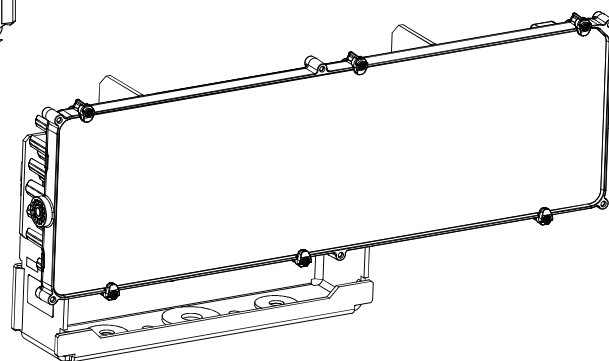
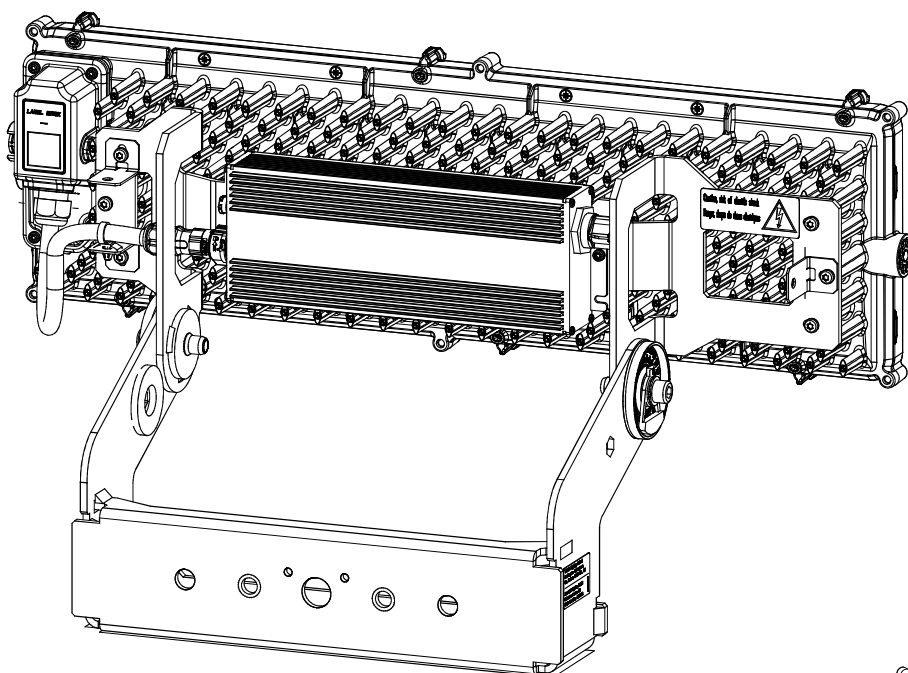


UK Installation instructions**FI** Asennusohje**LV** Instalācijas instrukcija**DE** Montageanleitung**FR** Notice de montage**NO** Monteringsanvisning**CZ** Montážní návod**HU** Szerelési útmutató**PL** Instrukcja montażu**DK** Monteringsvejledning**IT** Istruzioni di montaggio**SE** Installationsanvisning**EE** Paigaldusjuhend**LT** Montavimo Instrukcijos**RU** ИНСТРУКЦИЯ ПО МОНТАЖУ

TYPE : ALG5 SA - 144L



IP66 / IK08

 = 11.8 kg

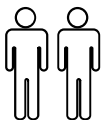

The luminaire with clear optic should be positioned so that prolonged staring into the luminaire at a distance <2m is not expected

$T_{a_{MIN}} = -40^{\circ}\text{C}$ / $T_{a_{MAX}} = +50^{\circ}\text{C}$
(up to 50°C with driving current derating)



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

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



CLASS I

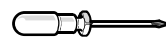


19/22/27

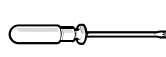
8



PZ1



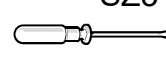
T20



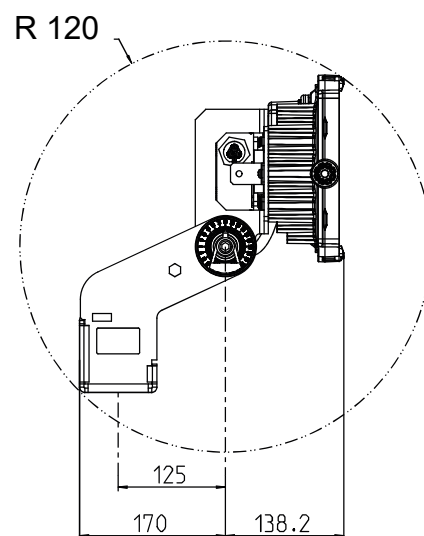
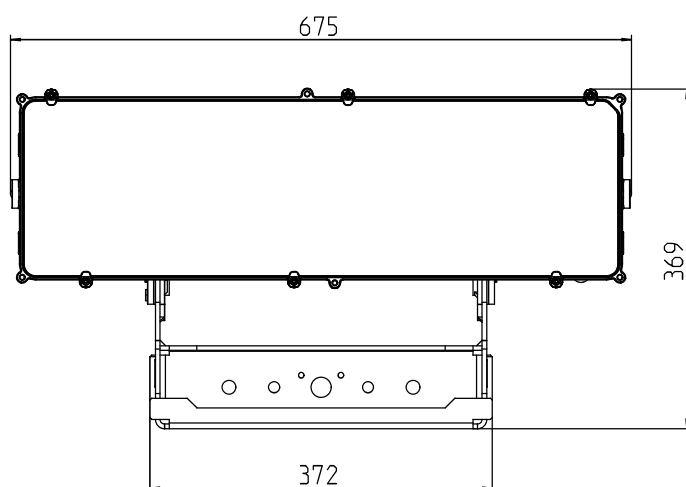
PH 00



SZ3



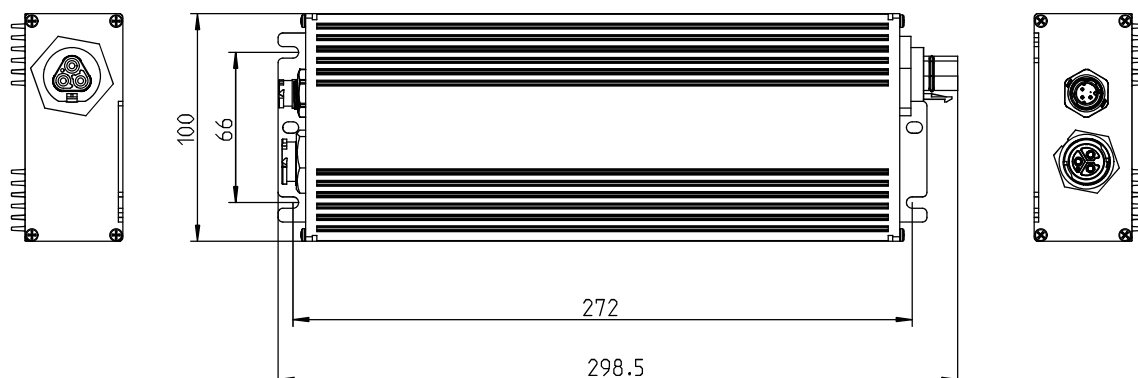
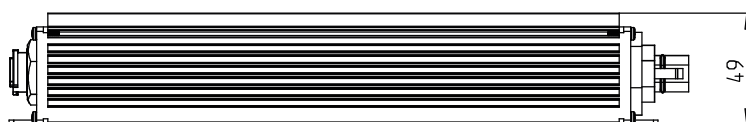
ALG5 SA - 144L

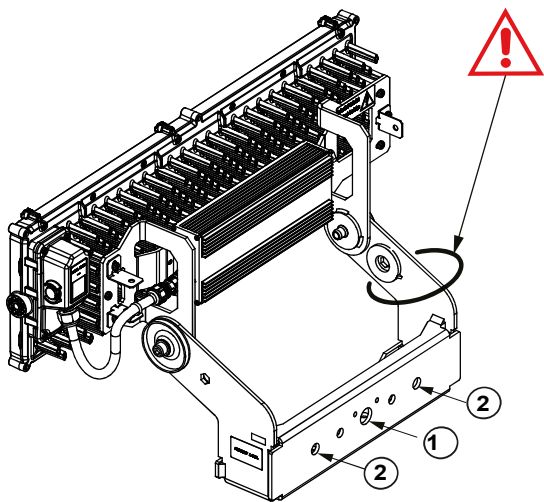


	S_{Cx} at 0° *	S_{Cx} at 45° *	S_{Cx} at 65° *	S_{Cx} at 90° *
ALG5 SA	0.08	0.13	0.14	0.20

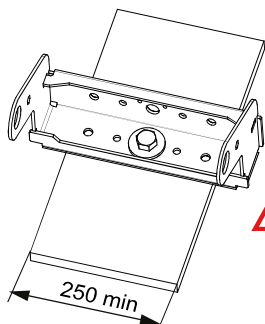
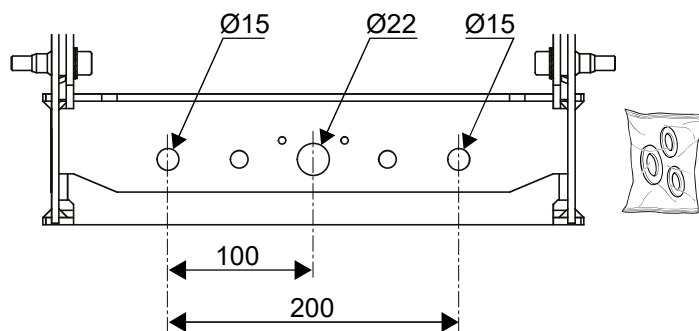
* These data refer to the worst case at indicated angle

ALG5 GB LE 600W

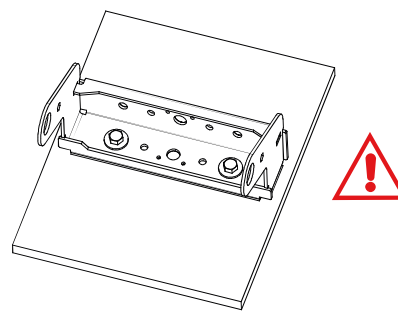
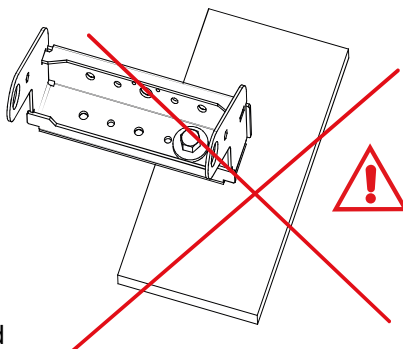




For installation higher >3m
Secure product with retaining cable
attached to the frame (not included in the delivery).
Please refer to local installation norms/regulations.

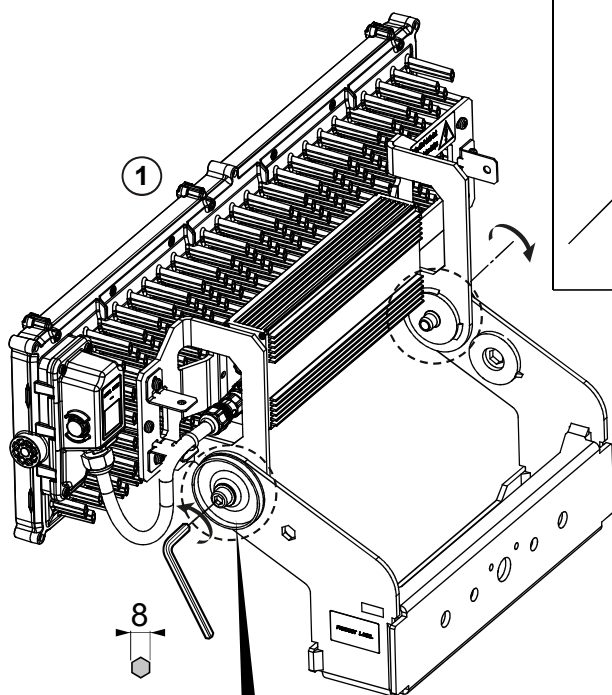


① 1xM20 with large washer provided

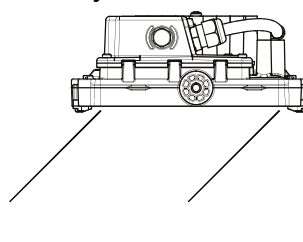


② 2xM14 with large washer provided

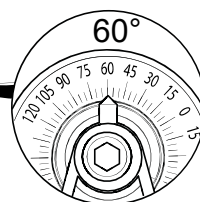
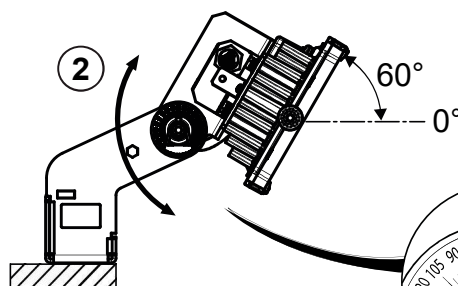
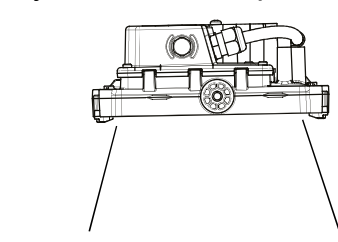
2



Asymmetrical beam



Symmetrical / Elliptical beam

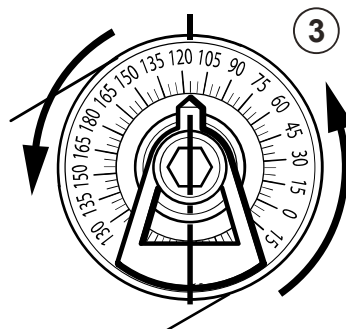


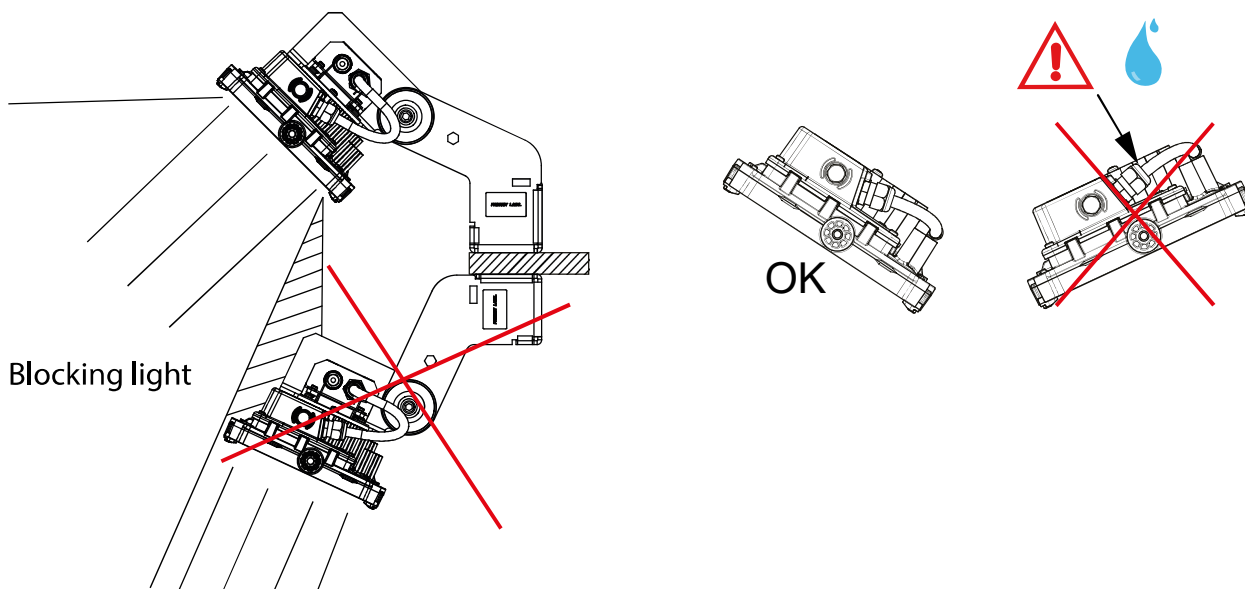
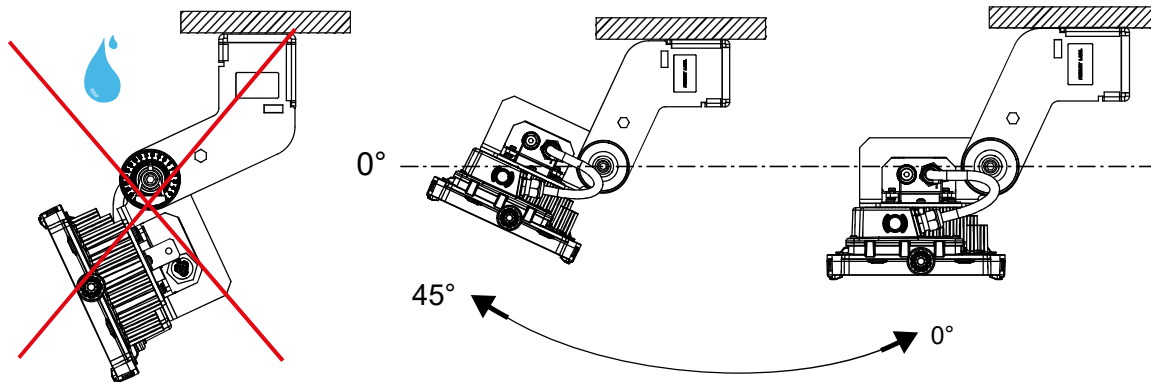
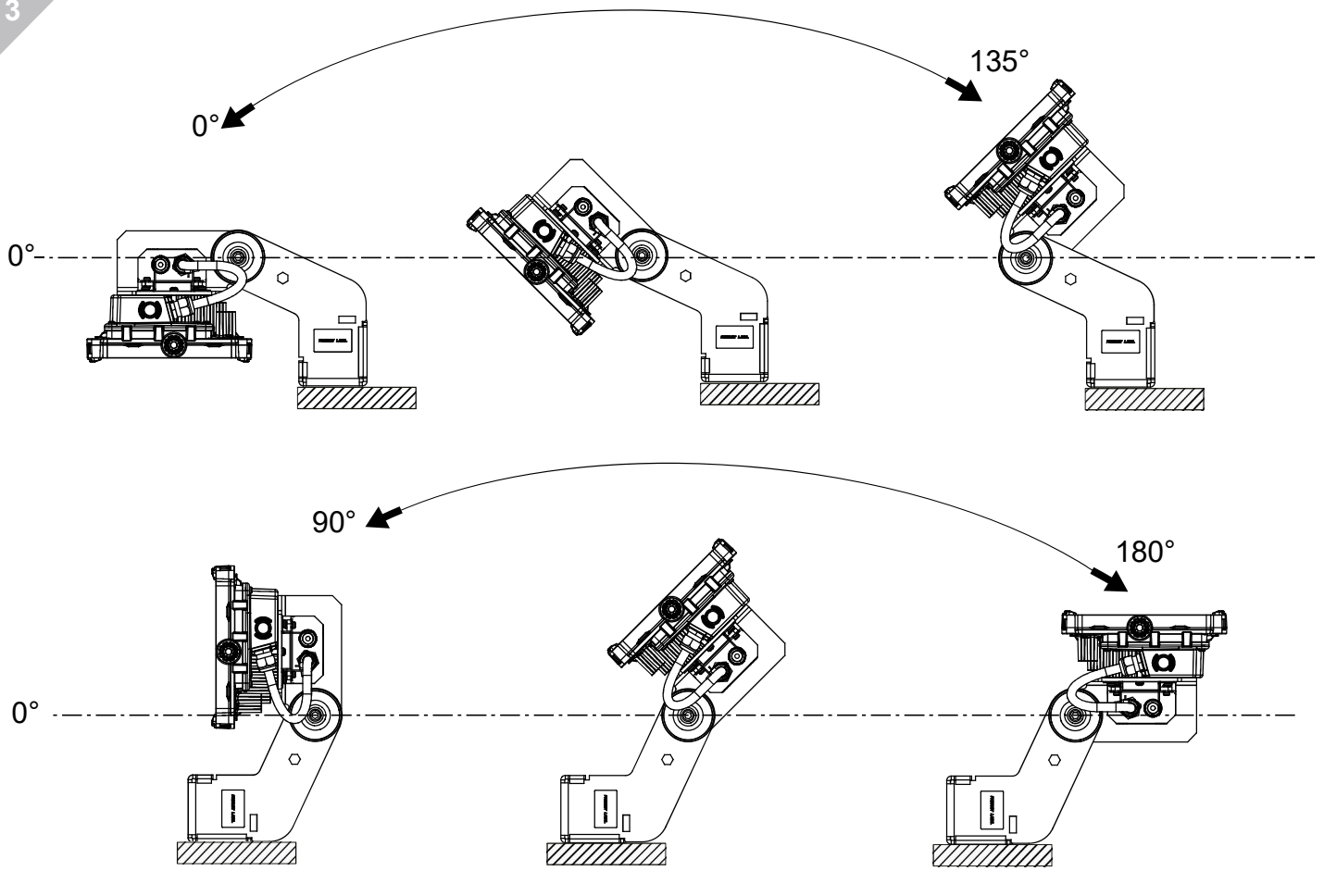
30Nm

④



Brick orientation

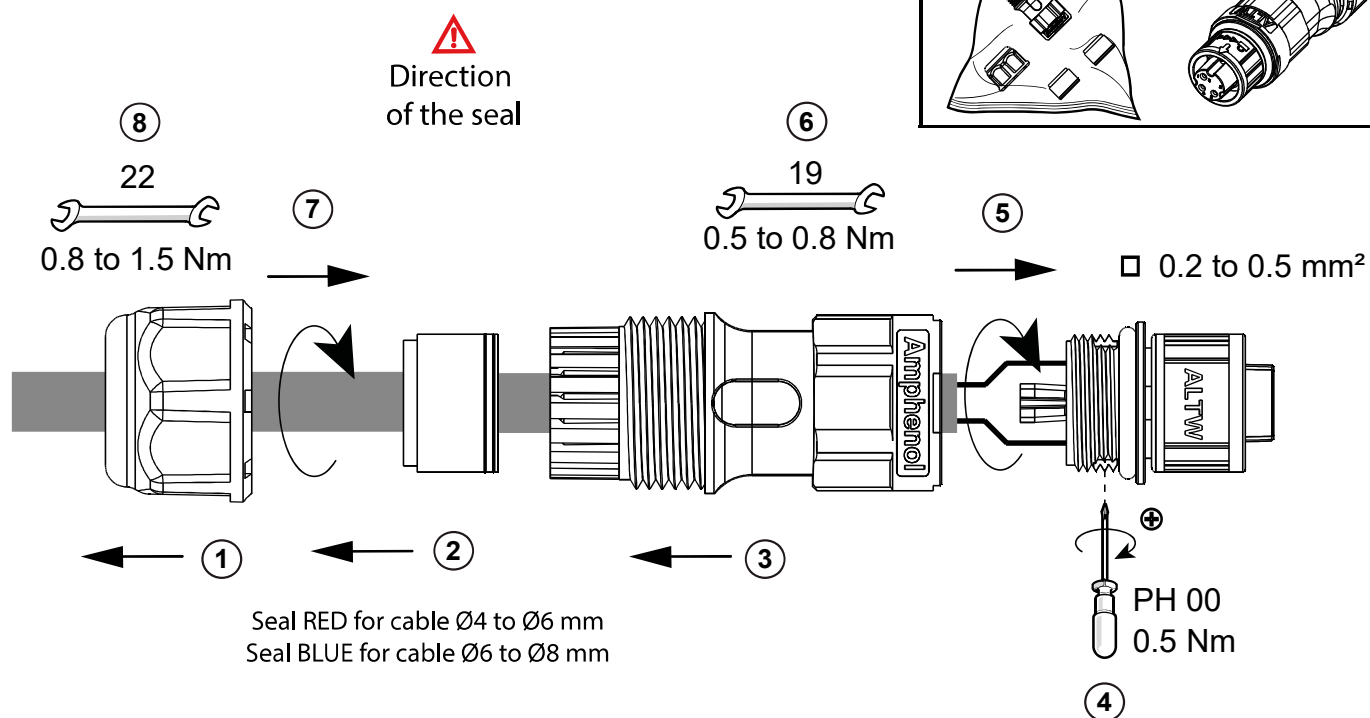
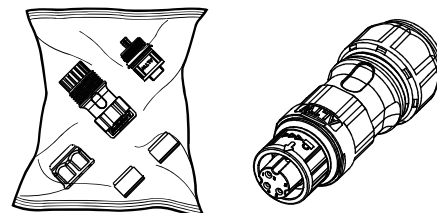




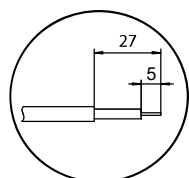
CONTROL CONNECTION

CONNECTOR ASSEMBLY

AMPHENOL AD-03BFFB-QL8AP0

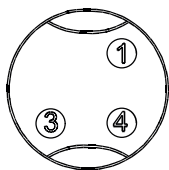


RECOMMENDED CABLE: Network cable 5e (CAT5e)
or Network cable 6 (CAT6)

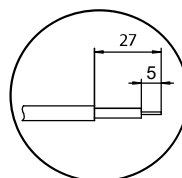


DMX config

1	D1+
2	
3	SHIELD
4	D1-

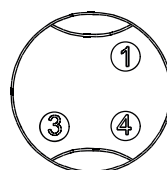


RECOMMENDED CABLE: 2x0.5mm² (Ø4 to Ø8)

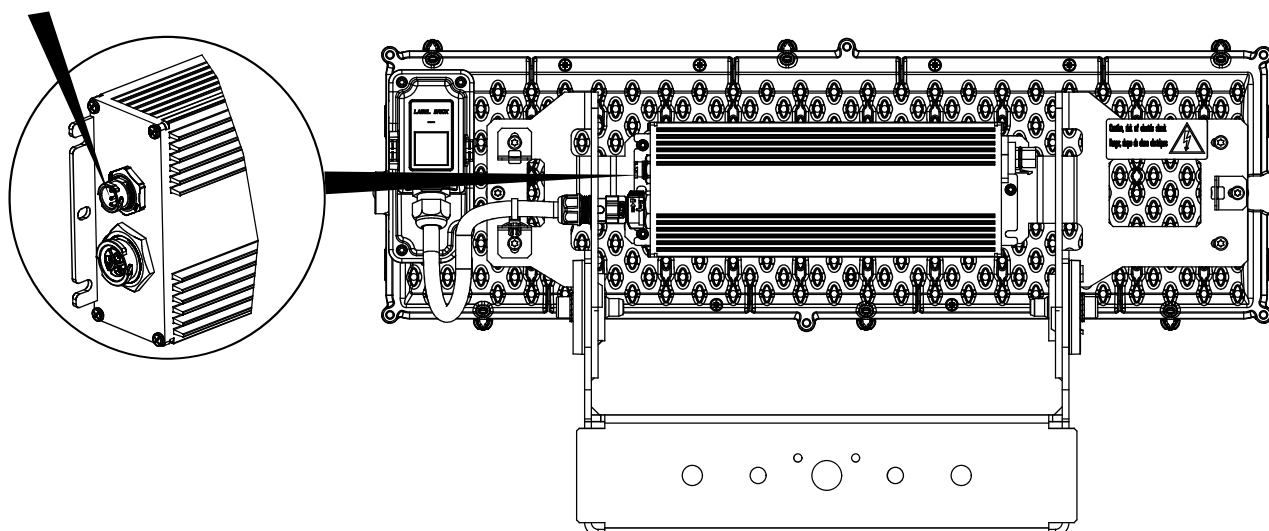


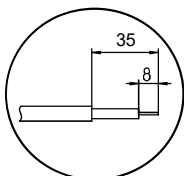
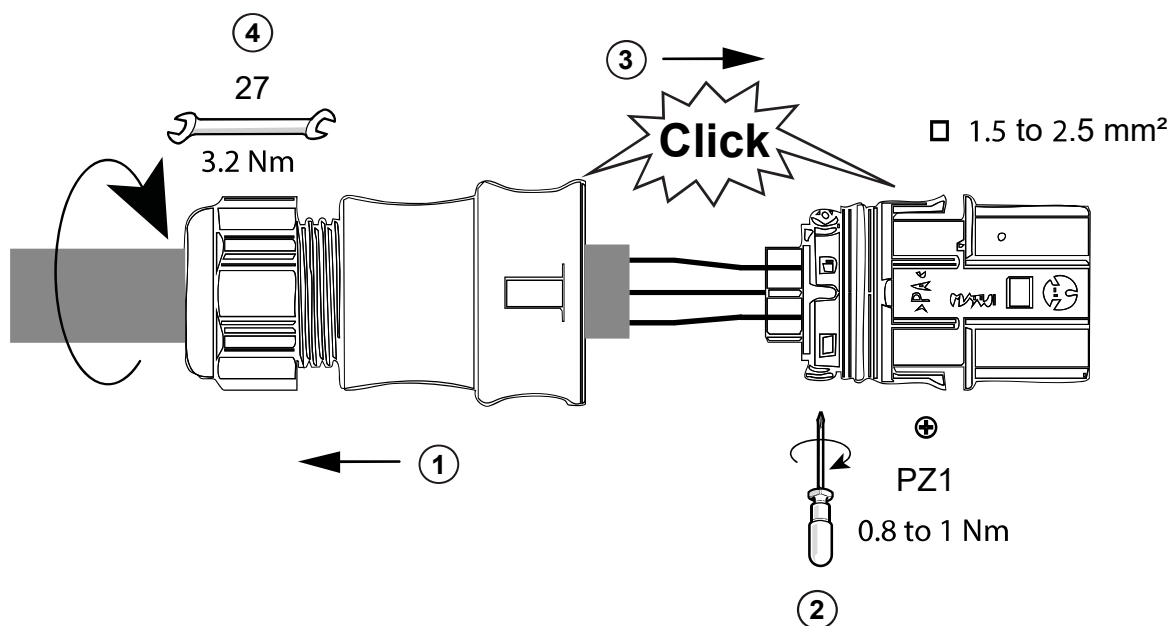
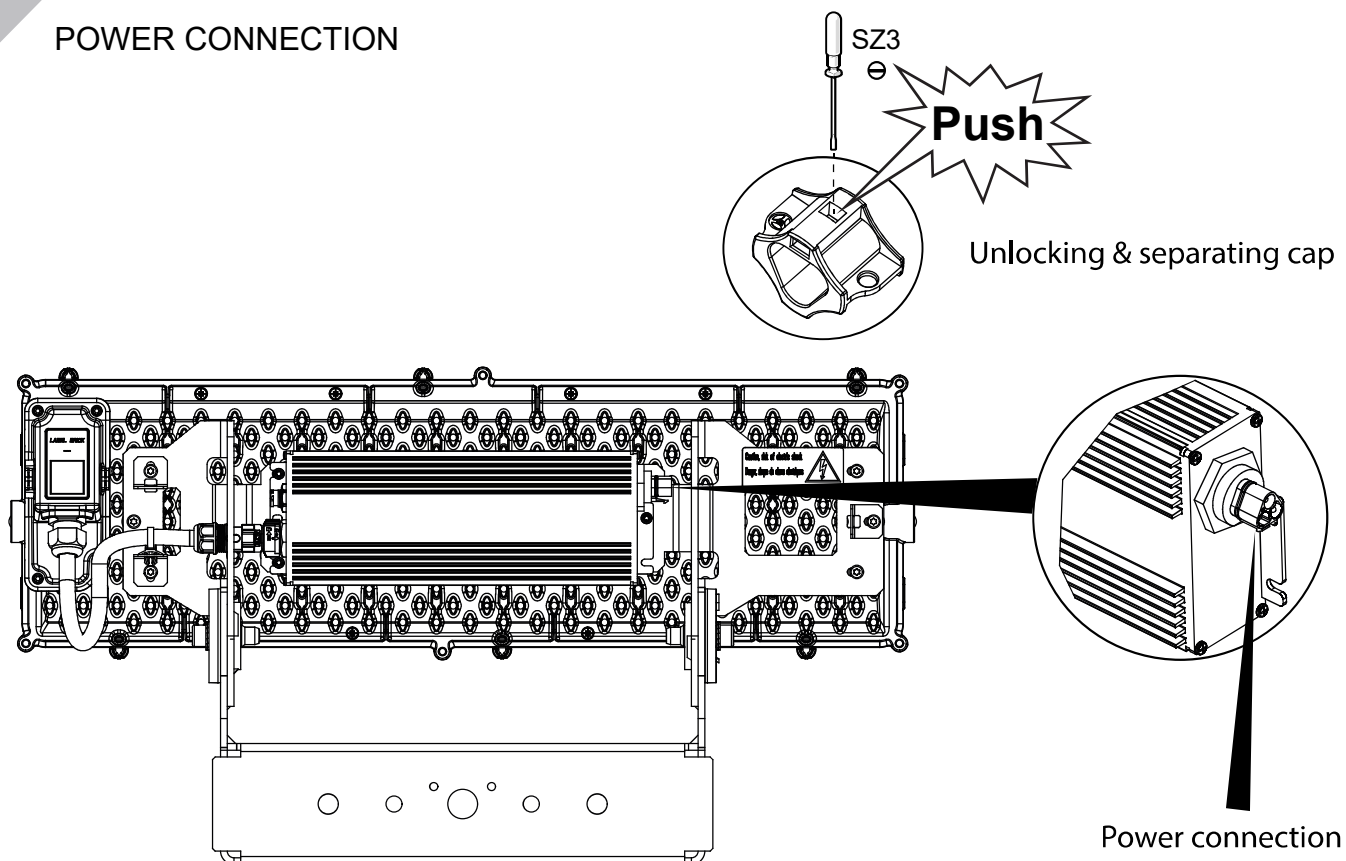
DALI config

1	DA+
2	
3	NOT USED
4	DA-



DALI or DMX connection





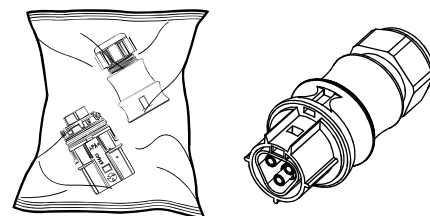
PE CONNECTOR FOR CABLE Ø10 to Ø14 mm
RECOMMENDED CABLE: H07RN-F 3G1,5

POWER config

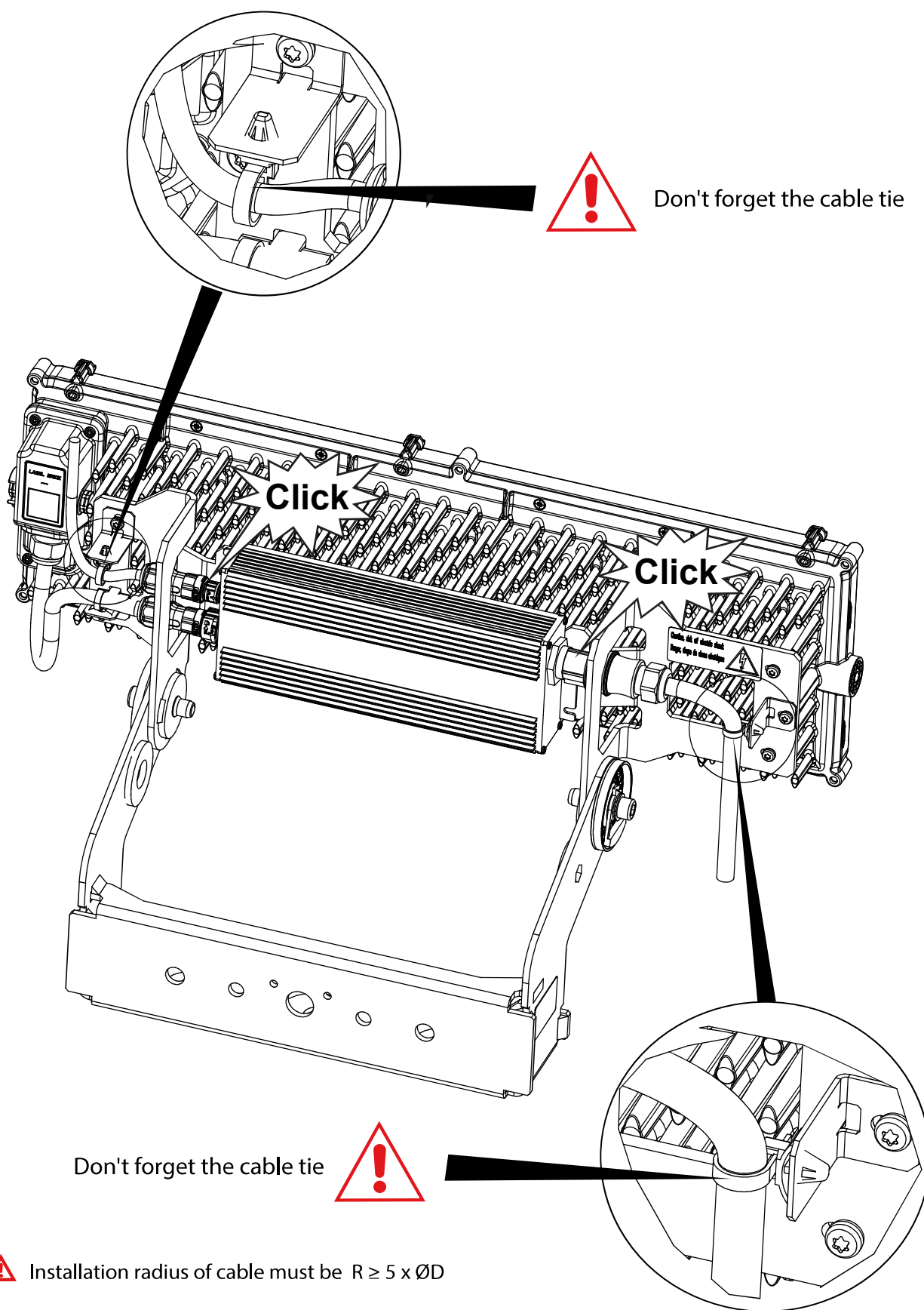
1	L1
2	L2 / N
⊕	PE Protective Earth - (Class 1)



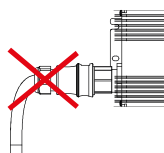
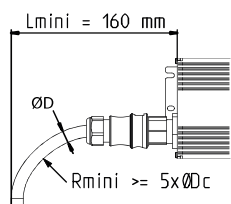
WIELAND 96.031.4055.7



DALI or DMX connection

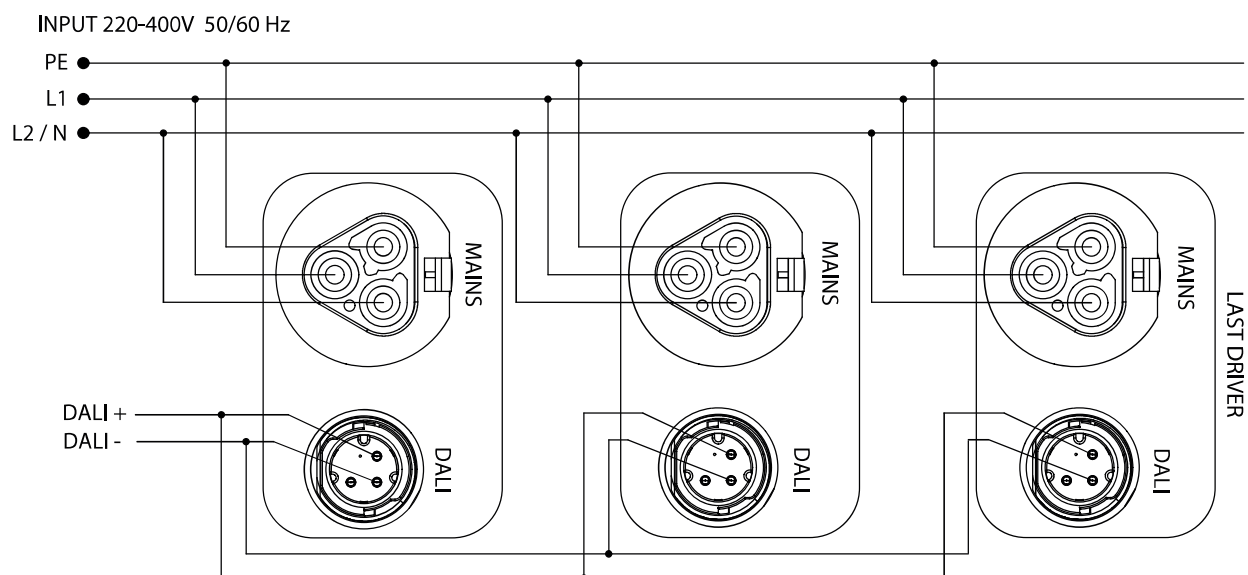


⚠ Installation radius of cable must be $R \geq 5 \times \varnothing D$

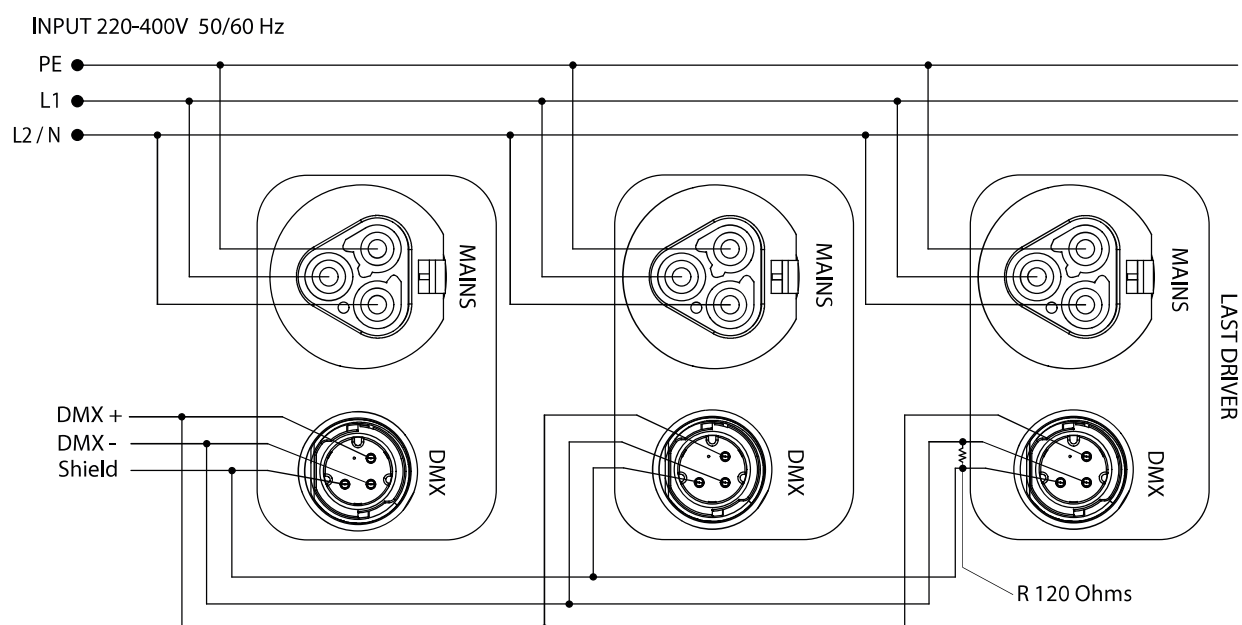


Power connection

DALI CHAIN TOPOLOGY



RDM/DMX CHAIN TOPOLOGY



Information about DMX version:

- DMX is a three-wire system and use all tree.
- DMX is based on the EIA-485/RS-485 standard.
- Always use cable specifically for DMX.
- 200m Max between the controller and the last driver.
- DMX must be terminated with a 120 Ohms resistor between D- and shield to prevent reflections.
- After 20 unit loads a repeater/booster should be used.

Aiming Device

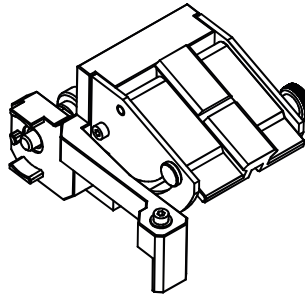
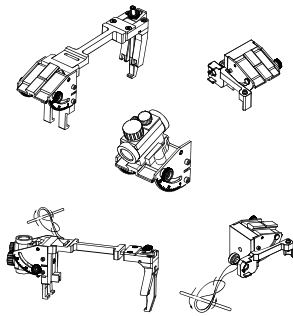
96434032 ALTIS G5 SA AIMING DEVICE BRACKET

ALTIS LED AIMING DEVICE

THORN

UK	Installation instructions	FI	Asennusohje	LV	Instalācijas instrukcija
DE	Montageanleitung	FR	Notice de montage	NO	Monteringsanvisning
CZ	Montážní návod	HU	Szerelési útmutató	PL	Instrukcja montażu
DK	Montagevejledning	IT	Istruzioni di montaggio	SE	Installationsanvisning
EE	Päigekajuhend	LT	Montavimo instrukcija	RU	ИНСТРУКЦИЯ ПО МОНТАЖУ

ALTIS LED AIMING DEVICE



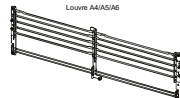
Louvres / Bird Deterrent

ALTIS LED

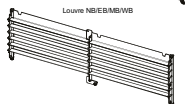
THORN

UK	Installation instructions	FI	Asennusohje	LV	Instalācijas instrukcija
DE	Montageanleitung	FR	Notice de montage	NO	Monteringsanvisning
CZ	Montážní návod	HU	Szerelési útmutató	PL	Instrukcja montażu
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EE	Päigekajuhend	LT	Montavimo instrukcija	RU	ИНСТРУКЦИЯ ПО МОНТАЖУ

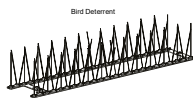
TYPE - ALTIS LED GAUGS ACCESSORIES



Louvre A4/A5/A6



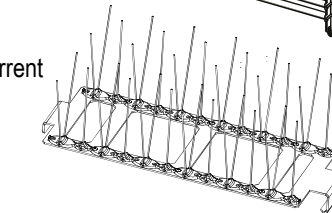
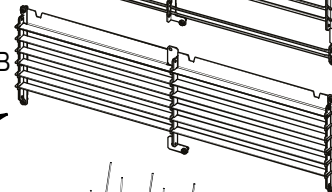
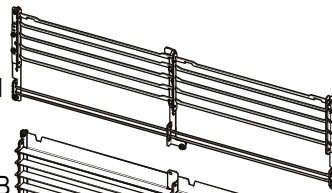
Louvre NB/EB/MB/WB



Bird Deterrent

Louvre
A4/A5/A6/A6ILouvre
NB/EB/MB/WB

SA Bird Deterrent



- 96671492 ALTIS G4/G5 1 BRICK LOUVRE A4
- 96671493 ALTIS G4/G5 1 BRICK LOUVRE A5
- 96671494 ALTIS G4/G5 1 BRICK LOUVRE A6/A6I
- 96671496 ALTIS G4/G5 1 BRICK LOUVRE MB
- 96671495 ALTIS G4/G5 1 BRICK LOUVRE NB/EB
- 96671497 ALTIS G5/G 1 BRICK LOUVRE WB

96800359 ALTIS G5 SA BIRD DETERRENT

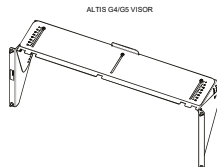
Visor

ALTIS LED

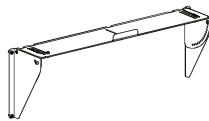
THORN

UK	Installation instructions	FI	Asennusohje	LV	Instalācijas instrukcija
DE	Montageanleitung	FR	Notice de montage	NO	Monteringsanvisning
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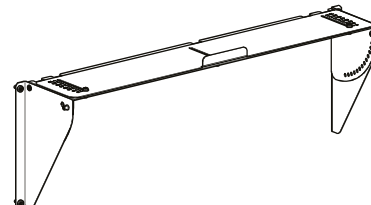
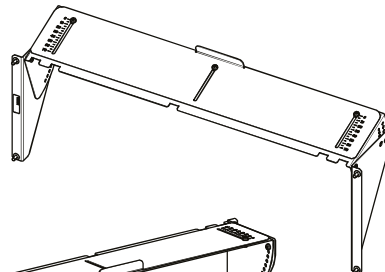
TYPE - ALTIS GAUGS ACCESSORIES



ALTIS G4/G5 VISOR



Visor G4/G5



96671498 ALTIS G4/G5 1 BRICK AJ VISOR

Connection extension KIT

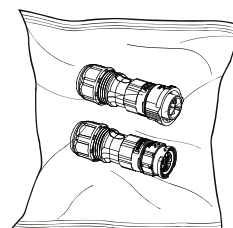
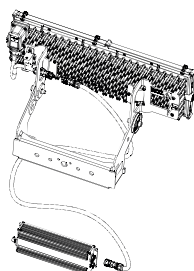
ALTIS LED

THORN

UK	Installation instructions	FI	Asennusohje	LV	Instalācijas instrukcija
DE	Montageanleitung	FR	Notice de montage	NO	Monteringsanvisning
CZ	Montážní návod	HU	Szerelési útmutató	PL	Instrukcja montażu
DK	Montagevejledning	IT	Istruzioni di montaggio	SE	Installationsanvisning
EE	Päigekajuhend	LT	Montavimo instrukcija	RU	ИНСТРУКЦИЯ ПО МОНТАЖУ

TYPE - ALTIS G5 SA ACCESSORIES

CONNECTION EXTENSION KIT

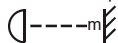


96432252 ALTIS G5 SA CONNECTORS ACCESSORIES

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.

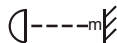
ATTENTION: Les luminaires classe I doivent être reliés à la terre.
-Ce luminaire fonctionne à une tension nominale qui doit être coupée avant toute intervention sur l'appareillage.
-Toute modification de cet appareil est interdite.
-Respecter la distance minimale par rapport aux objets éclairés définie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



SVERIGE

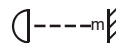
- Ersätta alla spräckta skyddsplåtar.
- Klass II armaturer måste installeras så att nakna metalldelar i armaturen inte är i kontakt med någon elektrisk installation, kopplad till en skyddledare.

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



ITALIANO

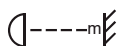
- Sostituire sempre tutte le protezioni danneggiate.
 - Gli apparecchi in classe II devono essere installati in modo che le parti metalliche non siano in contatto con apparati elettrici collegati a terra.
- ATTENZIONE:** Gli apparecchi in class I devono essere collegati a terra.
-Questo apparecchio funziona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



ENGLISH

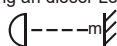
- Replace any cracked protective shield.
- Class II luminaires must be installed so that exposed metal work of the luminaire is not in contact with any part of the electrical installation connected to a protective conductor.

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.



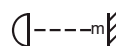
DEUTSCH

- 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 peruseristetyin johdon ja kosketeltavien metalliosien välinen kosketus tehokkaasti eristettävä.
- VAROITUS:** Suojausluokan I valaisin täytyy maadoittaa.
-Verkköjännite on kytkettävä pois ennen valaisimen huoltotoimenpiteitä.
-Valaisimen rakennetta ei saa muuttaa.



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- To ensure maintaining the best system performances, we advice to switch on the system "At least one night hour per month".
- corrosion environment from C1 to C5 according to standard ISO9223