

ARENA series LED floodlight

Mounting instruction



Indoor/
Outdoor

IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. The luminaire is not allowed to be placed in the water or close to fire resource and high temperature place.
2. Before installing this fixture or doing any maintenance, make sure to turn off the power supply at the circuit breaker or fuse box.
3. Make sure that the luminaire is not damaged before install and use. If the glass is broken or damaged it must be replaced.
4. Only the authorized electrician can install the luminaire, and the wire should comply with the national standards.
5. The input cable: 3 cores with the min cross-sectional area of the conductor 1.5 mm². Recommended type H07RNF. The input cable should meet requirements of IEC 60227 or IEC 60245.
6. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent in order to avoid a hazard.
7. Check to make sure that all the fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.
8. The light source of luminaire is non-user replaceable. It can only be replaced by the manufacturer or his service agent.

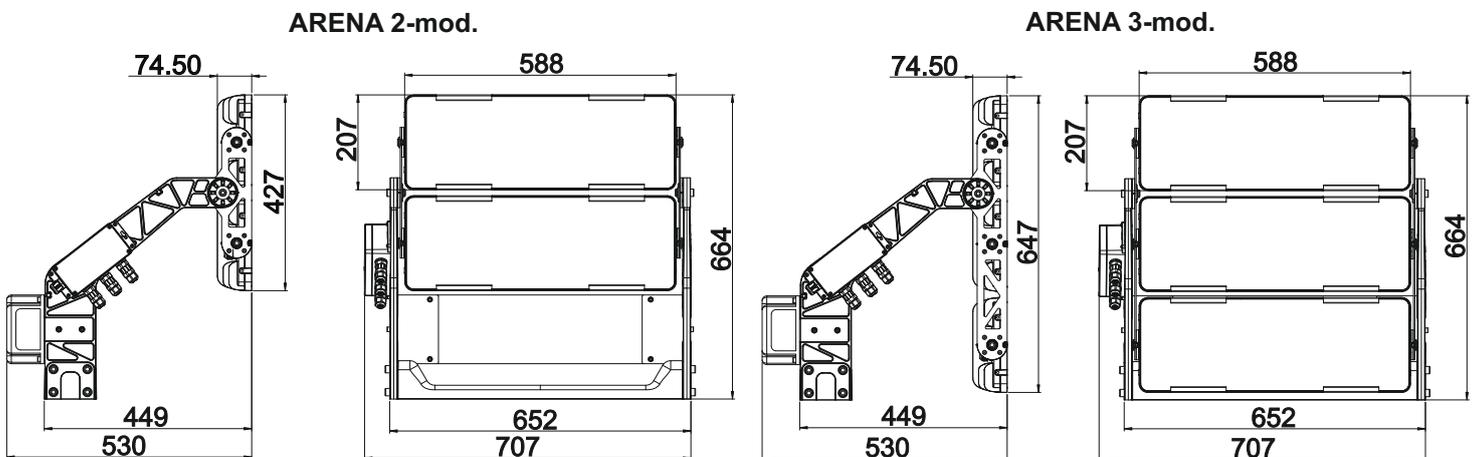


Caution, Risk of Electric Shock. Disconnect all power sources before servicing.

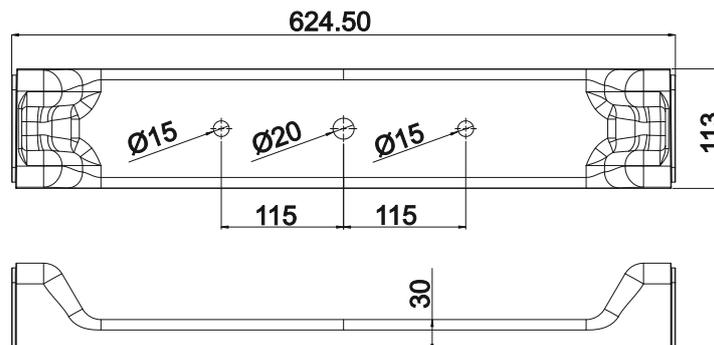
MAINTENANCE OF LUMINAIRE

Maintenance of luminaire must be done according the standard CIE 154-2003.
Recommended period of maintenance - every 3-4 years.
Cleaning must be done with soft material and soapy water.
Do not use aggressive chemicals or solvents!

Product dimensions:

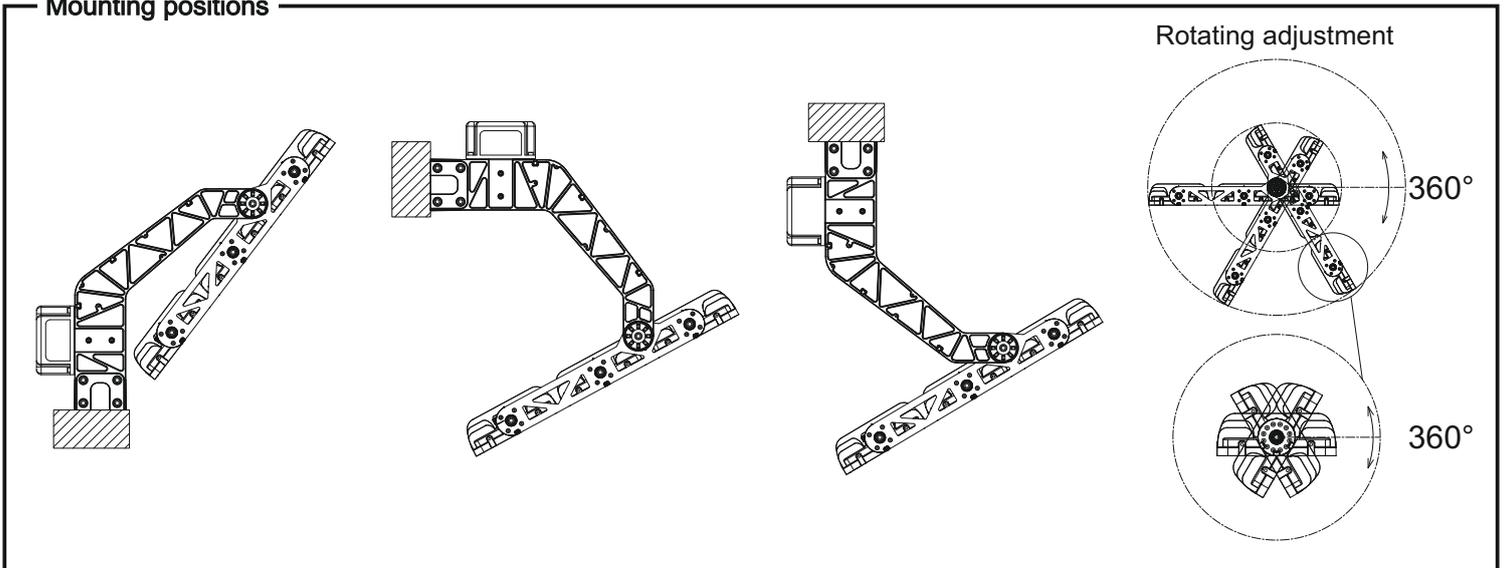


Mounting base dimensions:



ARENA series LED floodlight

Mounting positions

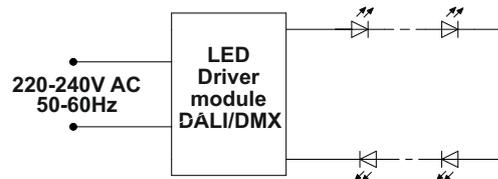


Projected max area for the wind load, m²:

Angle to the ground	0°	15°	30°	45°	60°	75°	90°
ARENA 2-mod. without driver	0.07	0.13	0.19	0.23	0.27	0.29	0.30
ARENA 2-mod. with driver	0.16	0.22	0.28	0.32	0.36	0.38	0.39
ARENA 3-mod. without driver	0.07	0.16	0.25	0.32	0.38	0.41	0.42
ARENA 3-mod. with driver	0.16	0.25	0.32	0.34	0.38	0.41	0.42

Parameter table:	ARENA 2-mod.	ARENA 3-mod.
Power	600 - 1100W	900 - 1650W
Weight without driver	23.8 kg	32.4 kg

Electrical scheme:



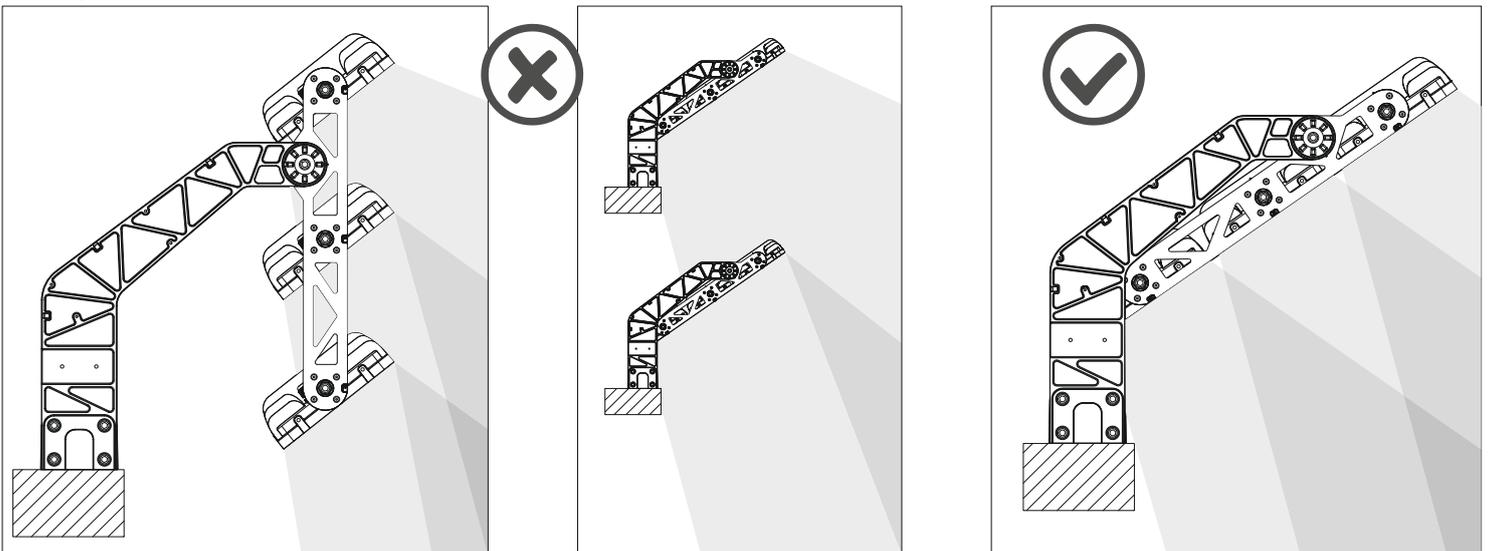
Driver weight including fixing parts - 6.9kg.

Inrush current

MCB	B/C 10A	B/C 16A	B/C 20A	B/C 25A	B/C 32A	I _{peak} , A	Duration
ARENA 2-head	1	2	3	3	4	20	1.32 ms
ARENA 3-head	1	1	2	2	3	20	1.32 ms

Wrong positioning.

The light source cannot be directed to other luminaire or its parts.



ARENA series LED floodlight

Assembling

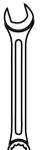
1  Skip this step if the driver installation location is different.

 **M6x16 - 4pcs.**

 **M6 - 4pcs.**

 **M6 - 4pcs.**

 **5mm**

 **SW10**

 **10 Nm**

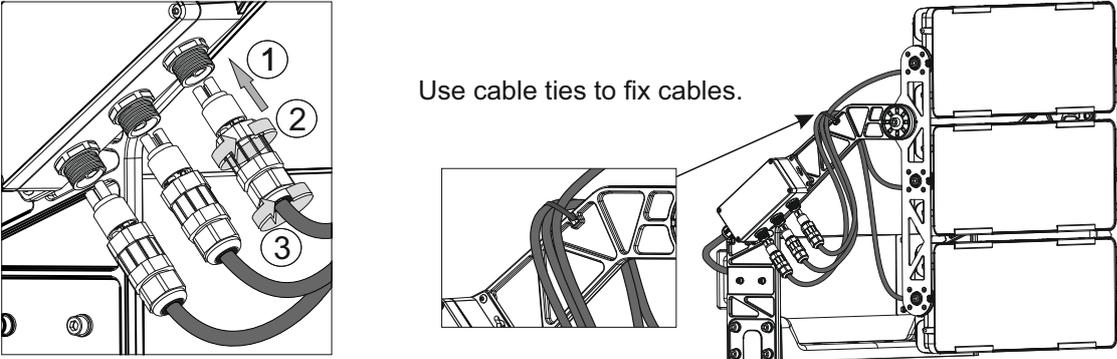
2   **1,5 Nm**

 **M4x16 - 4pcs.**

 **2,5mm**

3 **Wire connection**

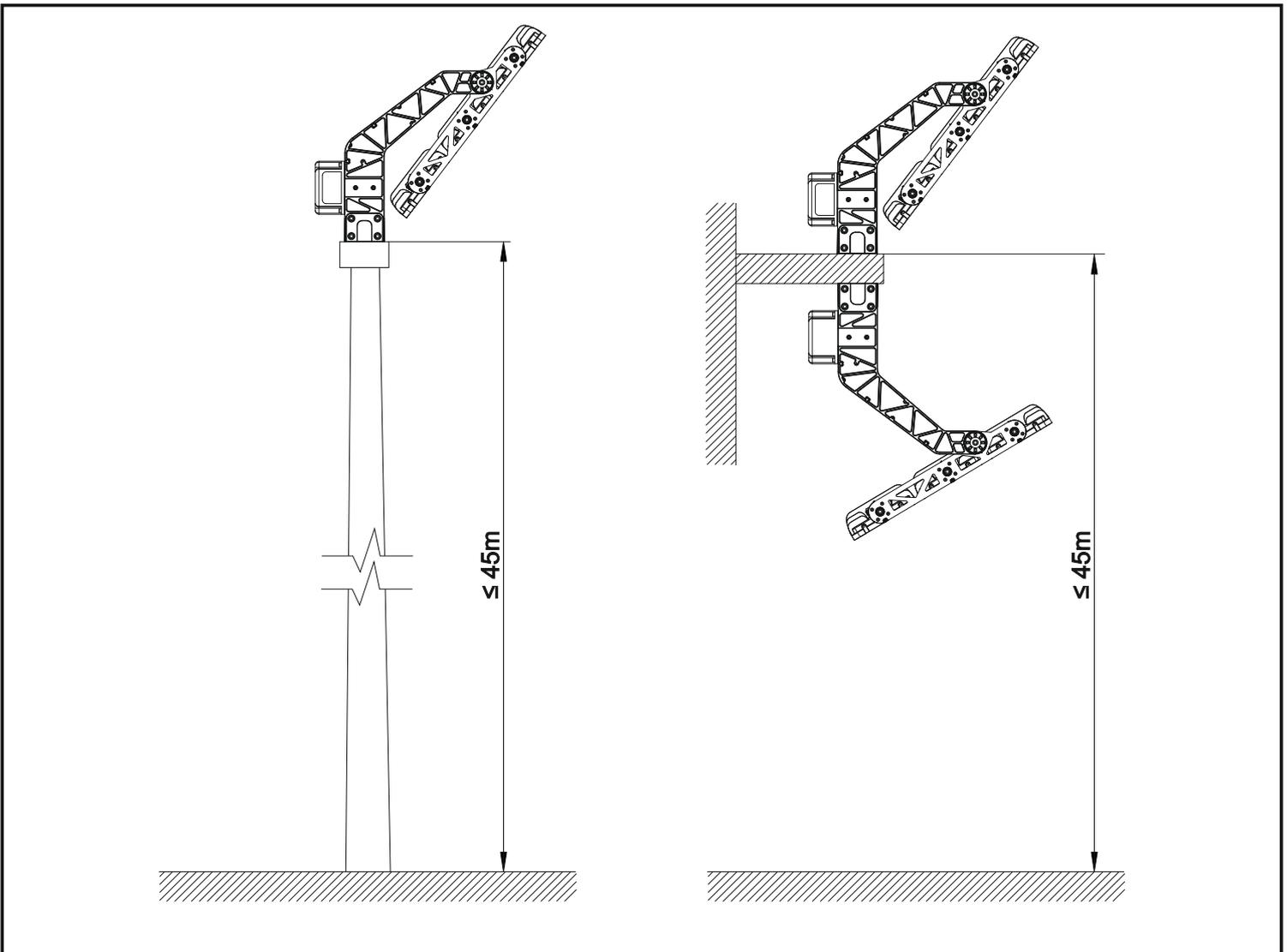
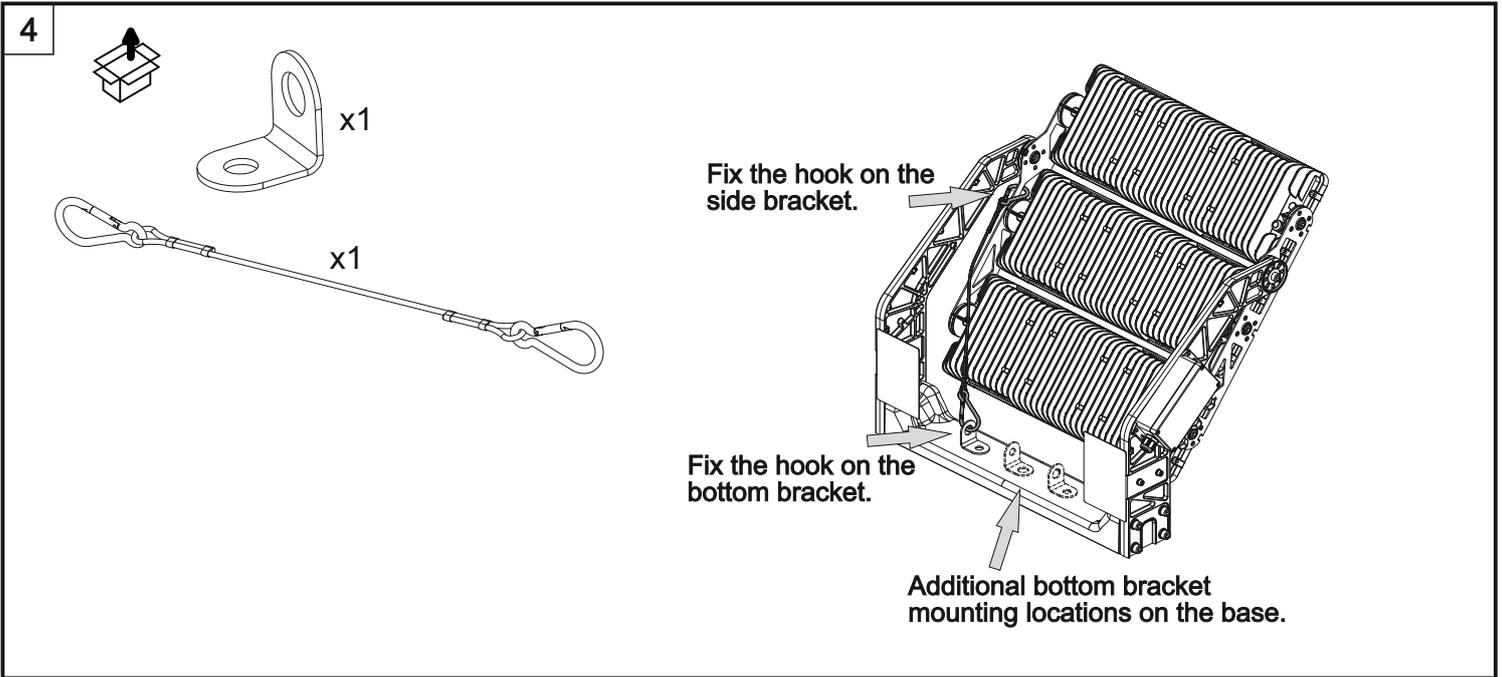
Connect quick connectors to cable connection box. Number of connectors depends on quantity of LED heads. Cables from LED heads are pre-connected.



Use cable ties to fix cables.

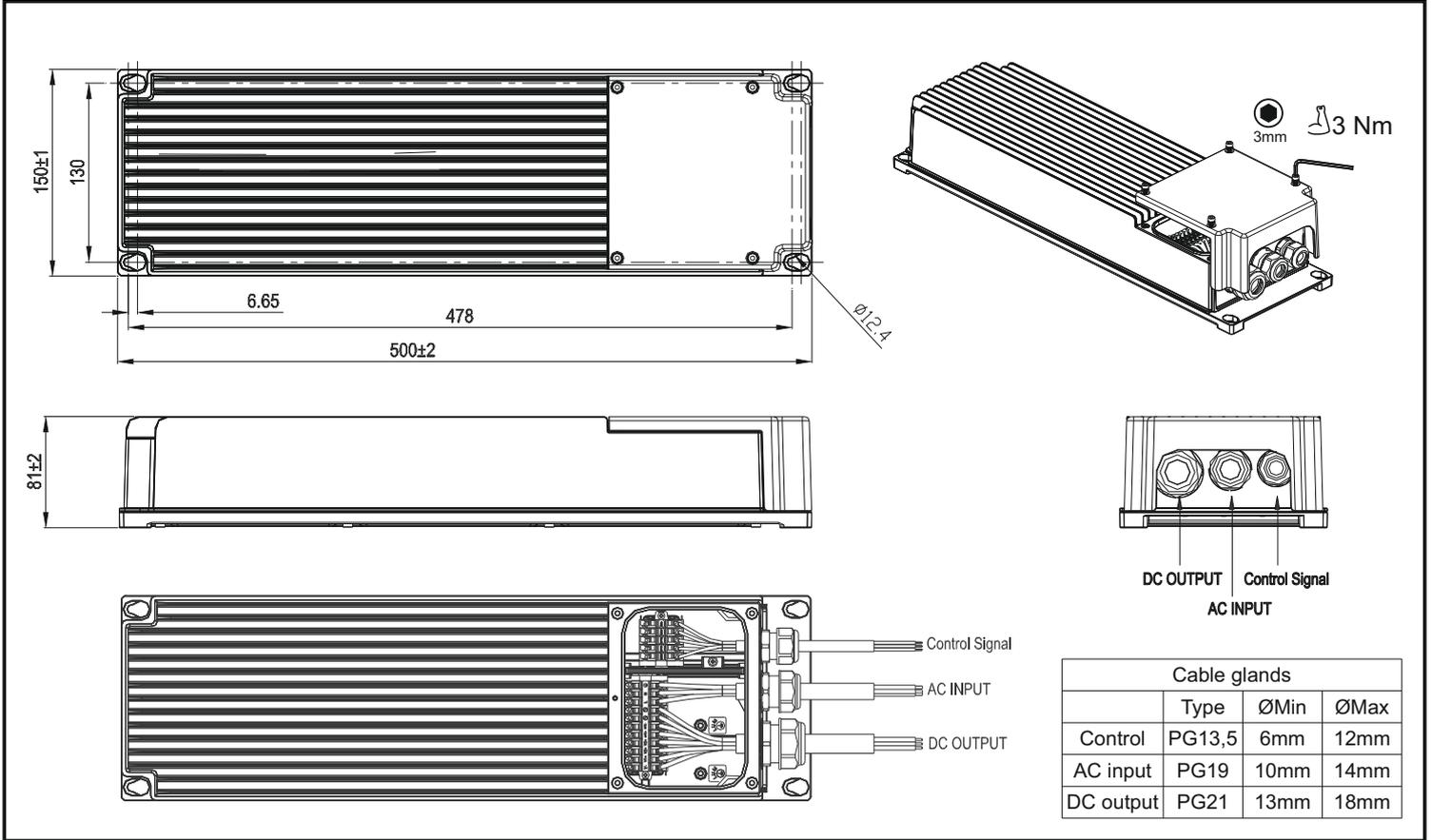
ARENA series LED floodlight

Safety cable installation



ARENA series LED floodlight

Power supply: Type A



Cable glands			
	Type	ØMin	ØMax
Control	PG13,5	6mm	12mm
AC input	PG19	10mm	14mm
DC output	PG21	13mm	18mm

OUTPUT From cable connection box

MAINS L N PE

CONTROL DALI/DMX

Connect cables to driver according wiring schemes and connection markings in the driver terminal block

Ø 6-18

Cable min size: 2x1.5 mm²
3x1.5 mm²
4x1.5 mm²
5x1.5 mm²

The input cable should meet the requirement of IEC 60227 or IEC 60245
Recommended cable type: H07RNF

If the driver installation location is different, use an IP protected cable connector to extend cable from junction box to driver. Connector included.

Connection scheme for 2 head set.

OUTPUT HEAD1 LED HEAD2 LED

MAINS L N PE

CONTROL DMX DALI

Connection scheme for 3 head set.

OUTPUT HEAD1 LED HEAD2 LED HEAD3 LED

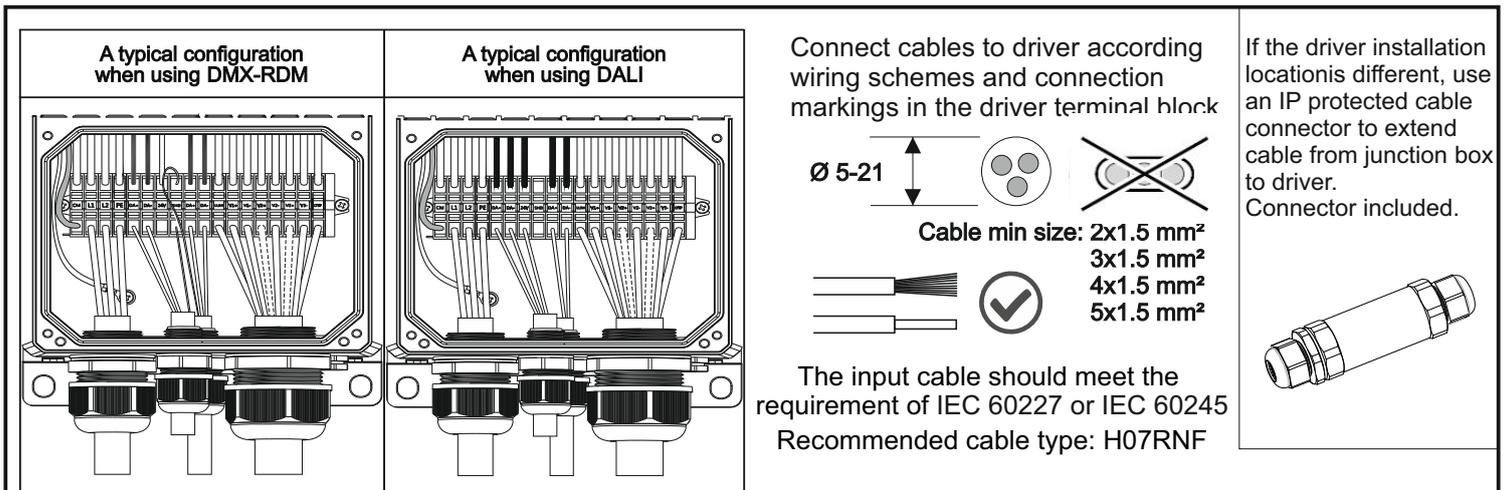
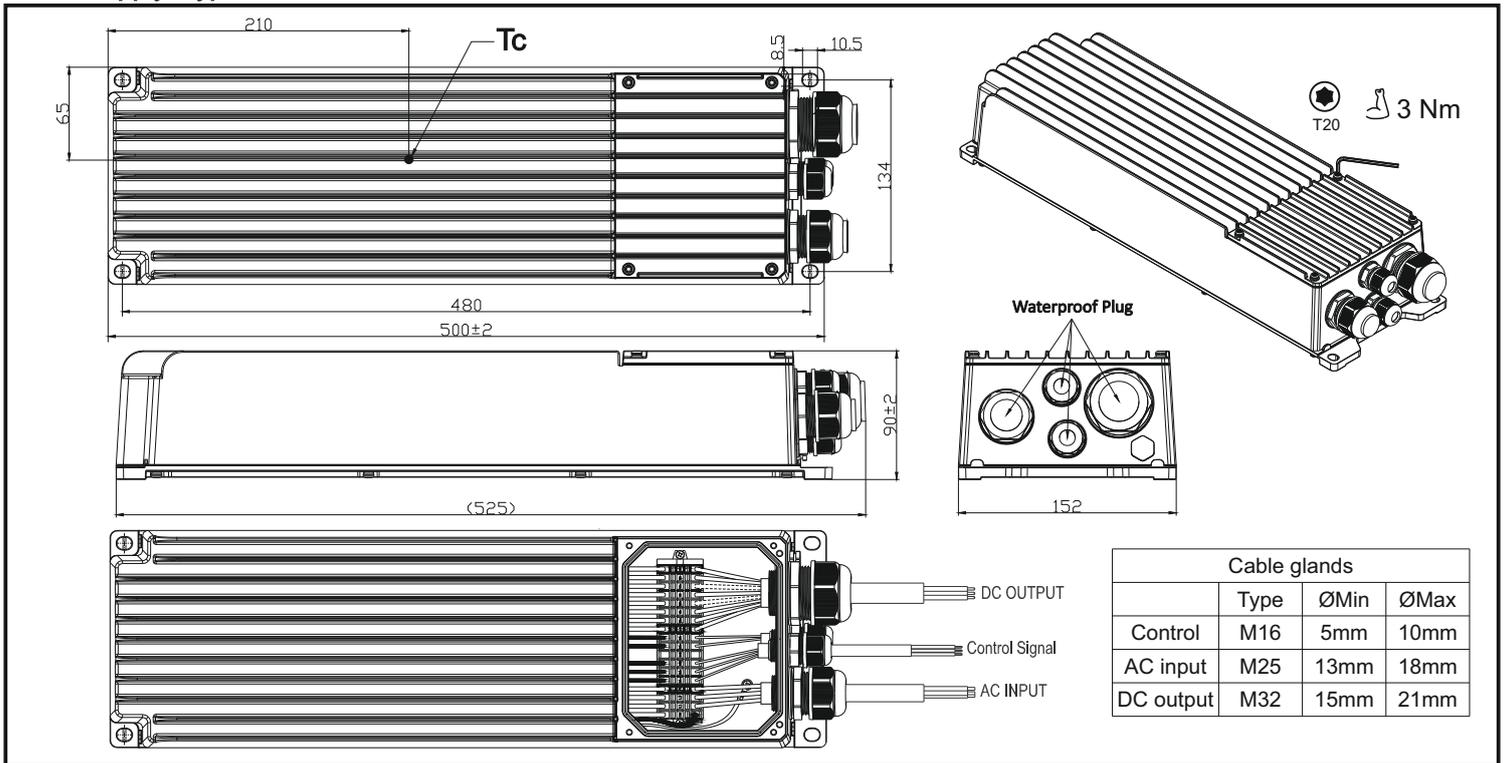
MAINS L N PE

CONTROL DMX DALI

WARNING: Please make sure the power off before operation.

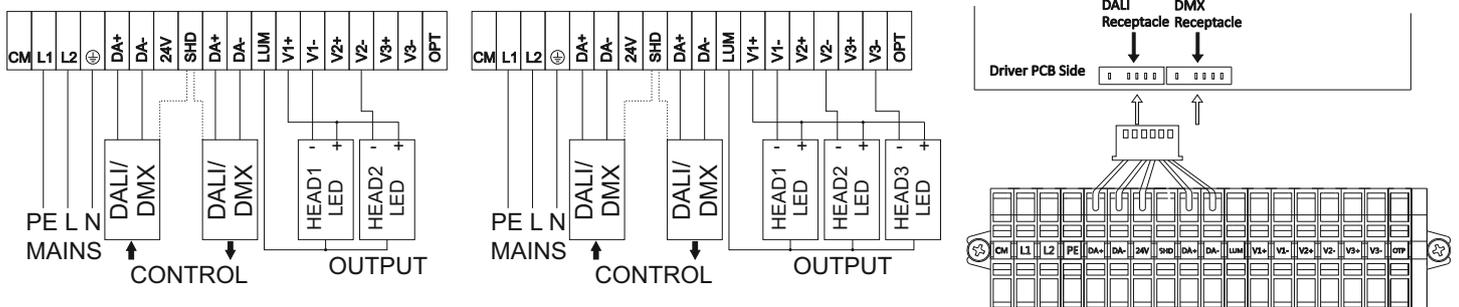
ARENA series LED floodlight

Power supply: Type B



Connection scheme for 2 head set.

Connection scheme for 3 head set.



WARNING: Please make sure the power off before operation.