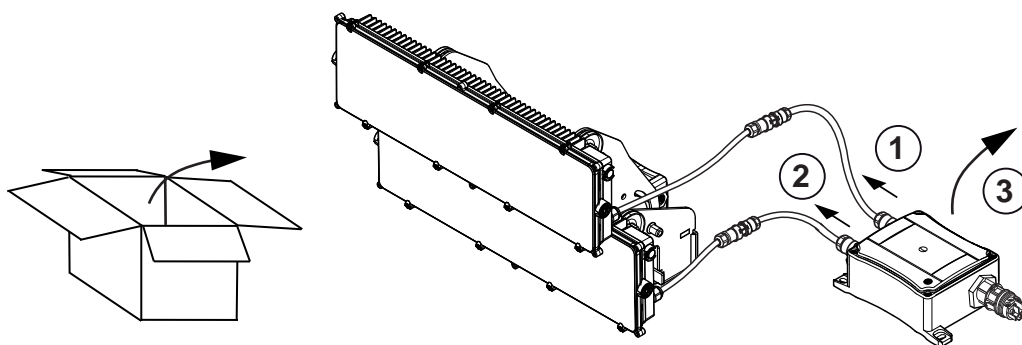


Brick orientation





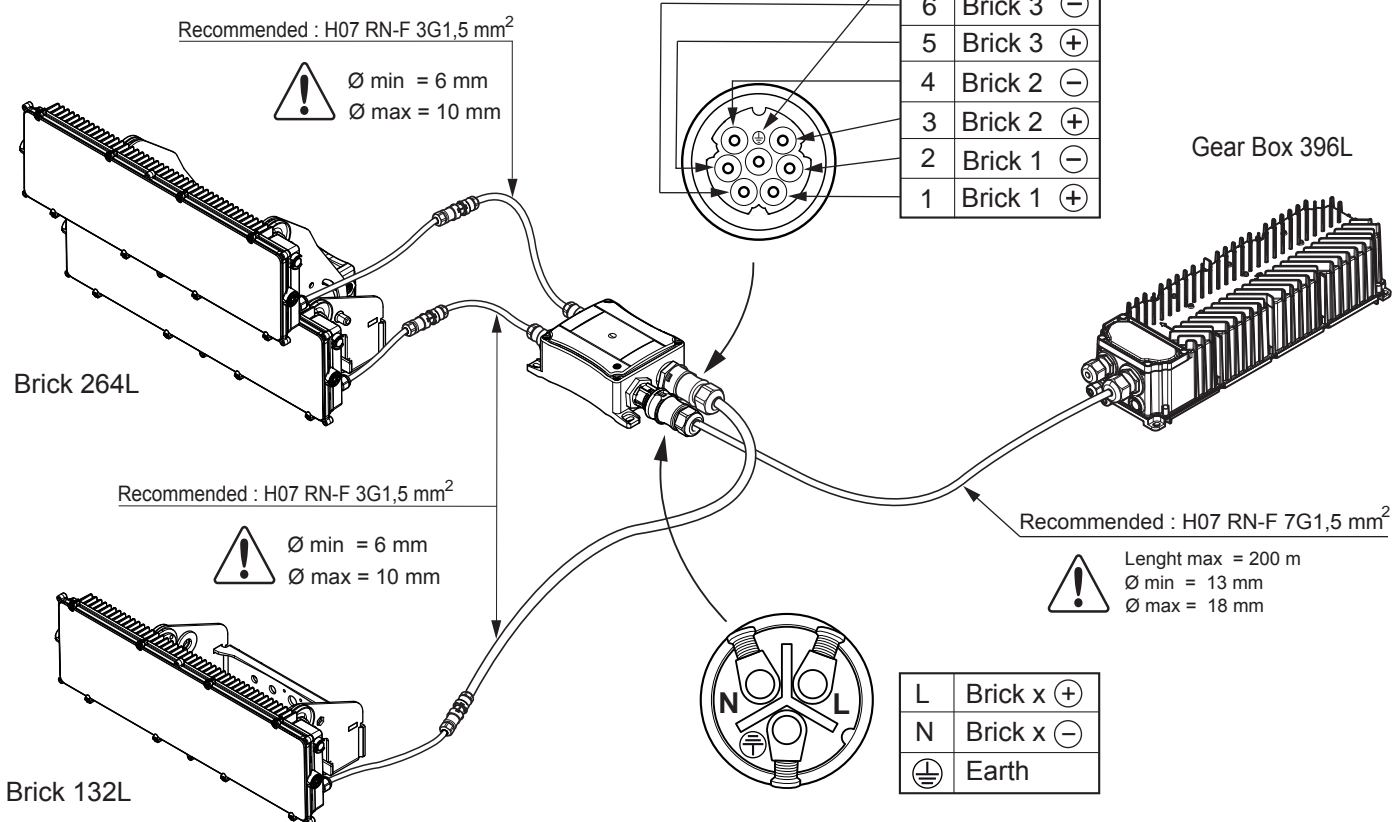
1x ALTIS 264L and 1x ALTIS 132L ELECTRICAL CONNECTION

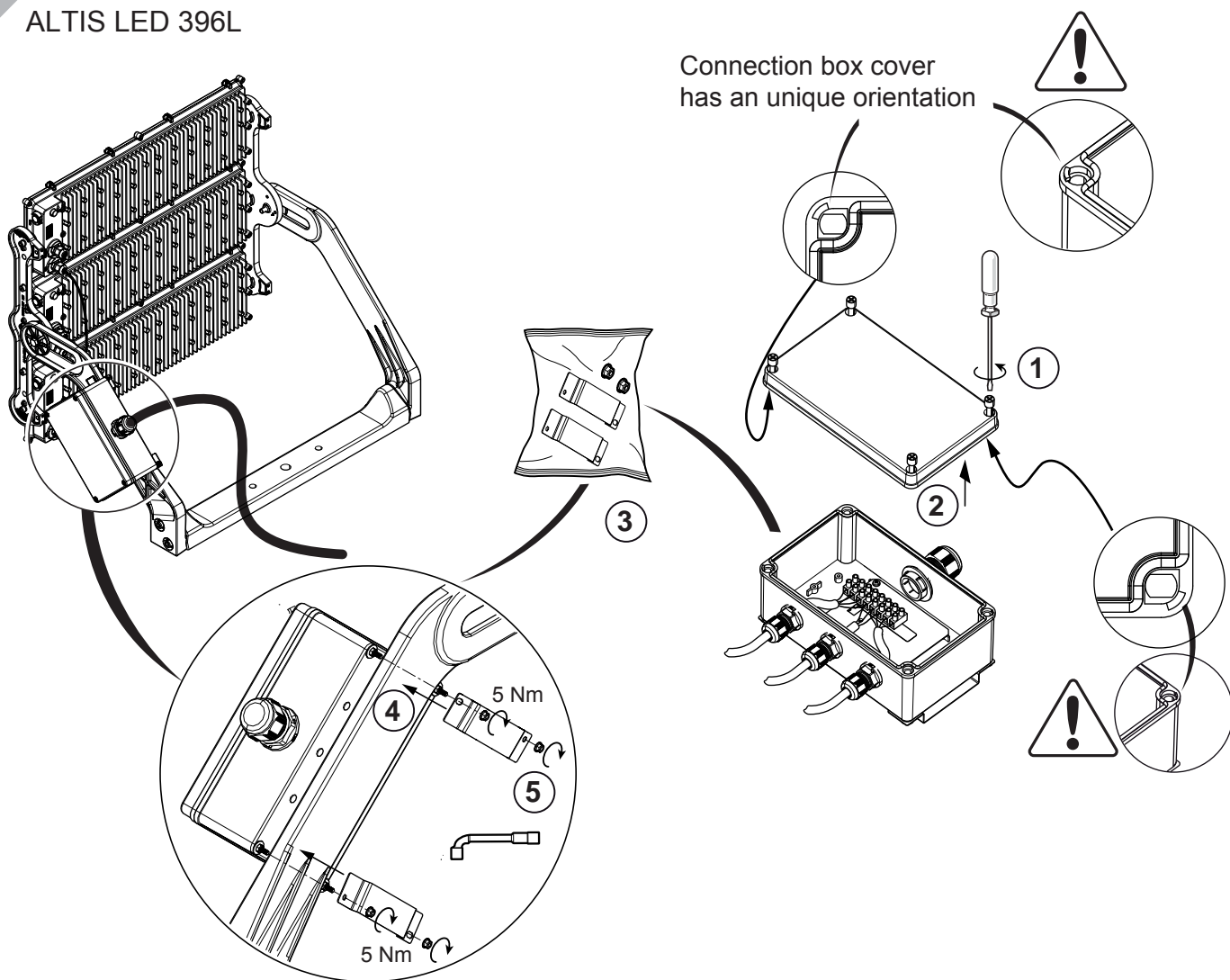


Remote connection box (accessory)

96276613

ALTISLEDG3 JUNCTION BOX GB TO 3x132L

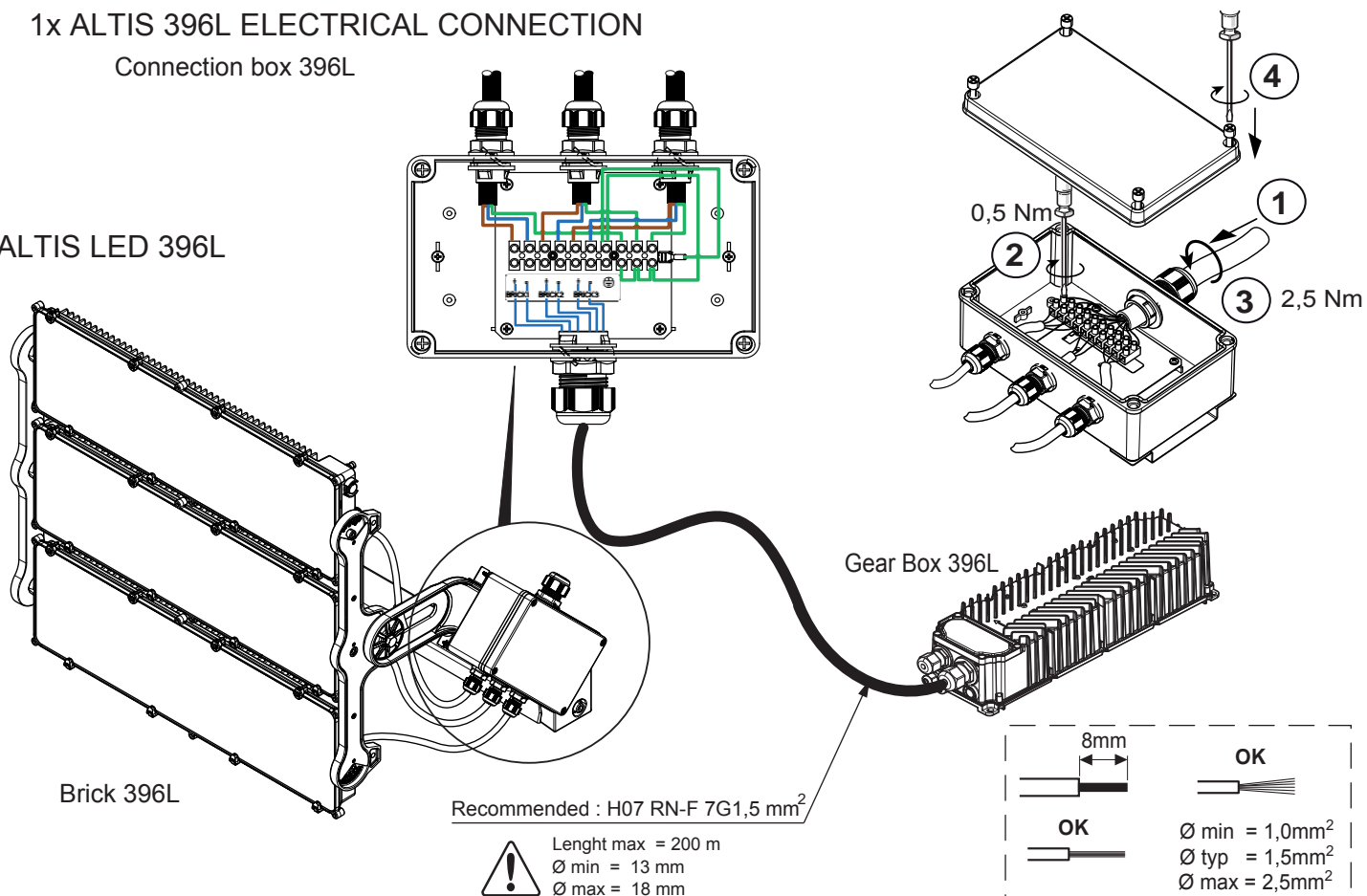


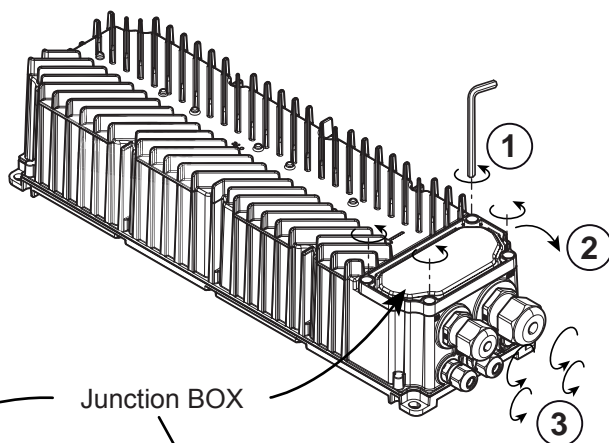
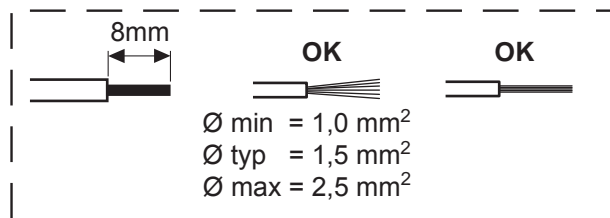


1x ALTIS 396L ELECTRICAL CONNECTION

Connection box 396L

ALTIS LED 396L



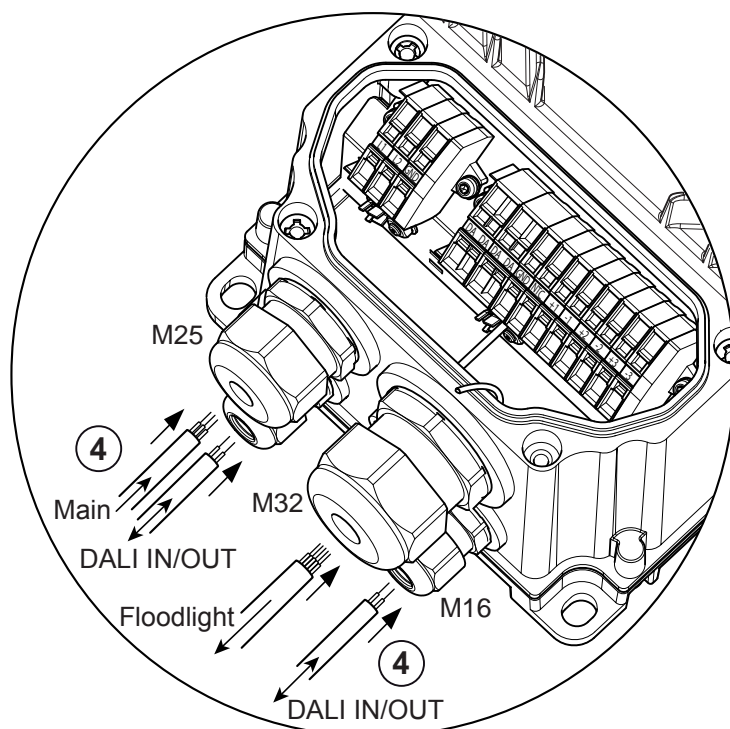
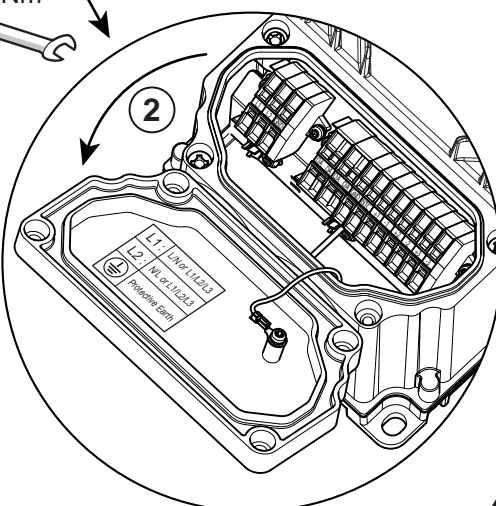


Recommended : H07 RN-F 3/5/7G1,5 mm²
Lenght max = 200 m

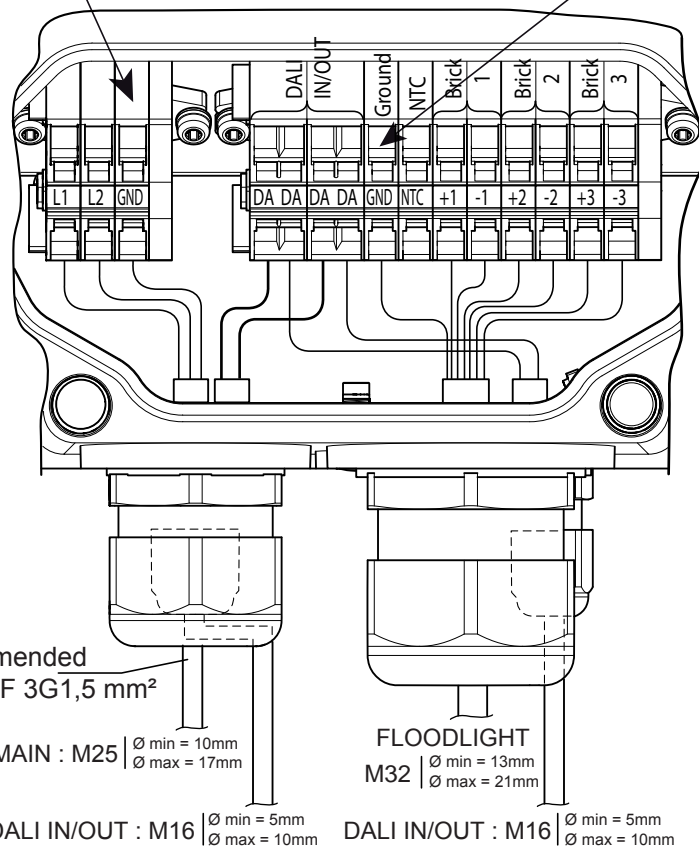
Floodlight

Junction BOX

2.5 Nm

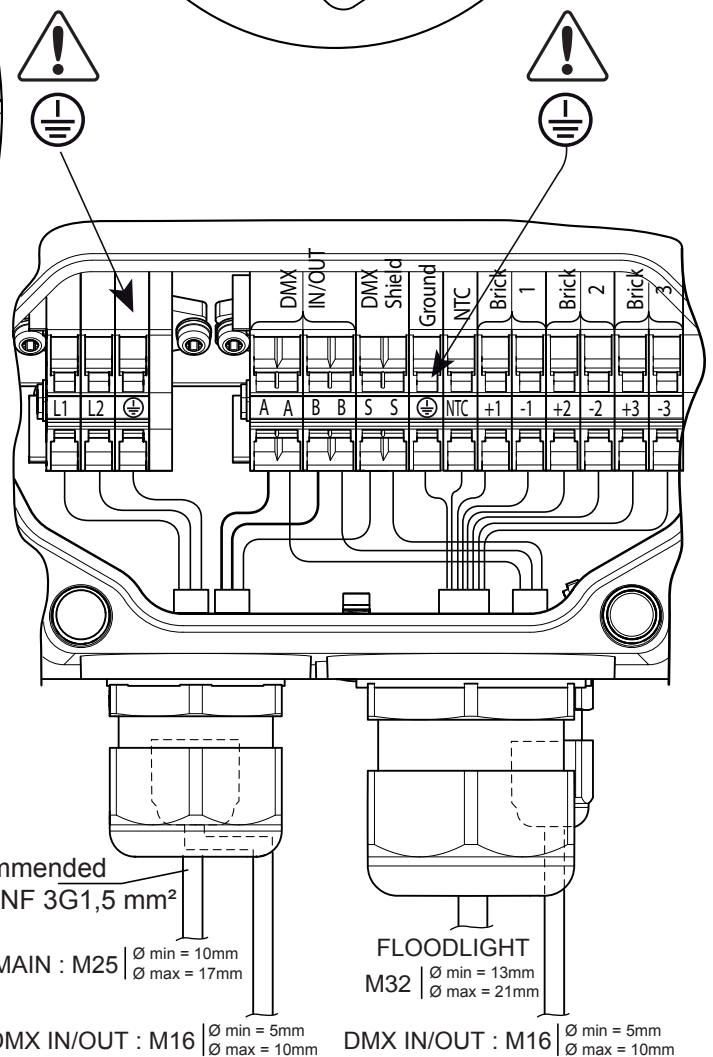
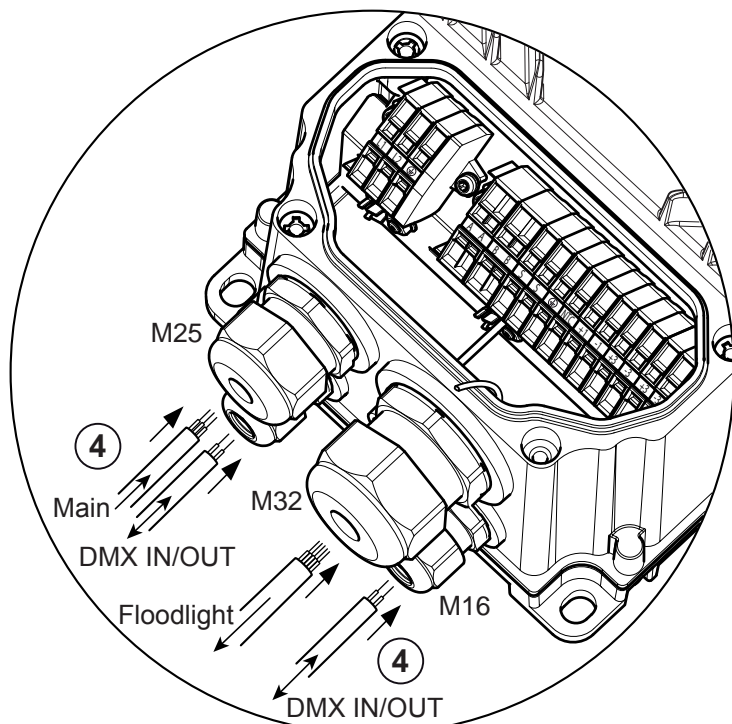
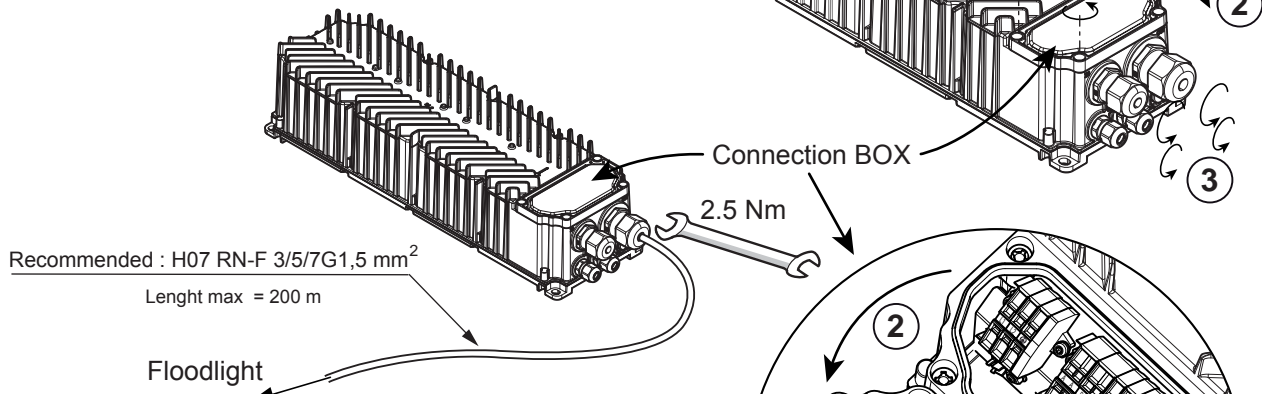
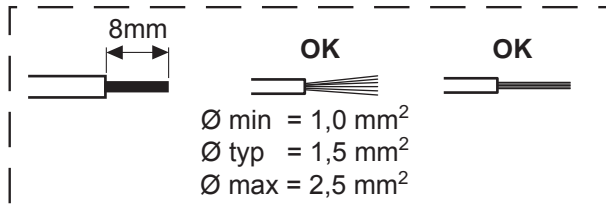


DALI L-N 50/60Hz ⚡ D1 D2 = 8



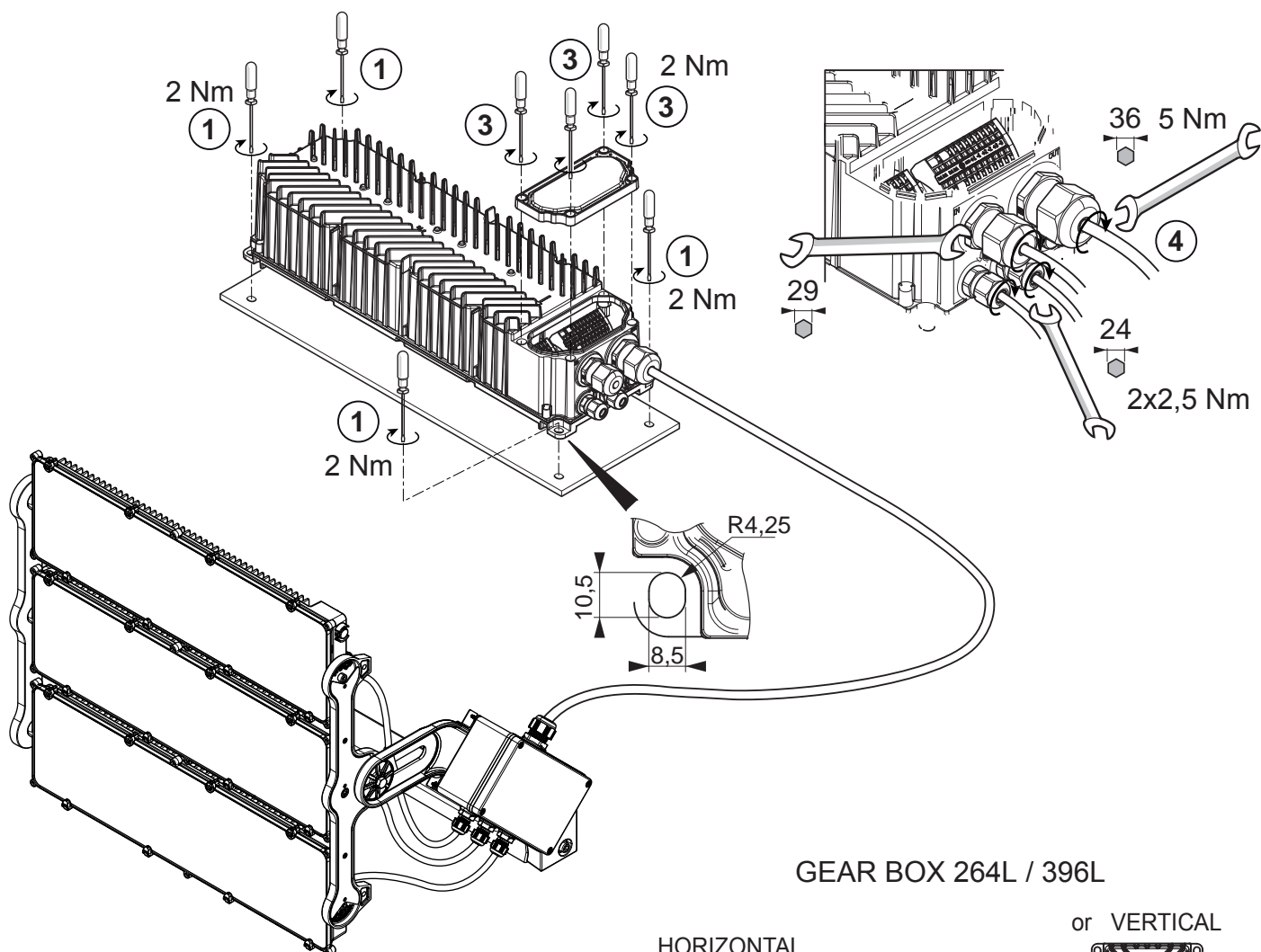
PINOUT

Number	Label	Description
1	L1	L/N or L1/L2/L3
2	L2	N/L or L1/L2/L3
3	⊕	Protective Earth
4	DA	DALI 1 input/relaunch
5	DA	DALI 1 input/relaunch
6	DA	DALI 2 input/relaunch
7	DA	DALI 2 input/relaunch
8	⊕	Protective Earth
9	NTC	Thermal measure input
10	+1	LED1+ connection
11	-1	LED1- connection
12	+2	LED2+ connection
13	-2	LED2- connection
14	+3	LED3+ connection
15	-3	LED3- connection

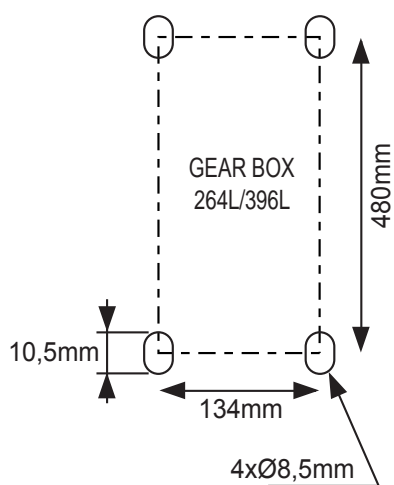


PINOUT		
Number	Label	Description
1	L1	L/N or L1/L2/L3
2	L2	N/L or L1/L2/L3
3	⊕	Protective Earth
4	A	DMX A input/relaunch
5	A	DMX A input/relaunch
6	B	DMX B input/relaunch
7	B	DMX B input/relaunch
8	S	DMX shield
9	S	DMX shield
10	⊕	Protective Earth
11	NTC	Thermal measure input
12	+1	LED1+ connection
13	-1	LED1- connection
14	+2	LED2+ connection
15	-2	LED2- connection
16	+3	LED3+ connection
17	-3	LED3- connection

ALTIS GEAR BOX MOUNTING



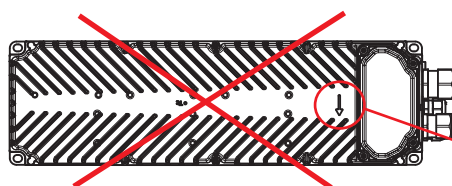
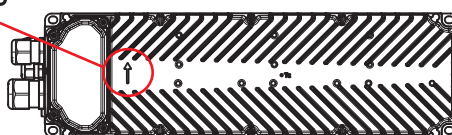
Drilling recommendation:



HORIZONTAL



LATERAL / SIDE



Forbidden position

or VERTICAL



GEAR BOX 396L / 120-277Vac models (designation : ALTISLEDG3 GB 396L...120-277Vac...)

When loaded with 3 ALTIS led modules :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 10A	Type B 16A	Type B 20A	Type B 25A	Type C 10A	Type C 16A	Type C 20A	Type C 25A	Type D 10A	Type D 16A	Type D 20A	Type D 25A
120Vac	36	900	0	0	1	1	0	0	1	1	0	0	1	1
230Vac	61	850	0	1	1	1	1	1	2	2	1	1	2	3
277Vac	63	1750	0	1	1	1	1	2	2	3	1	2	2	3

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
120Vac	36	900	1	2	3	3	1	2	3	3	1	2	3	3
230Vac	61	850	2	2	3	4	3	4	5	7	3	4	6	7
277Vac	63	1750	2	2	3	4	3	4	6	7	4	5	6	7

When loaded with 2 ALTIS led modules :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
120Vac	36	900	2	3	4	5	2	3	4	5	2	3	4	5
230Vac	61	850	2	2	3	4	3	4	5	7	5	7	9	11
277Vac	63	1750	2	2	3	4	3	4	6	7	6	7	9	11

When loaded with 1 ALTIS led module :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
120Vac	36	900	4	5	6	7	6	7	9	11	6	7	9	11
230Vac	61	850	2	2	3	4	3	4	5	7	7	8	11	13
277Vac	63	1750	2	2	3	4	3	4	6	7	6	8	10	13

GEAR BOX 396L / 200-440Vac models (designation : ALTISLEDG3 GB 396L...200-440Vac...)

When loaded with 3 ALTIS led modules :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 10A	Type B 16A	Type B 20A	Type B 25A	Type C 10A	Type C 16A	Type C 20A	Type C 25A	Type D 10A	Type D 16A	Type D 20A	Type D 25A
230Vac	40	2300	1	1	2	2	1	1	2	2	1	1	2	2
400Vac	68	1850	0	1	1	1	1	1	2	3	1	2	2	3

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
230Vac	40	2300	3	4	5	6	3	4	5	6	3	4	5	6
400Vac	68	1850	2	2	3	4	3	4	5	7	5	6	8	10

When loaded with 2 ALTIS led modules :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
230Vac	40	2300	3	4	5	6	5	6	8	10	5	6	8	10
400Vac	68	1850	2	2	3	4	3	4	5	7	6	7	9	12

When loaded with 1 ALTIS led module :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
230Vac	40	2300	3	4	5	6	5	6	8	10	10	13	16	21
400Vac	68	1850	2	2	3	4	3	4	5	7	6	7	9	12

GEAR BOX 264L / 200-440Vac models (designation : ALTISLEDG3 GB 264L...200-440Vac...)

When loaded with 2 ALTIS led modules :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 10A	Type B 16A	Type B 20A	Type B 25A	Type C 10A	Type C 16A	Type C 20A	Type C 25A	Type D 10A	Type D 16A	Type D 20A	Type D 25A
230Vac	29	2000	1	1	2	2	1	2	3	4	1	2	3	4
400Vac	50	2000	0	1	1	1	1	1	2	3	2	3	4	5

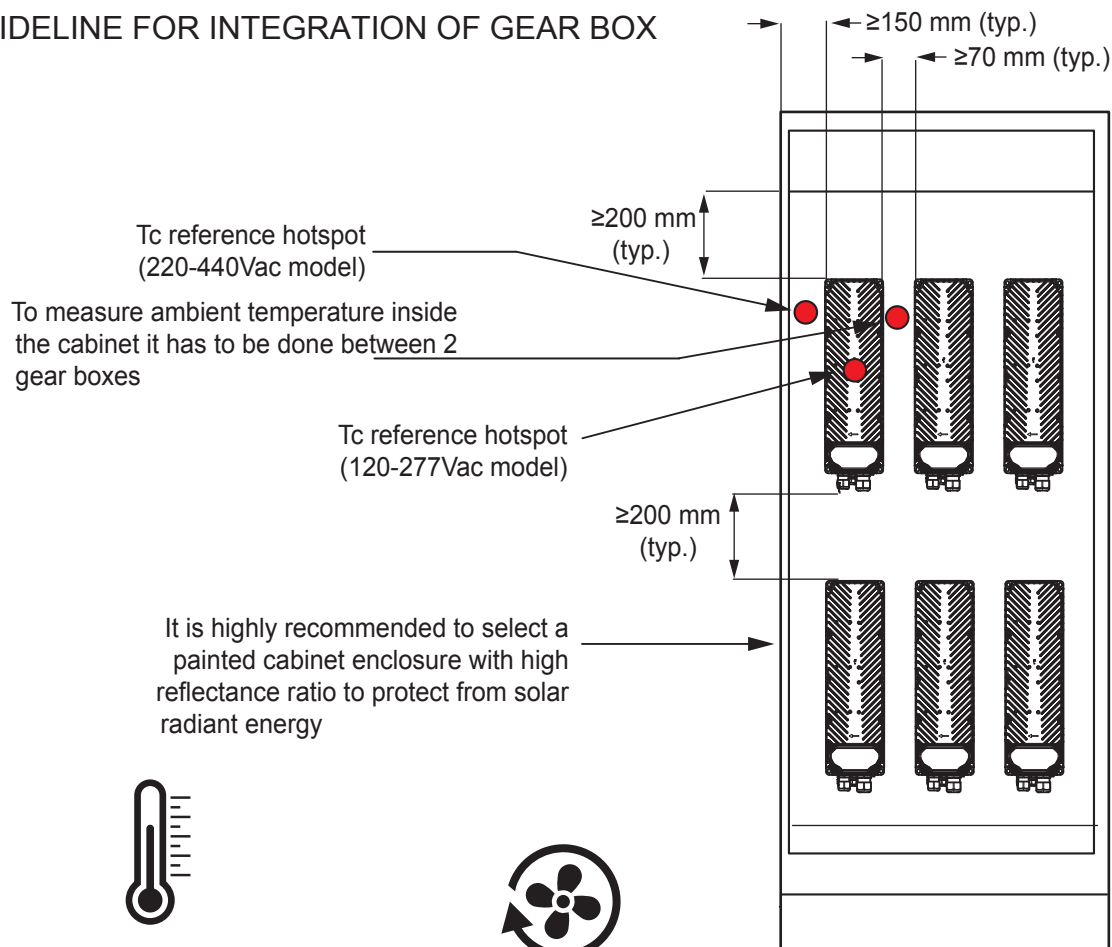
V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
230Vac	29	2000	4	6	7	9	5	6	8	10	5	6	8	10
400Vac	50	2000	2	3	4	5	5	7	9	11	8	10	13	17

When loaded with 1 ALTIS led module :

V in Nominal	Inrush Current Data		# Drivers for each Circuit Breaker											
	I peak (A)	Half Value Time (μs)	Type B 32A	Type B 40A	Type B 50A	Type B 63A	Type C 32A	Type C 40A	Type C 50A	Type C 63A	Type D 32A	Type D 40A	Type D 50A	Type D 63A
230Vac	29	2000	4	6	7	9	7	9	12	15	10	12	16	20
400Vac	50	2000	2	3	4	5	5	7	9	11	8	10	13	17



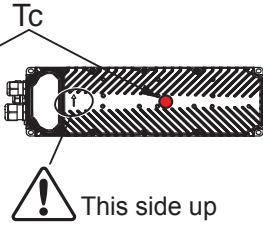
27

GUIDELINE FOR INTEGRATION OF GEAR BOX



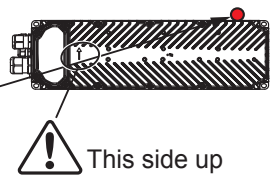


If you cannot follow instructions included in previous section regarding gear box integration, you have to measure Tc reference point taking into consideration that measures must be down to Tc_max



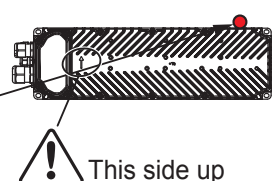
396L (1500W - 120-277Vac)

Tc Reference at Max Ambient			
Position	Horizontal	Vertical	Side
Mounting			
120Vac	70°C	65°C	70°C
230Vac	60°C	60°C	60°C
277Vac	55°C	55°C	55°C
Ambient Max	45°C	45°C	45°C

396L (1500W - 220-400Vac)

Tc Reference at Max Ambient			
Position	Horizontal	Vertical	Side
Mounting			
230Vac	83°C	84°C	82°C
400Vac	66°C	68°C	66°C
Ambient Max	45°C	45°C	45°C

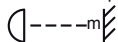
264L (1000W - 220-400Vac)

Tc Reference at Max Ambient			
Position	Horizontal	Vertical	Side
Mounting			
230Vac	76°C	75°C	76°C
400Vac	64°C	62°C	63°C
Ambient Max	45°C	45°C	45°C

FRANCAIS

- Remplacer toute protection fissurée.
- Les luminaires classe II doivent être installés de façon à ce que la partie métallique ne soit pas en contact avec l'installation électrique connectée à la terre.

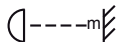
ATTENTION: Les luminaires classe I doivent être reliés à la terre.
-Ce luminaire fonctionne à une tension nominale qui doit être coupée avant toute intervention sur l'appareillage.
-Toute modification de cet appareil est interdite.
-Respecter la distance minimale par rapport aux objets éclairés définie par ce sigle.



SVERIGE

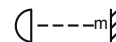
- Ersätta alla spräckta skyddsplåtar.
- Klass II armaturer måste installeras så att nakna metalldelar i armaturen inte är i kontakt med någon elektrisk installation, kopplad till en skyddledare.

VARNING: Klass I armaturer måste vara jordade.
-Denna armatur fungerar med högspänning som måste vara fränslagen före ingripande i driftdonen.
-Alla ändringar i denna armatur är förbjuden.



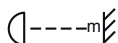
ITALIANO

- Sostituire sempre tutte le protezioni danneggiate.
 - Gli apparecchi in classe II devono essere installati in modo che le parti metalliche non siano in contatto con apparati elettrici collegati a terra.
- ATTENZIONE:** Gli apparecchi in class I devono essere collegati a terra.
-Questo apparecchio funziona a tensione nominale, questa deve essere interrotta prima di ogni intervento sul gruppo di alimentazione.
-Ogni modifica dell' apparecchio è proibita.



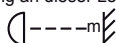
ENGLISH

- Replace any cracked protective shield.
 - Class II luminaires must be installed so that exposed metal work of the luminaire is not in contact with any part of the electrical installation connected to a protective conductor.
- WARNING:** Class I luminaires must be earthed.
-This luminaire operates at mains voltage which must be switched off before intervention in control gear.
-Any modification to this luminaire is forbidden.
-Lighted objects nearer than the minimal distance in the is forbidden.



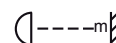
DEUTSCH

- Ersetze jede gebrochene Schutzscheibe.
 - Schutzklasse II Leuchten müssen so installiert werden, daß berührbare Metallteile nicht mit einem, an dem Schutzleiter angeschlossenen Teil der elektrischen Installation in Kontakt kommen können.
- ACHTUNG:** Schutzklasse I Leuchten müssen geerdet sein.
-Diese Leuchte wird mit Netzspannung betrieben. Bevor Eingriffe am Vorschaltgerät vorgenommen werden sowie vor Wartung und Installation, ist die Versorgungsspannung abzuschalten.
-Jede Änderung an dieser Leuchte ist verboten.



SUOMI

- Rikkoontunut suojalasi vaihdettava välittömästi uutsen vastaavaan.
 - Asennettaessa suojausluokan II valaisinta on peruseristetyt johdon ja kosketeltavien metalliosien välinen kosketus tehokkaasti eristettävä.
- VAROITUS:** Suojausluokan I valaisin täytyy maadoittaa.
-Verkkojännite on kytkettävä pois ennen valaisimen huoltotoimenpiteitä.
-Valaisimen rakennetta ei saa muuttaa.



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