

IRIS x family LED street luminaire

Mounting instruction

Type: IRIS 0, IRIS 1 and IRIS 2

				LED						IP 66	Ta -40°C +40°C IRIS0 70W	Ta -40°C +50°C IRIS0 10-60W IRIS1 IRIS2	
										IRIS 0	IK 10	IRIS 1 IRIS 2	IK 09

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 lighting, and the wire should be in line with national standards.
5. Input cable can be 2 or 3 cores and the min cross-sectional area of the conductor should be 1.5 mm². The input cable should meet the require of IEC 60227 or IEC 60245.
6. Check to make sure that all the fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.

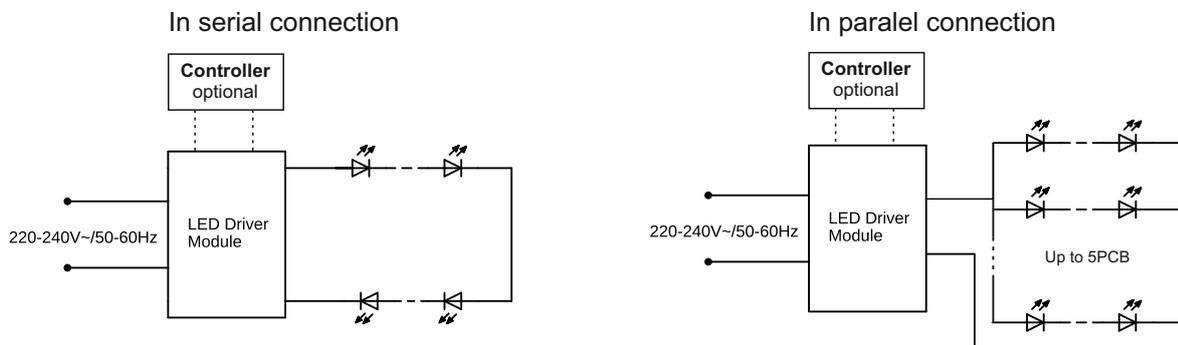
MAINTENANCE OF LUMINAIRE

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!

IRIS x series types, LED quantities, power can be according following table:

	LED quantity		
	8 - 24 LED	8 - 48 LED	32 - 80 LED
Construction type	IRIS 0	IRIS 1	IRIS 2
Power, W	10-70W	10 - 130W	80 - 200W
Weight, kg	max 3,6 kg	max 6,5 kg	max 7,5 kg

Electrical scheme:



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

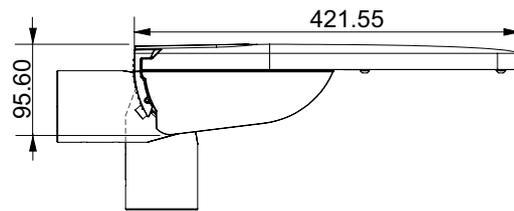
Mounting instructions Type: IRIS0, IRIS 1 and IRIS 2

Product dimensions:

Type IRIS 0

SCx - 0,024m²

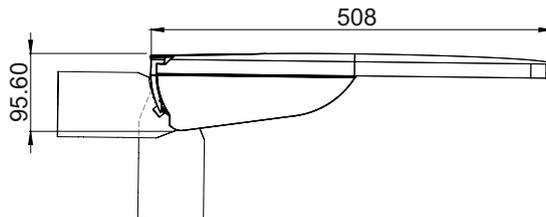
The max mounting height - 12 m



Type IRIS 1

SCx - 0,027 m²

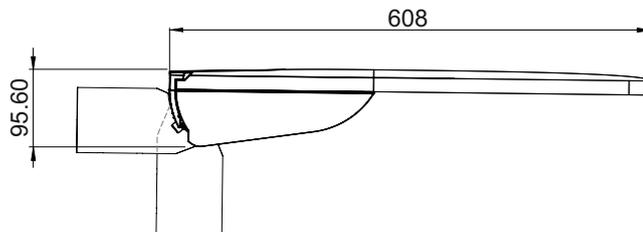
The max mounting height - 12 m



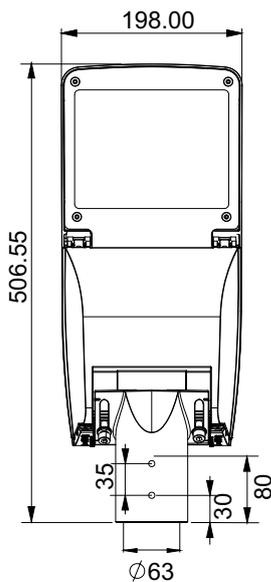
Type IRIS 2

SCx - 0,029 m²

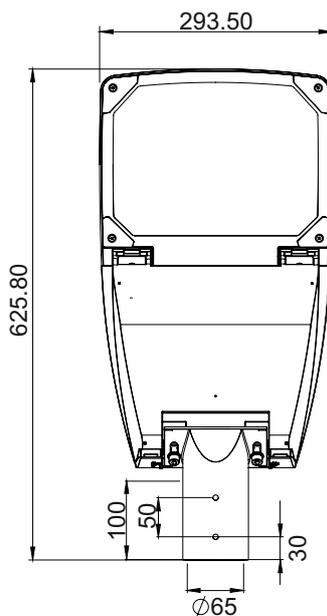
The max mounting height - 15 m



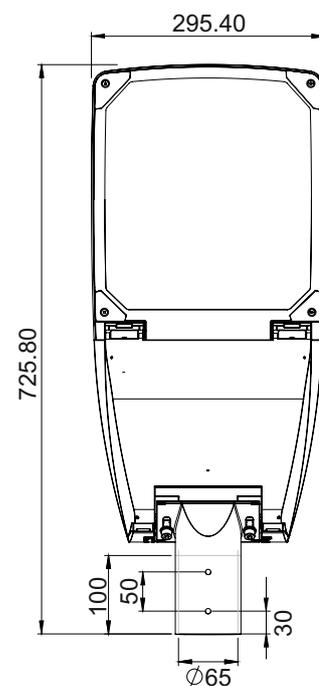
IRIS 0



IRIS 1



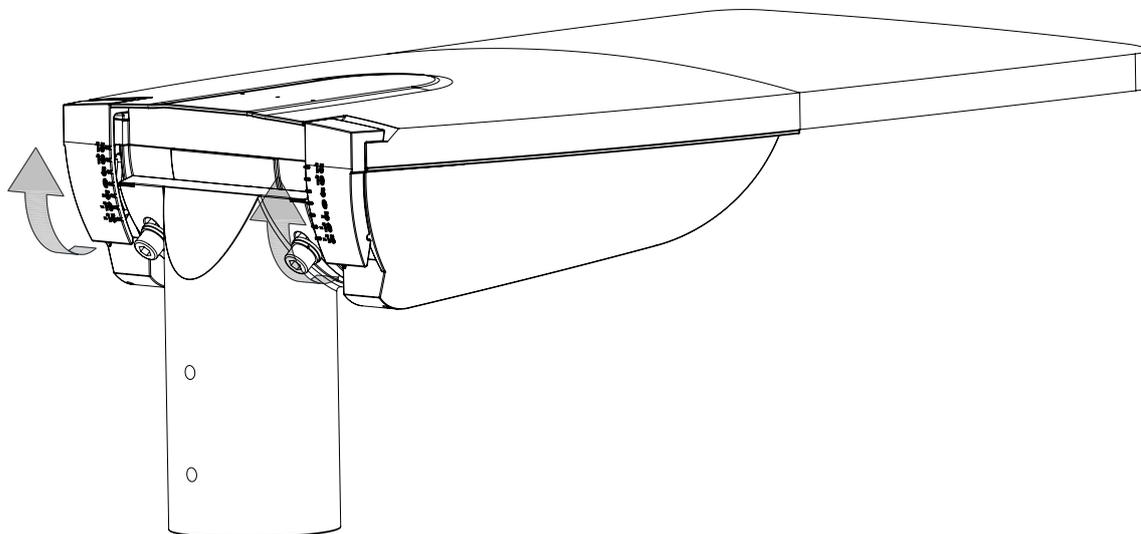
IRIS 2



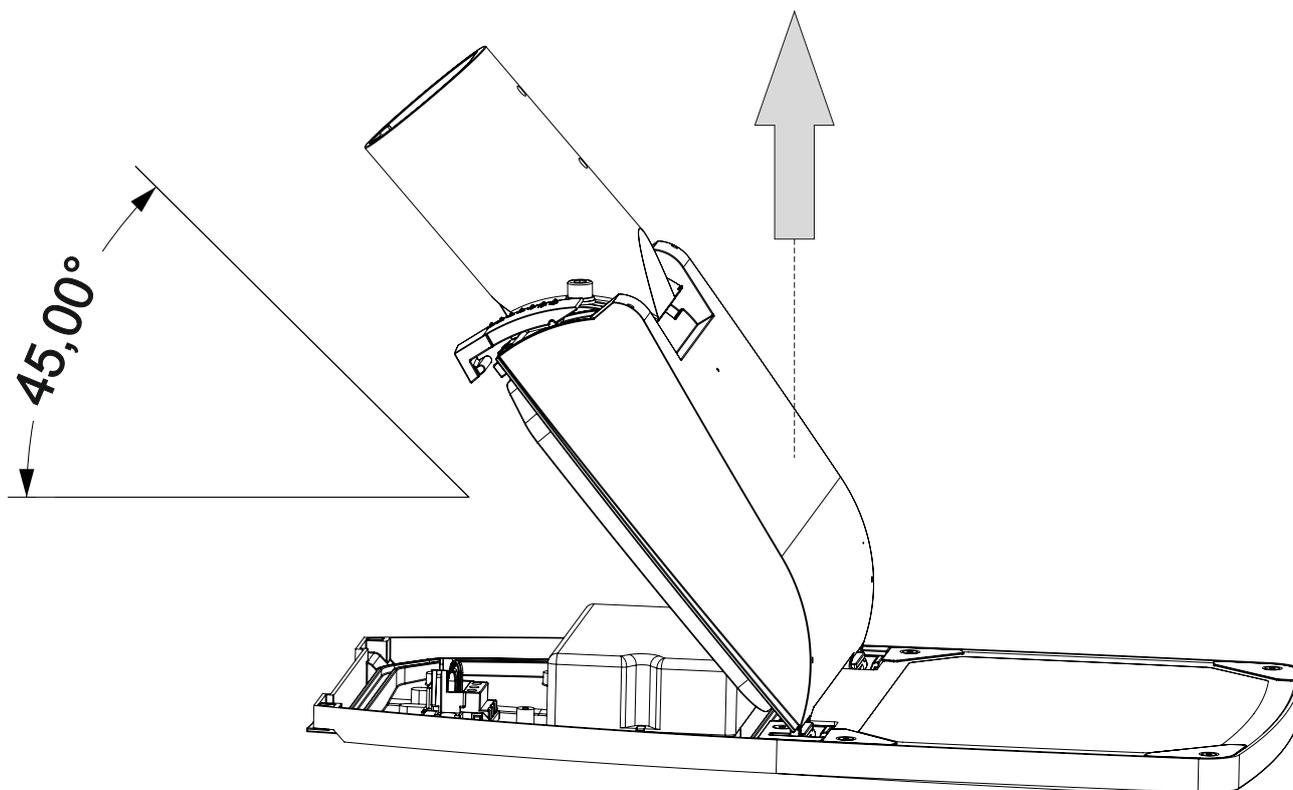
Mounting instructions Type: IRIS0, IRIS 1 and IRIS 2

Mounting instruction:

1. Open locks in back side of luminary.



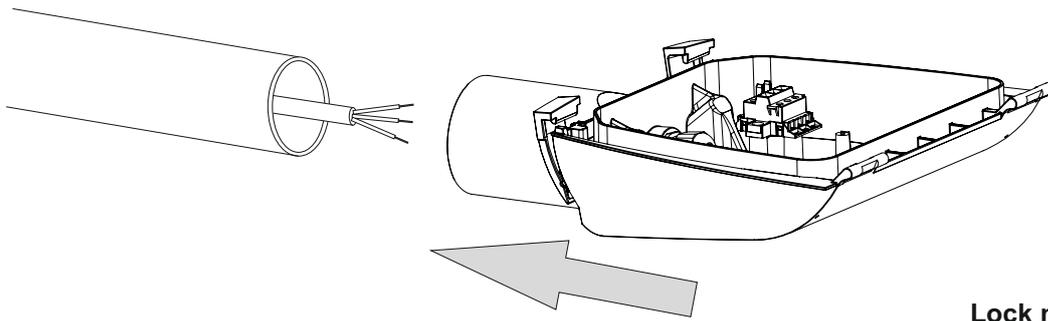
2. Open bottom part in 45° and take it off.



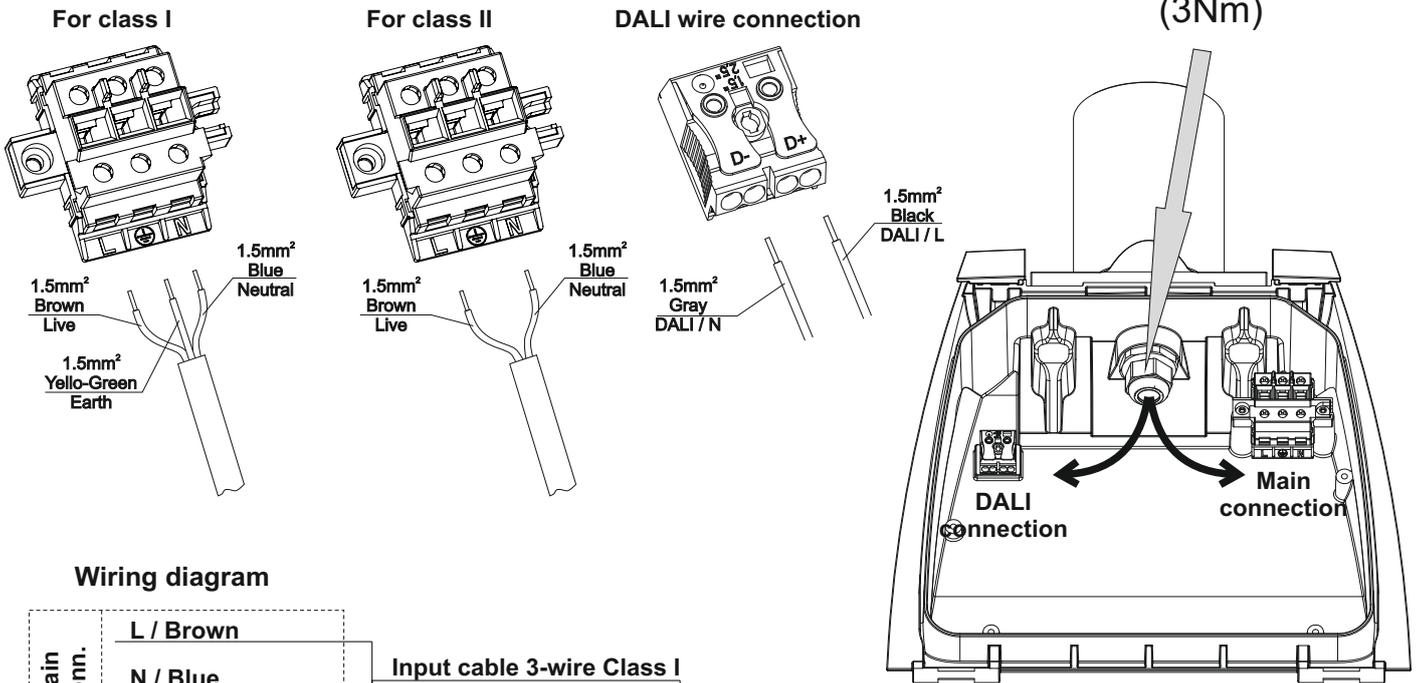
Mounting instructions Type: IRIS0, IRIS 1 and IRIS 2

3. Pole mounting and cable connection.

3.1 Mount the bottom part to the pole. Pass the cable through the cable gland and tighten the cable gland's cap.



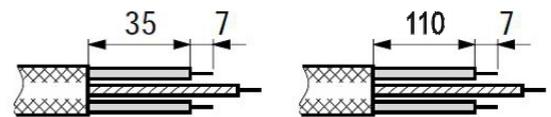
3.2 Cable connection



Wiring diagram

Main conn.	L / Brown	Input cable 3-wire Class I
	N / Blue	
	PE / Yellow-Green	
Main conn.	L / Brown	Input cable 5-wire Class I
	N / Blue	
	PE / Yellow-Green	
DALI conn.	DALI / L / Black	
	DALI / N / Gray	
Main conn.	L / Brown	Input cable 2-wire Class II
	N / Blue	
Main conn.	L / Brown	Input cable 4-wire Class II
	N / Blue	
DALI conn.	DALI / L / Black	
	DALI / N / Gray	

For main connection For main connection + DALI

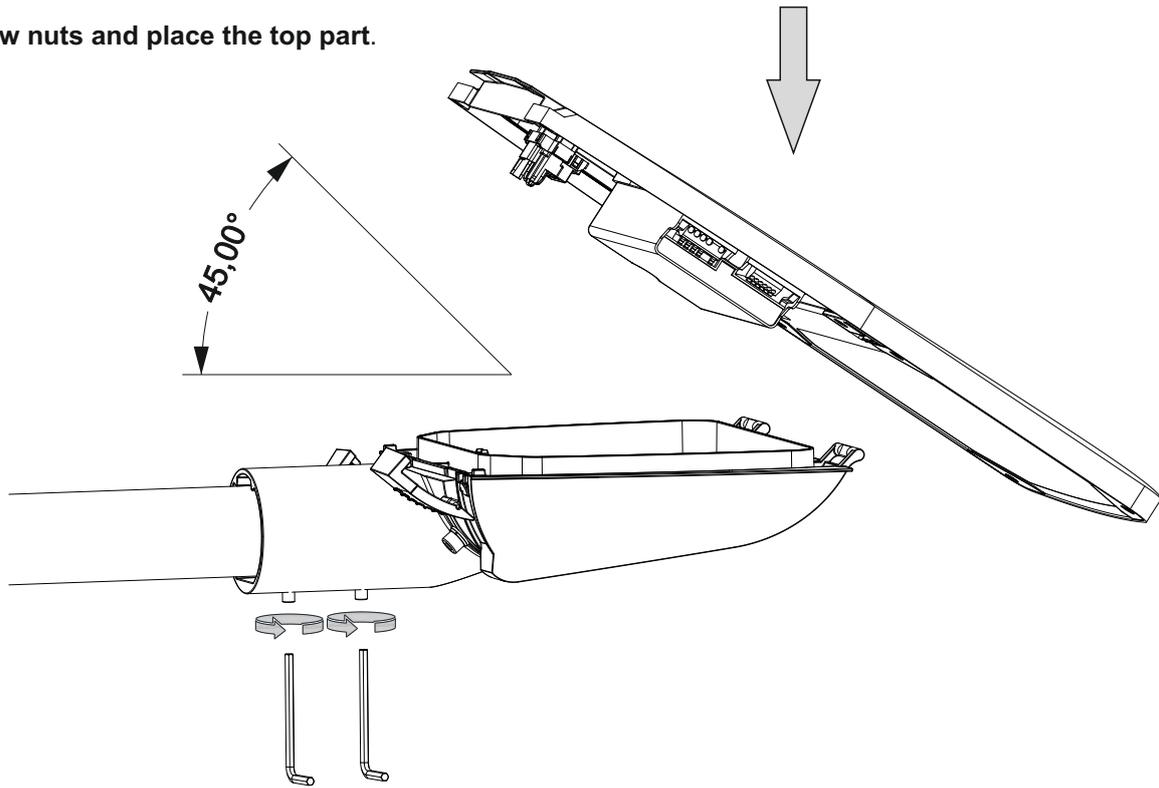


Cable size: 3x1.5 mm² / 2x1.5 mm²
Cable size with DALI: 5x1.5 mm² / 4x1.5 mm²

The input cable should meet the requirement of IEC 60227 or IEC 60245

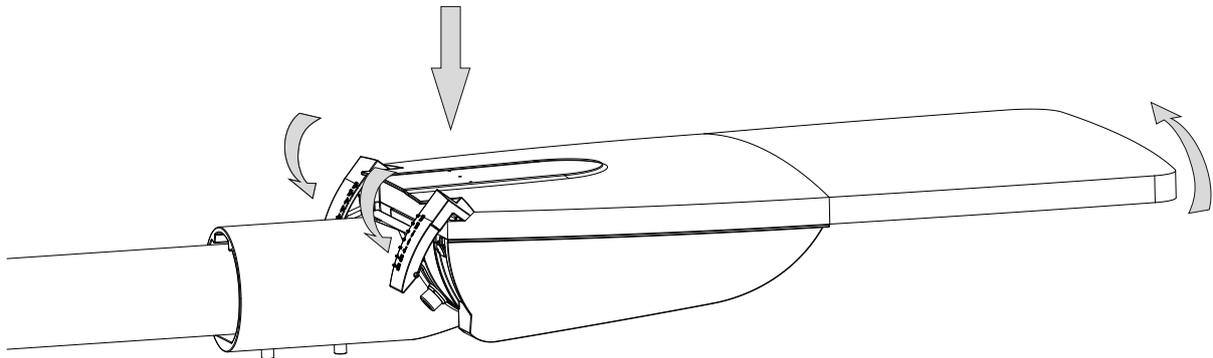
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4. Screw nuts and place the top part.

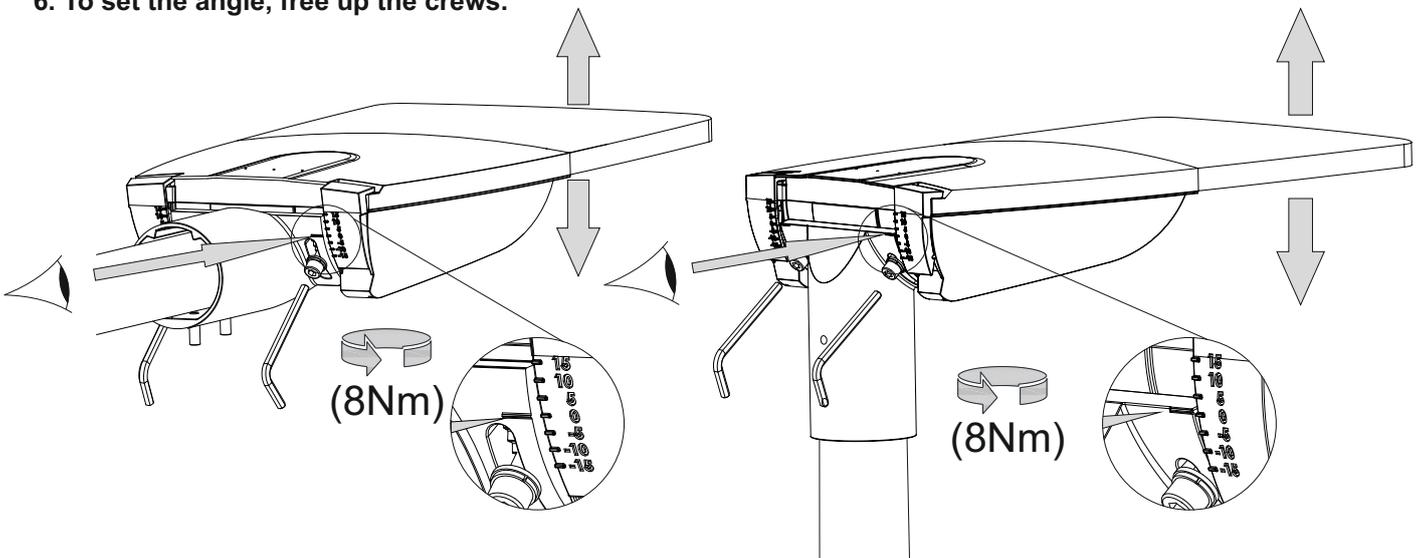


(17Nm)

5. Close the top part and fix clips.



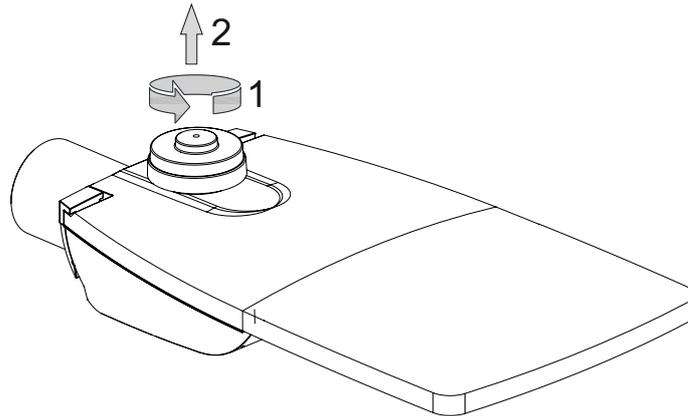
6. To set the angle, free up the crews.



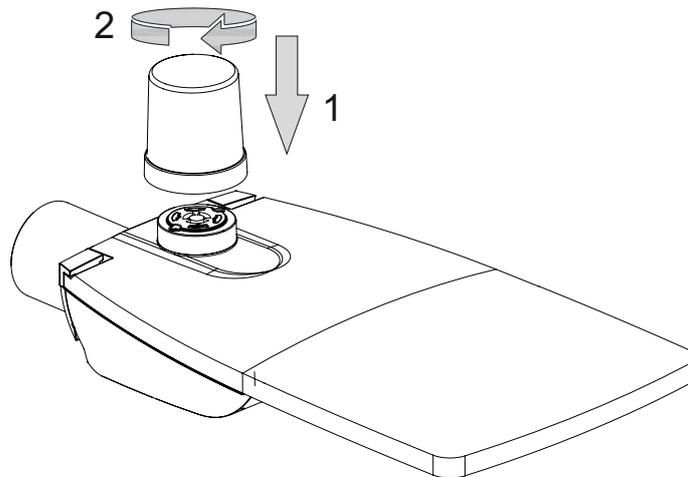
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Mounting of NEMA node:

1. Remove shorting cap.

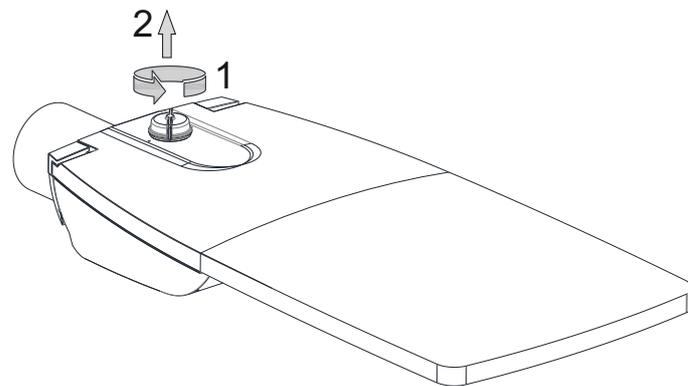


2. Mount and fix node.



Mounting of ZHAGA node:

1. Remove protection cap.



2. Mount and fix node.

