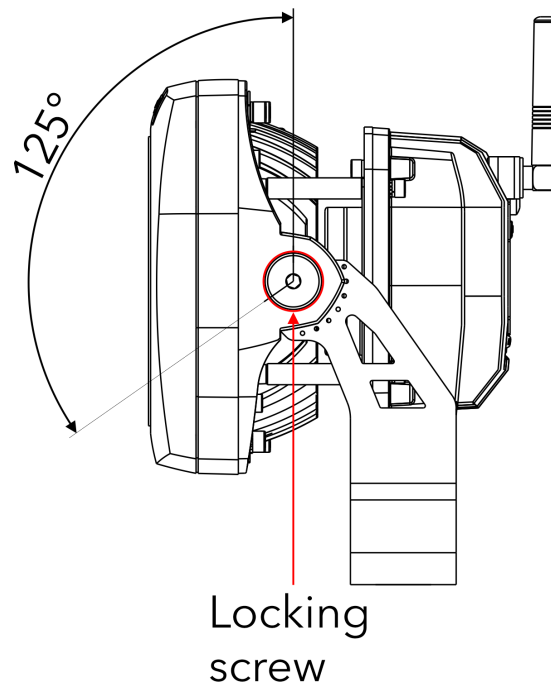
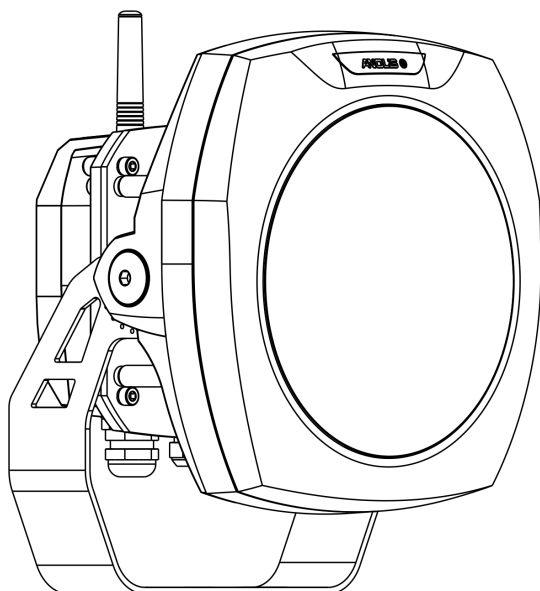


# ARCSOURCE™ OUTDOOR 24MC INTEGRAL

## INSTALLATION INSTRUCTIONS



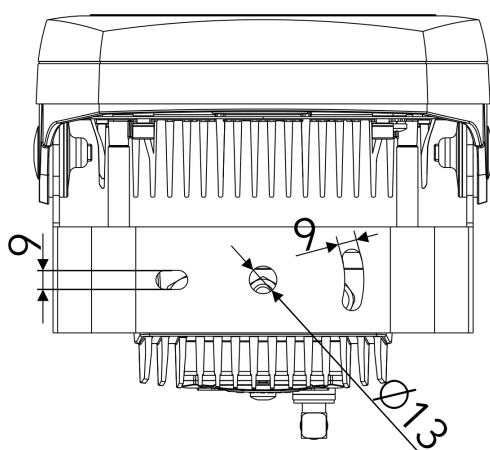
Fixture must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations. This device falls under class one and must be grounded!



Use an Allen key 6 to release M8 tilting lock on each side of luminaire and adjust tilt of LED module in range of +35°/-90°.

### STEP 1A MOUNTING - USING YOKE

1

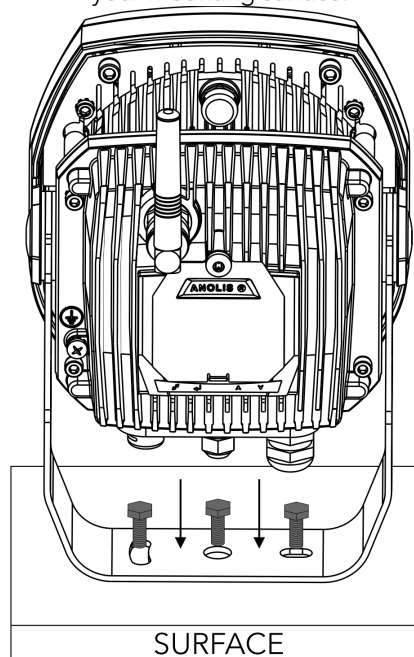


Mount the fixture via suitable mounting holes. Ensure that you are mounting the fixture to a secure and non-flammable surface.

2



Use fasteners that are appropriate for use with your mounting surface.



Fasten the Yoke of the fixture to the surface by three screws.

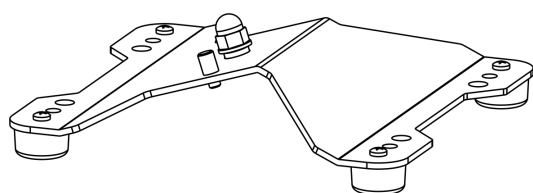
### STEP 1B

#### MOUNTING - USING FLOOR STAND

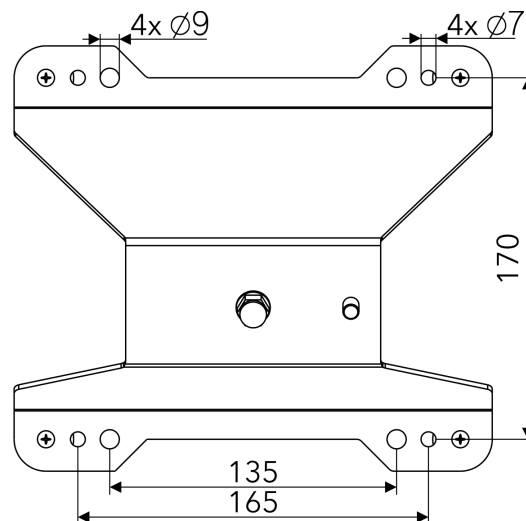
1



Use fasteners that are appropriate for use with your mounting surface.

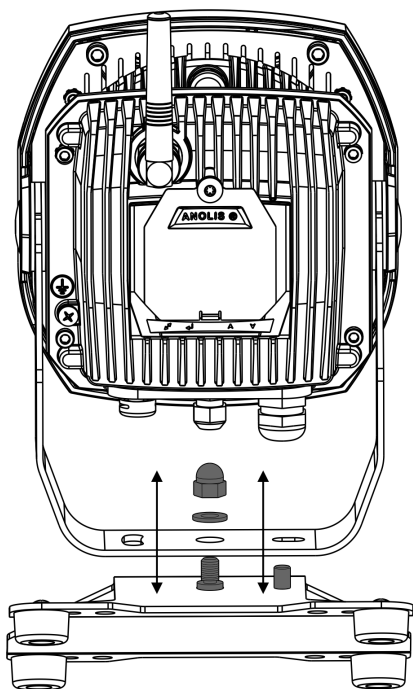


Floor stand.

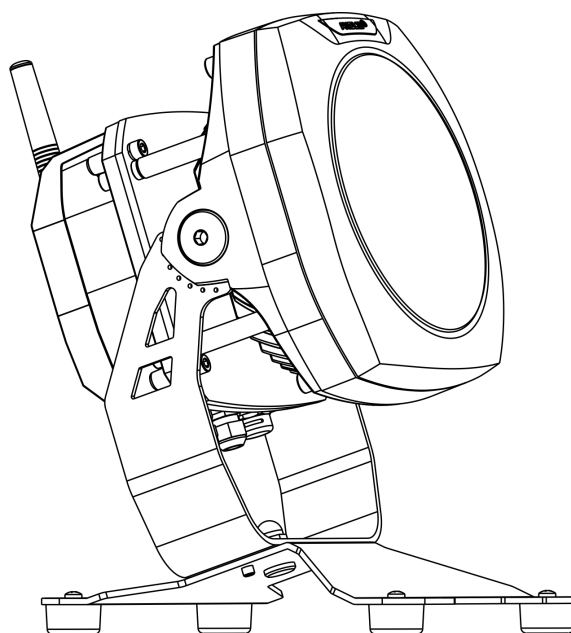


Mount the floor stand to the surface via 4 mounting holes of 9mm or 7mm in diameter.

2



Mount the luminaire to the Floor stand as illustrated on picture above and fasten it by nut with washer to bolt on floor stand.



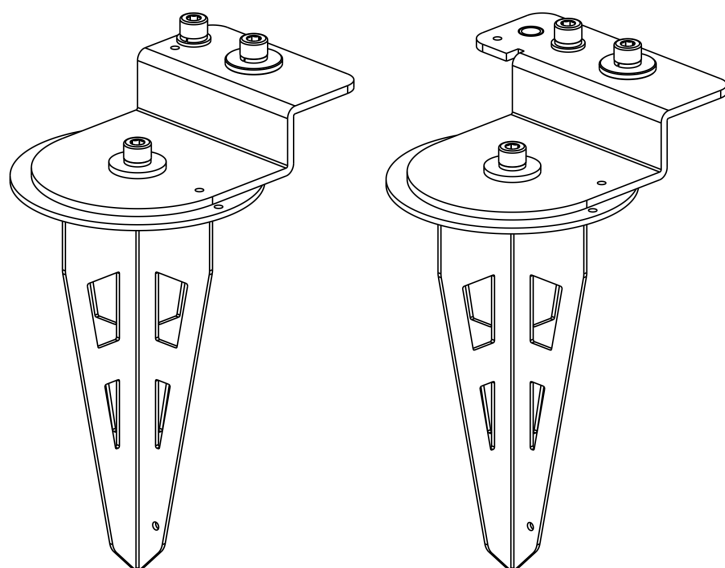
ArcSource Outdoor 24MC Integral mounted on the Floor stand.

# ARCSource™ OUTDOOR 24MC INTEGRAL

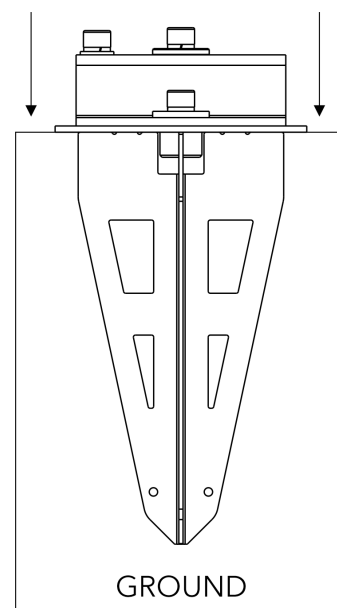
## INSTALLATION INSTRUCTIONS

### STEP 1C

#### MOUNTING - USING LAND SPIKE 100 MM / 130 MM



1

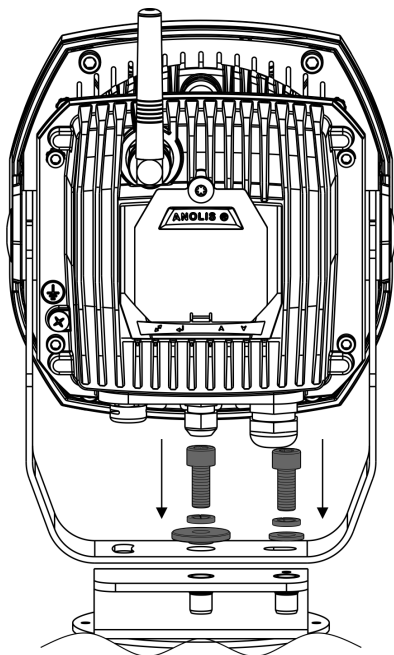


Land spike 100mm and land spike 130mm.

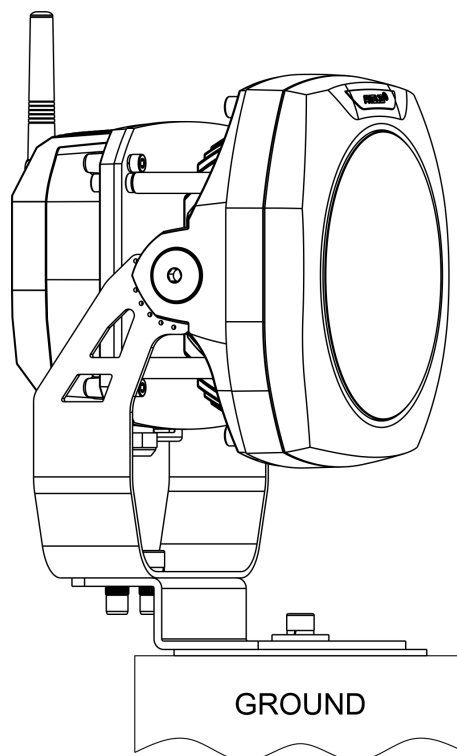
Insert the Land Spike into ground. Underground part of Land Spike should be placed perpendicularly into the ground. (if you need to use tools to insert spike in the ground, use of some protective layer, and applying pressure in the middle is recommended to prevent damaging of land spike)

2

2X  M8x20



Mount the luminaire to the Land spike as illustrated on picture above and fasten it by two screws M8x20 with washers and spring washers.



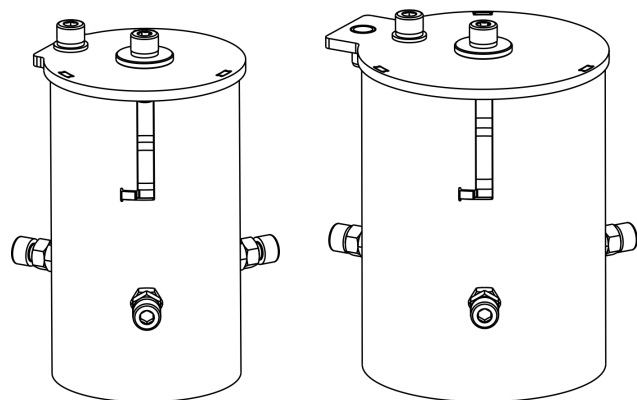
ArcSource Outdoor 24MC Integral mounted on the Land Spike.

# ARCSource™ OUTDOOR 24MC INTEGRAL

## INSTALLATION INSTRUCTIONS

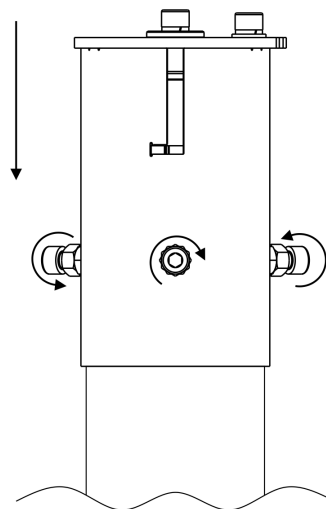


### STEP 1D MOUNTING - USING TENON ADAPTOR DIAMETER 63 - 80 MM / 80 - 106 MM



Tenon Adaptor 63 - 80 mm and Tenon adaptor 80 - 106 mm

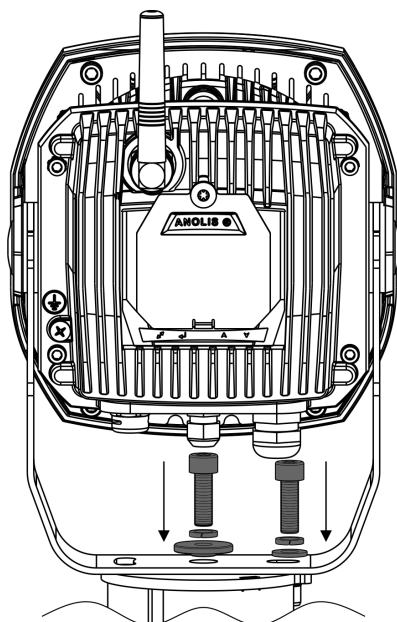
1



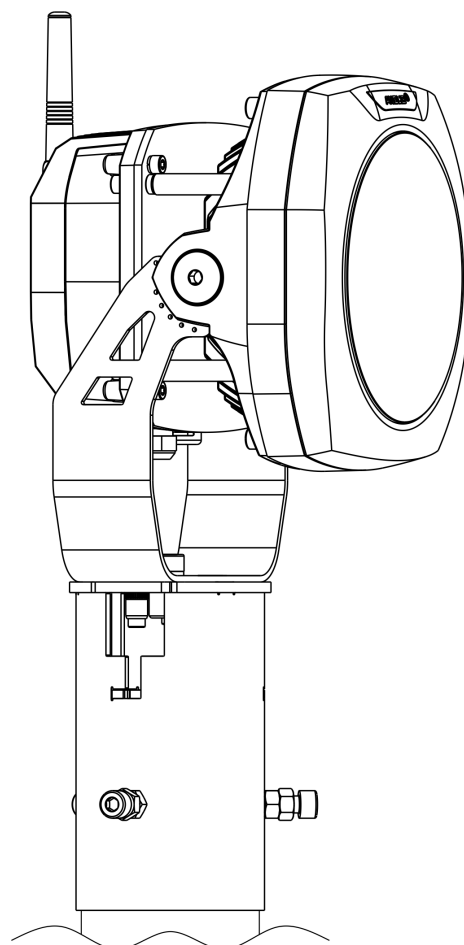
Slide the Tenon Adaptor (mortise) of suitable size on a tenon (e.g. top of a metal post) and fasten in with three screws included in the adaptor.

2

2X  M8x25



Mount the luminaire to the Tenon Adaptor as illustrated on picture above and fasten it by two screws M8x25 with washers and spring washers.

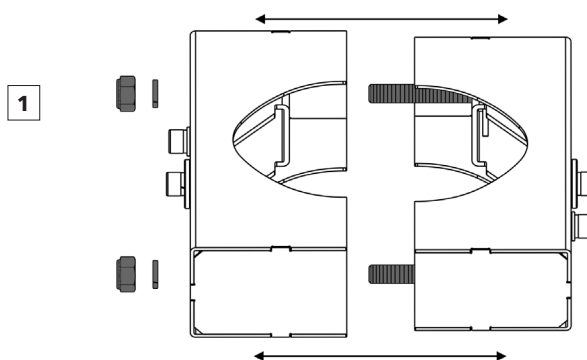
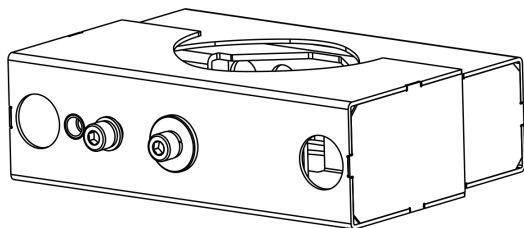


ArcSource Outdoor 24MC Integral mounted on the Tenon Adaptor.

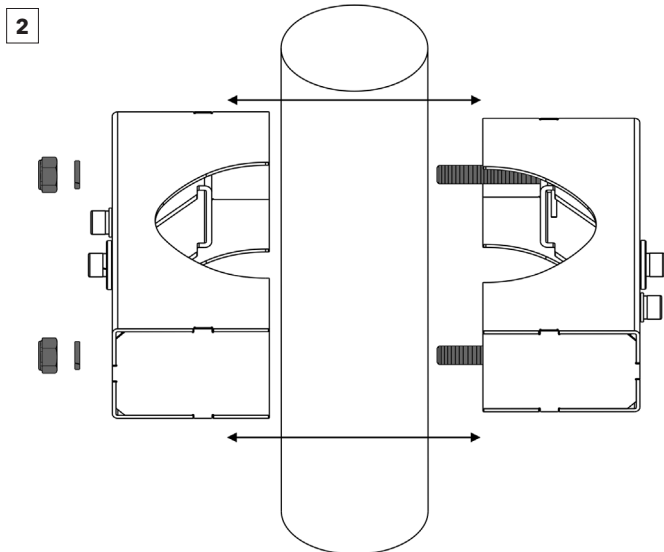
# ARCSource™ OUTDOOR 24MC INTEGRAL

## INSTALLATION INSTRUCTIONS

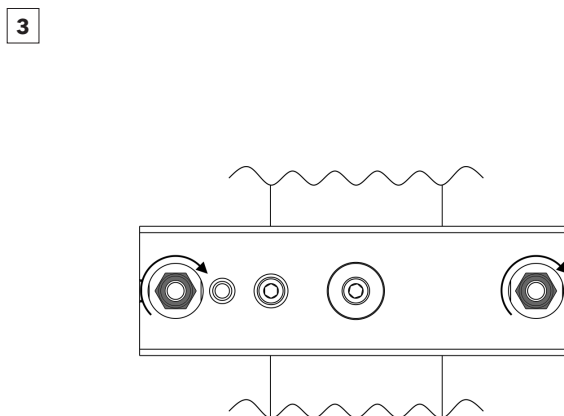
### STEP 1E MOUNTING - USING POLE CLAMP DIAMETER 63 - 80 MM / 80 - 105 MM



Disassemble the Pole Clamp by unscrewing both nuts from bolts.

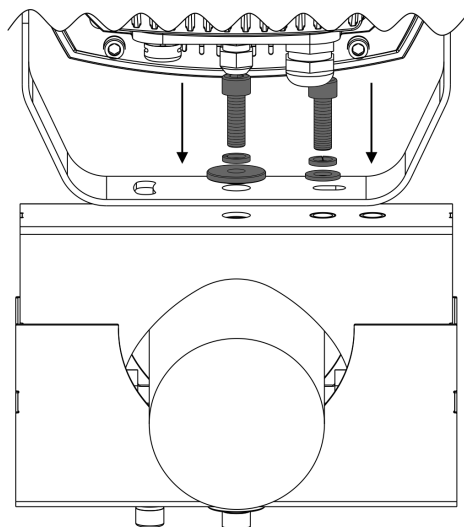


Mount the Pole Clamp to a pole and fasten it by screwing both nuts with washers back to its bolts. Adjust the Pole Clamp to ensure its correct position before tightening it completely..

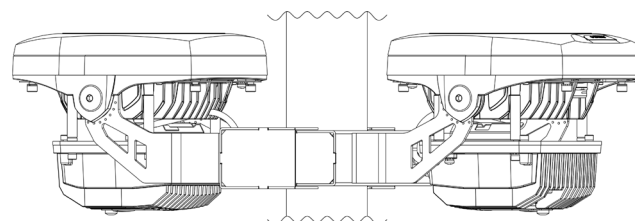


When in correct position, tighten both nuts completely.

4  
2X  M8x25

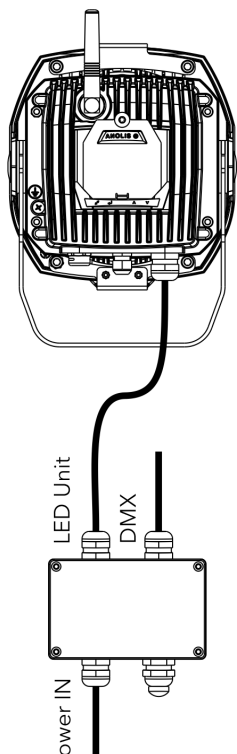


Place the luminaire to the Pole Clamp as illustrated on picture above and fasten it by two screws M8x25 with washers.

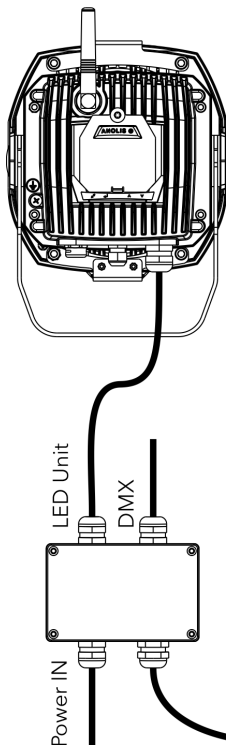


ArcSource Outdoor 24MC Integral mounted on each side of Pole Clamp.

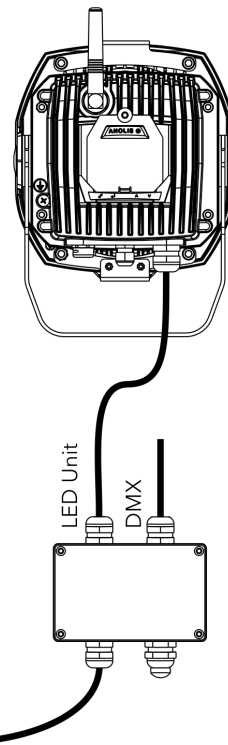
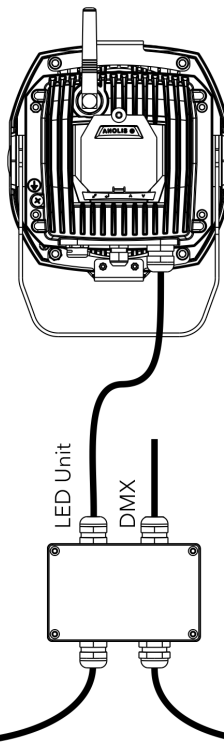
### STEP 2 CONNECTION



Single luminaire connection.  
Connect DMX IN and Power cable to a Junction box and Power/data cable from the Junction box to the luminaire.

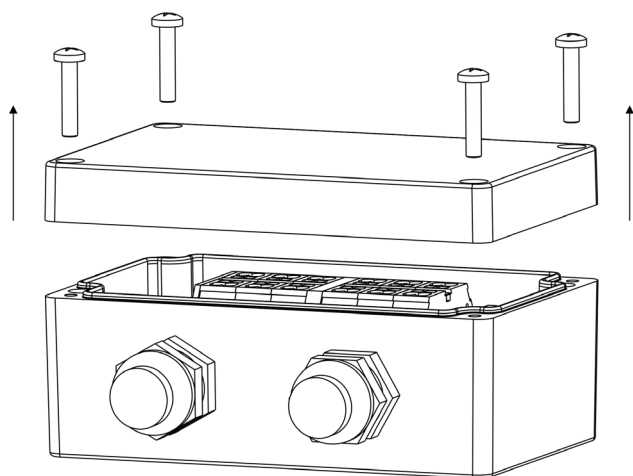


Multiple luminaire connection.  
Use power/data cable for connection between Junction boxes as illustrated on picture below. Notice the change of connection between first two and all following junction boxes of the daisy chain line.





#### 1 Removing the Cover of Junction Box

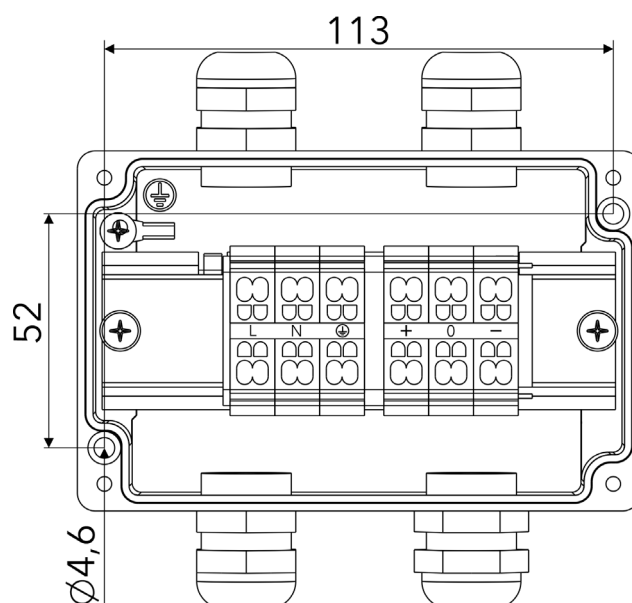
4X  M4x20



Open the Junction Box by unscrewing 4 M4x20 screws and lifting up the cover.

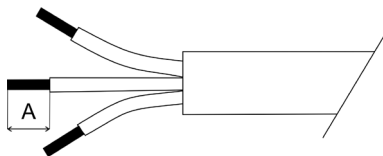
#### 2 Install Housing

 Use fasteners that are appropriate for use with your mounting surface. 



Mount the Junction Box to a surface via two mounting holes and suitable fasteners.

3 Strip these lengths for wire connections



A	
Power Connection	9 mm
Data Connection	7 mm

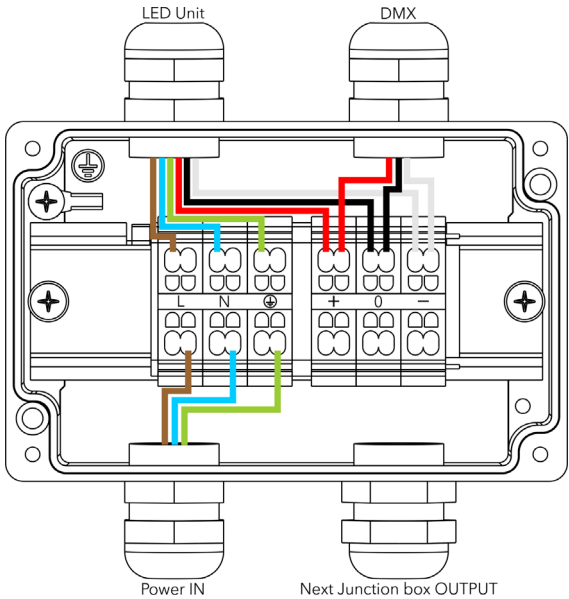
4 Connection - colour coding

Power Connection - Power IN			
	L	N	GROUND
Core (EU)	Brown	Blue	Green/Yellow
Core (US)	Black	White	Green

DMX CONNECTION		
0 V	D-	D+
Data Ground	Data -	Data +

Cable CE/US Leader - LED Output	
WIRE	DATA AND POWER CONNECTION
Brown	Live
Blue	Neutral
Yellow/Green	Ground
Red	+
White	-
Shielding	0

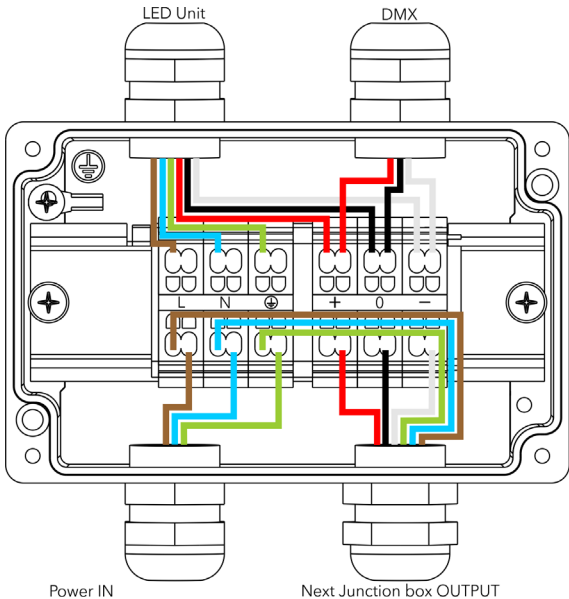
5A Wiring connection - single LED unit



EU color code shown

Connection scheme for the installations of single luminaire.

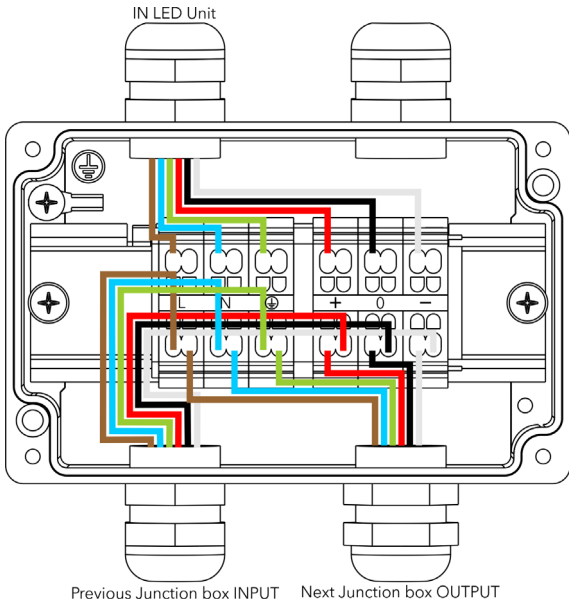
5B Wiring connection - Daisy chain - First Junction Box



EU color code shown

Connection scheme for the first Junction Box in daisy chain line.

5C Wiring connection - Daisy chain - Following Junction Boxes



EU color code shown

Connection scheme for each following Junction Box in daisy chain line. Only power/data cables are used.



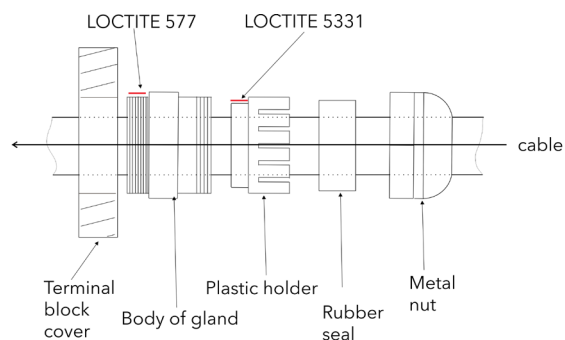
# ARCSource™ OUTDOOR 24MC INTEGRAL

## INSTALLATION INSTRUCTIONS

### 6 Cable gland installation

Use wrench size 24 for cable gland M20x1.5

Install Cable glands individually!

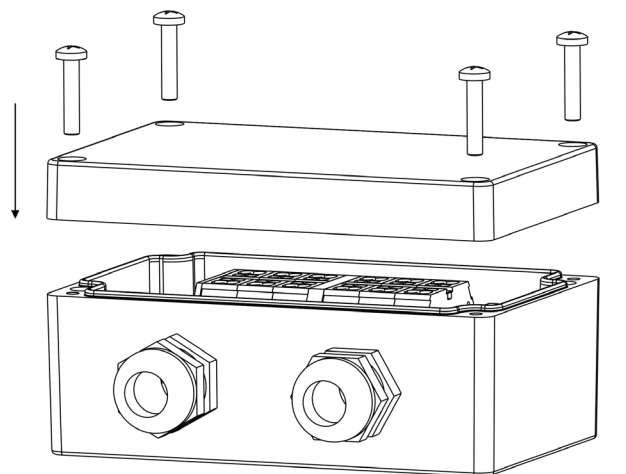


Apply Loctite 5331 thread sealant on the plastic holder and Loctite 577 thread locking compound on the gland body in the indicated locations prior to assembly.

**Failure to properly install cable glands will result in failure of the water tight seal!**

### 7 Close junction box

4X  2 Nm

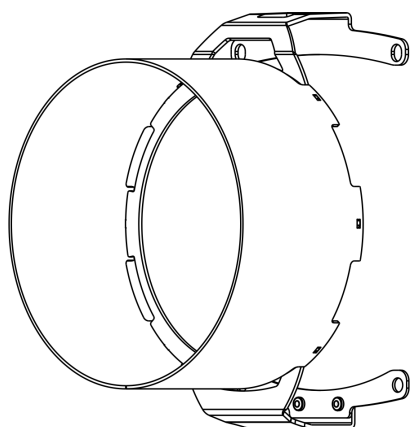


Install safety cover and top cover back.

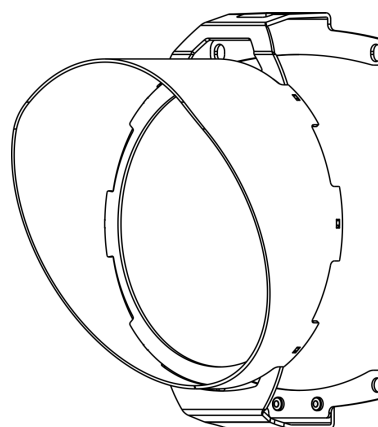
Before applying the torque, make sure the thread is clean and functional.

## STEP 3 INSTALLATION ACCESSORIES

Top Hat



Half Top Hat



Top Hat and Half Top Hat.  
(Identical installation instructions)

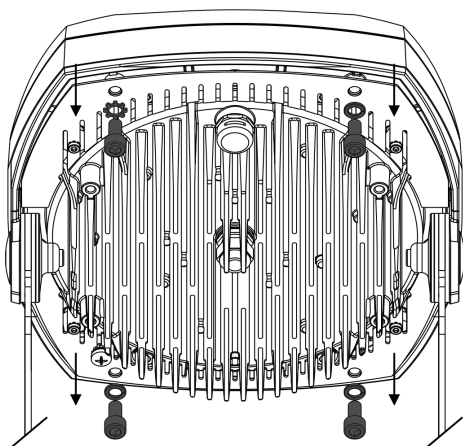


# ARCSource™ OUTDOOR 24MC INTEGRAL

## INSTALLATION INSTRUCTIONS

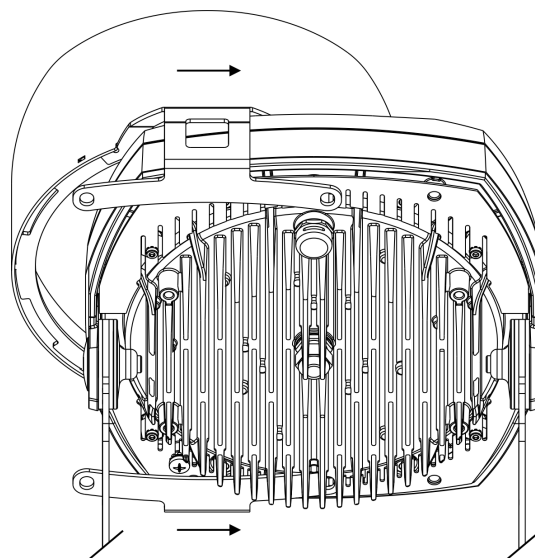
1

4X  M6x12



Unscrew 4 M6x12 screws from rear side of the luminaire as highlighted on picture above.

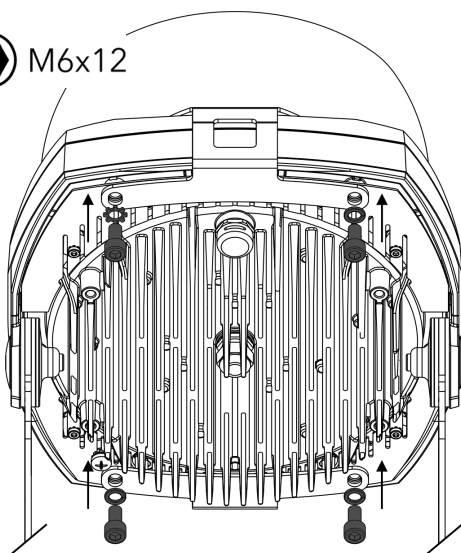
2



Slide the accessory on the luminaire from a side.

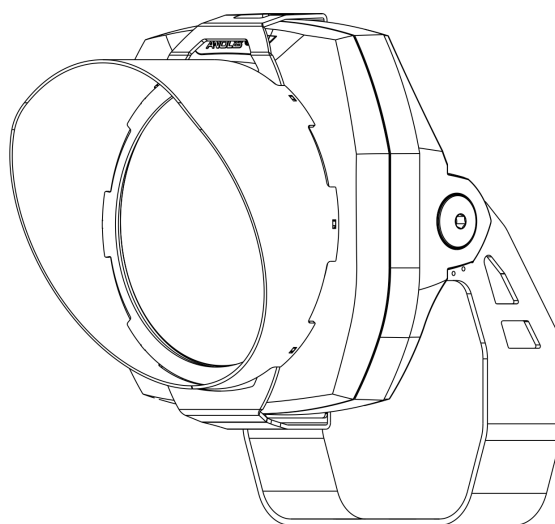
3

4X  M6x12



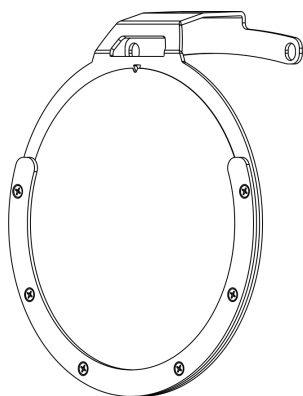
Fasten the accessory to the rear side of luminaire with four M6x12 screws and spring washers.

4



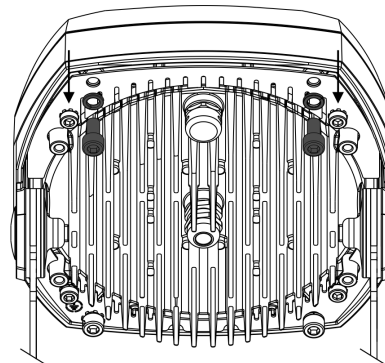
ArcSource Outdoor 24MC Integral with Half Top Hat.

Optical demo set



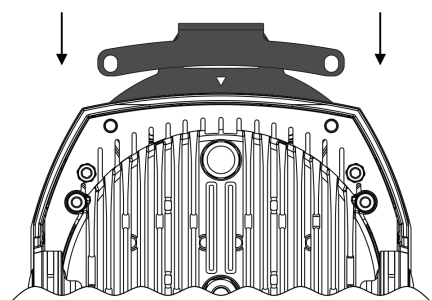
1

2X  M6x12



Unscrew two M6x12 screws from the rear side of luminaire as highlighted on a picture above.

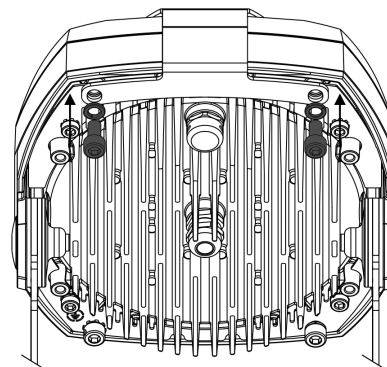
2



Slide the Optical demo set on the luminaire.

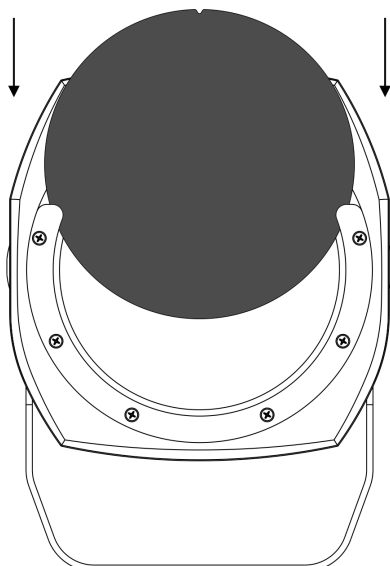
3

2X  M6x12

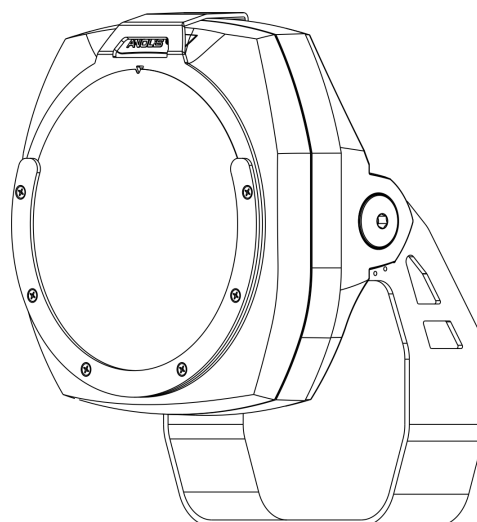


Fasten the accessory to the rear side of luminaire with two original screws and washers.

4



Slide an optical foil into Optical demo set.



ArcSource Outdoor 24MC Integral with Optical demo set.