# INSTALLATION INSTRUCTIONS
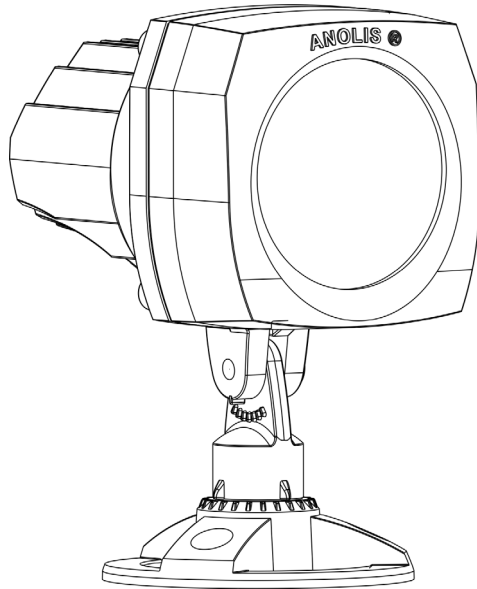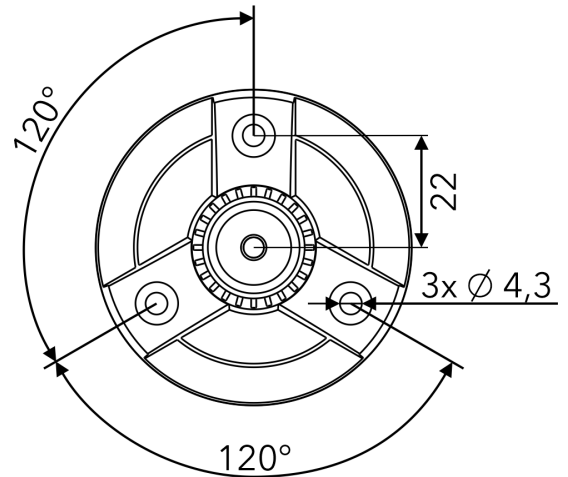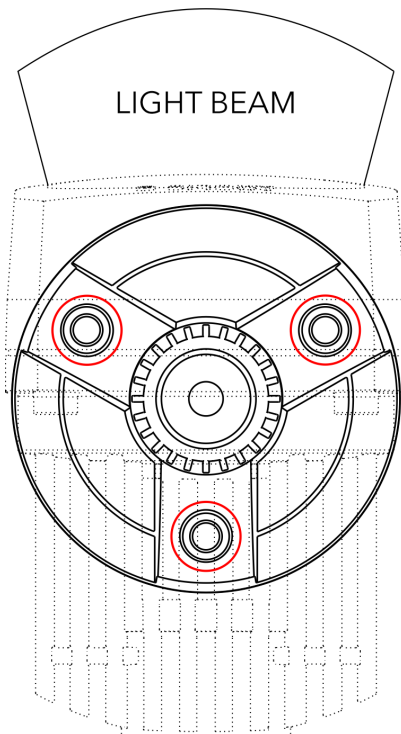## ARCSOURCE OUTDOOR 4MC

**Anolis**

⚠ Fixture must be installed by a qualified electrican in accordance with all national and local electrical and construction codes and regulations. This device falls under class one and must be grounded! ⚠
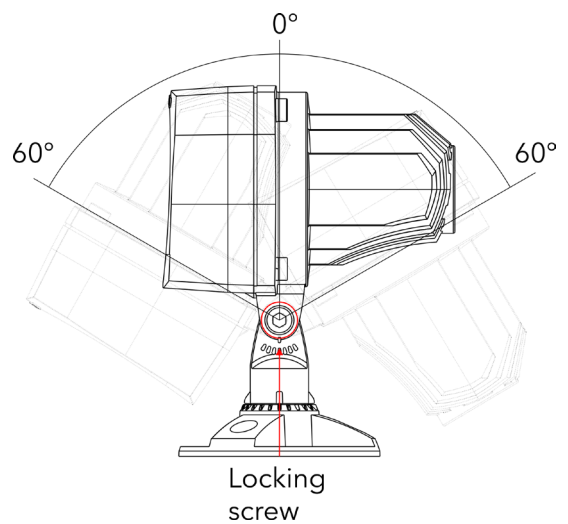
**STEP 1**
**FIXTURE'S HOUSING**



120°

22

3x ∅ 4,3

120°

---

**1**



LIGHT BEAM

Three holes of diameter 4.3mm in the base serve for mounting on the non-flammable surface.

**2**



0°

60°          60°

Locking screw

The luminaire head can be adjusted in range of 120°. Loosen a locking screw M5x12, tilt it to desired position and tighten the screw.

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## STEP 2A
### MOUNTING - STANDARD BASE

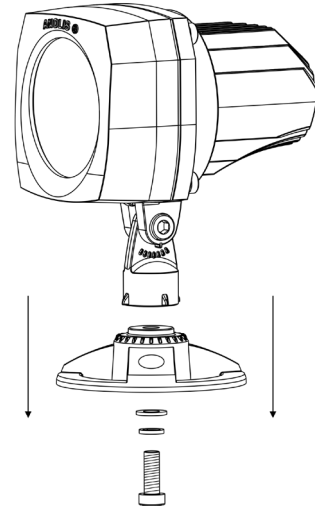⚠️ Use fasteners that are appropriate for use with your mounting surface. ⚠️
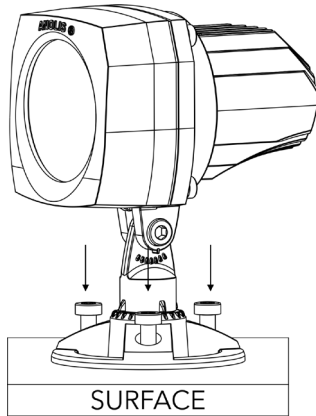


SURFACE

Fasten the base of luminaire into the mounting surface with three screws.

## STEP 2B
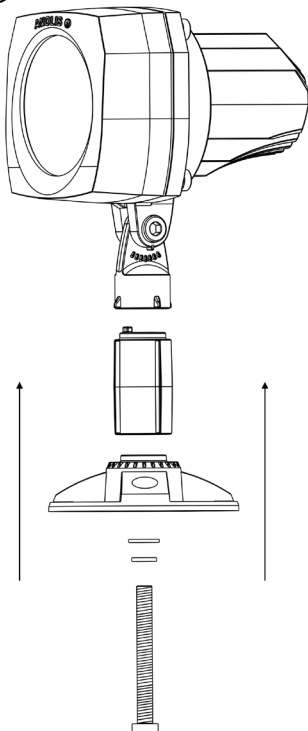### INSTALLATION OF 31MM ADAPTOR AND MOUNTING

**1**

1X ⬡ M5x14



Unscrew M5x14 from the bottom part of base and disassemble the base from the luminaire.
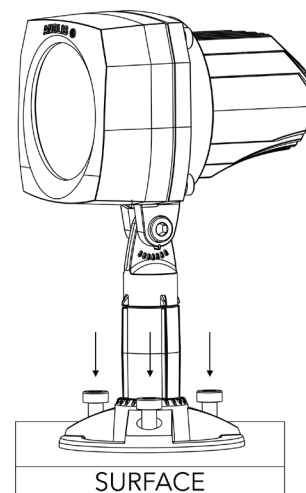
**2**    1X ⬡ M5x45



1. standard washer
2. spring washer
3. screw

Assemble the 31mm adaptor between the luminaire and the base. Locking pin of the adaptor has to placed correctly into matching part of the luminaire. Screw the luminaire, adaptor and base together with M5x45, spring washer and standard washer.

**3**

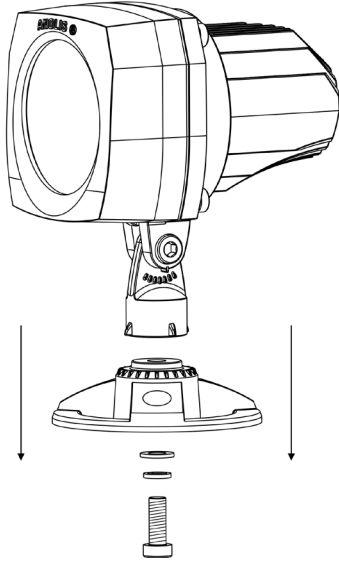⚠️ Use fasteners that are appropriate for use with your mounting surface. ⚠️



SURFACE

Fasten the base of luminaire into the mounting surface with three screws.

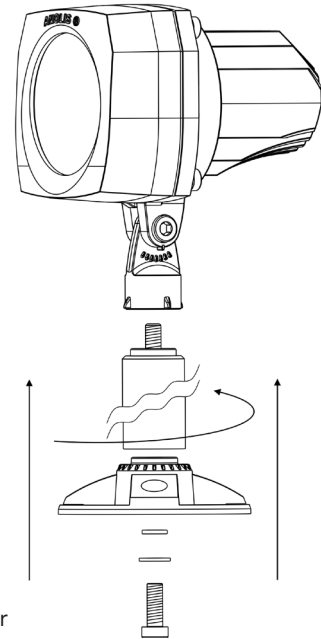**STEP 2C**
**INSTALLATION OF 100MM ADAPTOR STAND AND MOUNTING**

**1**

1X ⬡ M5x14



Unscrew M5x14 from the bottom part of base and disassemble the base from the luminaire.

**2**

1X ⬡ M5x14



1. standard washer
2. spring washer
3. screw

Screw the 100mm adaptor into luminaire by bolt on adaptor. Fasten the base to the adaptor with original M5x14 screw and washers.
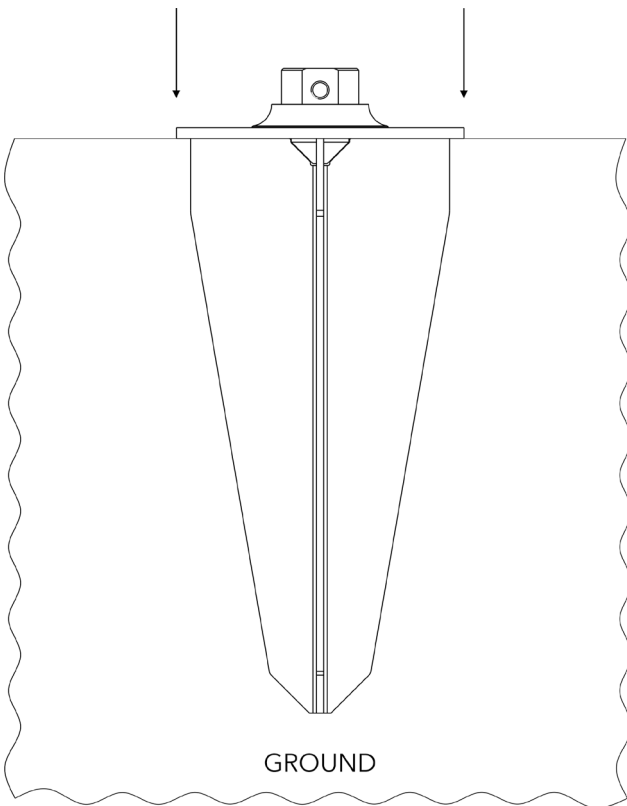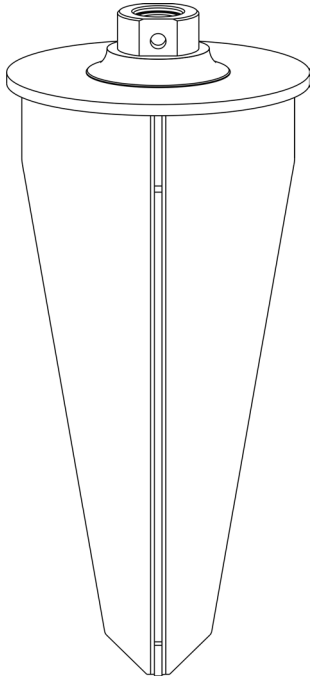
**3**

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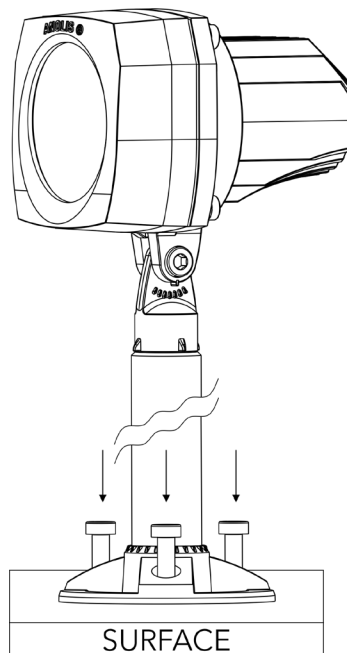


SURFACE

Fasten the base of luminaire into the mounting surface with three screws.

**STEP 2D**
**INSTALLATION OF LAND SPIKE OR FLOOR STAND**
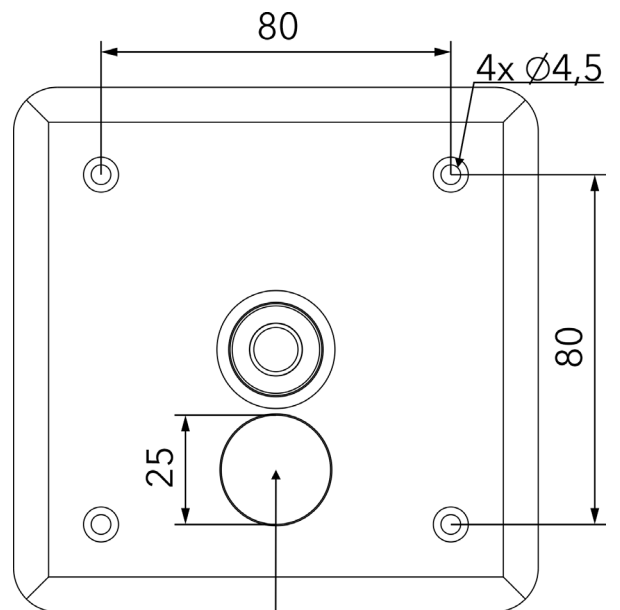
Land Spike



GROUND

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)
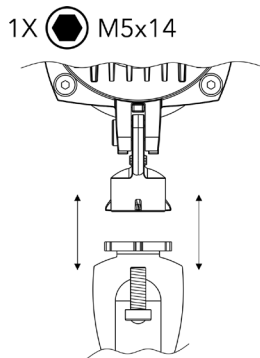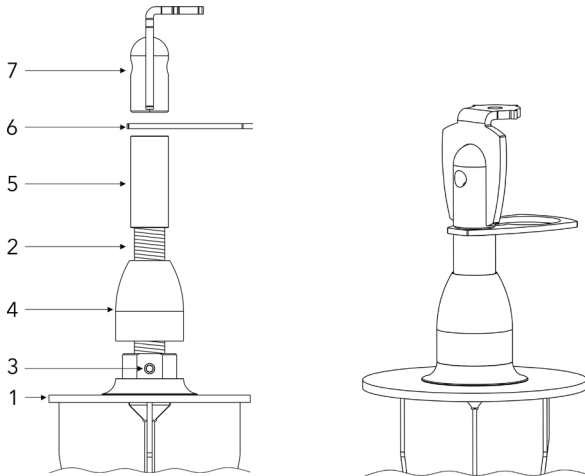
Floor Stand



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

80

4x ⌀4,5

80

25
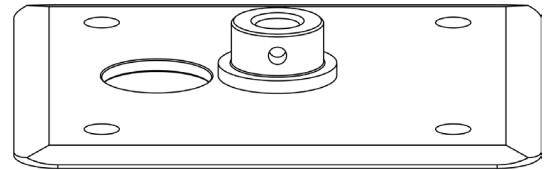
Opening for cable

Fasten the Floor stand into the mounting surface by four screws and prepared mounting holes.

**Land spike 1 ASO 4 MC 100 mm**



1X ⬡ M5x14





2X ⬡ M5x14



1.Insert the Land Spike into the ground. Underground part of Land spike (1) 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. Screw the threaded bar (2) into the top of underground part (1) and fasten it with the socket head M5x5 (3).
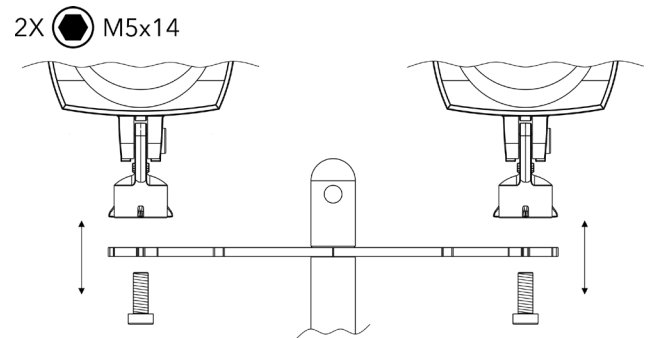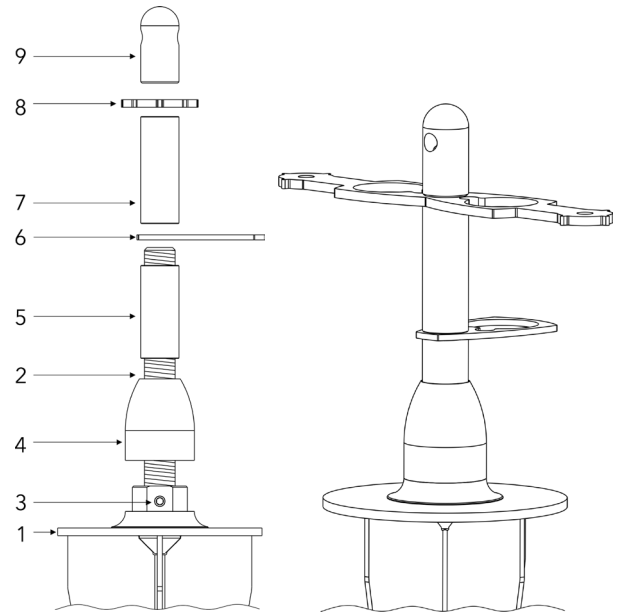
3. Slide the cover (4) on the treaded bar (2).

4. Slide the 36.5mm pipe cover (5) on the threaded bar (2).

5. Slide the cable holder (6) on the threaded bar (2).

6. Screw the nut with mount (7) on the threaded bar (2).

7. Fasten the luminaire on the mount (7) with one M5x14 screw from the bottom of luminaire.

8. Pass cable through the cable holder (6).

1.Insert the Land Spike into the ground. Underground part of Land spike (1) 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. Screw the threaded bar (2) into the top of underground part (1) and fasten it with the socket head M5x5 (3).

3. Slide the cover (4) on the treaded bar (2).

4. Slide the 36.5mm pipe cover (5) on the threaded bar (2).

5. Slide the cable holder (6) on the threaded bar (2).

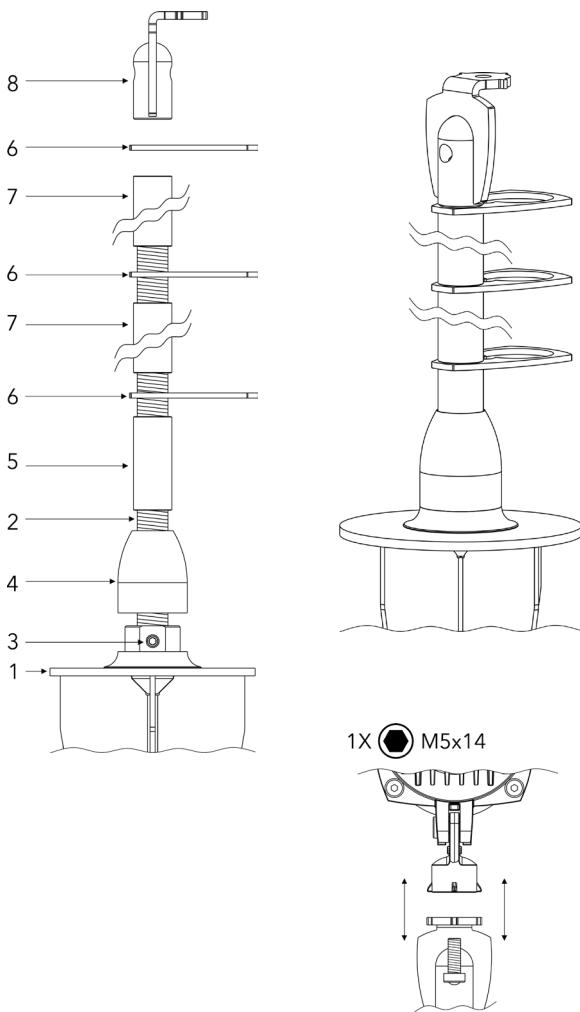6. Slide the 36.5mm pipe cover (5) on the threaded bar (2).

7. Slide the ArcSources holder (8) on the threaded bar.

8. Screw the nut (9) on the treaded bar.

9. Fasten both luminaires to the holder (8) with M5x14 screws from the bottom of each luminaire and its mount on the holder.
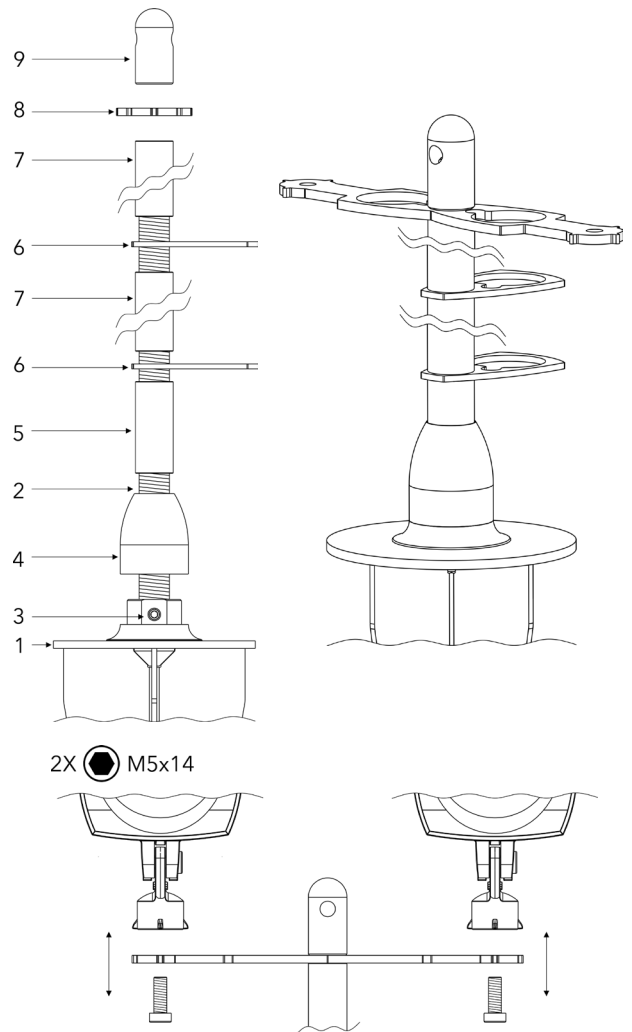
10. Pass the cable through the cable holder (6).

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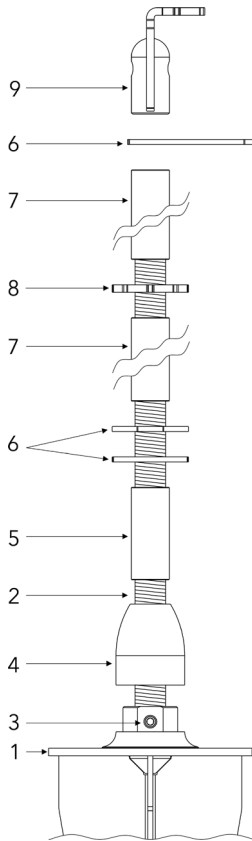
## Land spike 1 ASO 4 MC 500 mm



1X ⬣ M5x14

1. Underground part of Land spike (1) 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. Screw the threaded bar (2) into the underground part of spike (1) and fasten it with the socket head M5x5 (3).

3. Slide the cover (4) on the treaded bar (2) and the socket head (3).

4. Slide the 36.5 mm pipe cover (5) on the threaded bar (2).

5. Slide the cable holder (6) on the threaded bar (2).

6. Slide the 198 mm pipe cover (7) on the threaded bar (2).

7. Slide the cable holder (6) on the threaded bar (2).

8. Slide the 198 mm pipe cover (7) on the threaded bar (2).

9. Slide the cable holder (6) on the threaded bar (2).

10. Screw the nut with mount (8) on the threaded bar (2).

11. Fasten the luminaire on the mount (8) with one M5x14 screw from the bottom of luminaire and its mount.

12. Pass cable through the cable holders (6).

## Land spike 2 ASO 4 MC 500 mm



2X ⬣ M5x14

1. Underground part of Land spike (1) 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. Screw the threaded bar (2) into the underground part of spike (1) and fasten it with the socket head M5x5 (3).

3. Slide the cover (4) on the treaded bar (2) and the socket head (3).

4. Slide the 36.5 mm pipe cover (5) on the threaded bar (2).

5. Slide the cable holder (6) on the threaded bar (2).

6. Slide the 198 mm pipe cover (7) on the threaded bar (2).

7. Slide the cable holder (6) on the threaded bar (2).

8. Slide the 198 mm pipe cover (7) on the threaded bar (2).

9. Slide the ArcSources holder (8) on the threaded bar (2).

10. Screw the nut (9) on the threaded bar (2).

11. Fasten both luminaires to the holder (8) with M5x14 screws from the bottom of each luminaire and its mount.

12. Pass cables through the cable holder (6).

**Land spike 3 ASO 4 MC 500 mm**





3X ⬡ M5x14

1.Underground part of Land spike (1) 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. Screw the threaded bar (2) onto the underground part of spike (1) and fasten it with the socket head M5x5 (3).

3. Slide the cover (4) on the treaded bar (2) and the socket head (3).

4. Slide the 36.5mm pipe cover (5) on the threaded bar (2).

5. Slide two cable holders (6) on the threaded bar (2).

6. Slide the 198mm pipe cover (7) on the threaded bar (2).

7. Slide the ArcSources holder (8) on the threaded bar (2).

8. Slide the 198mm pipe cover (7) on the threaded bar (2).

9. Slide the cable holder (6) on the threaded bar (2).

10. Screw the nut with mount (9) on the threaded bar (2).

11. Fasten three luminaires to their holders (8,9) with M5x14 screws from the bottom of each luminaire and its mount.

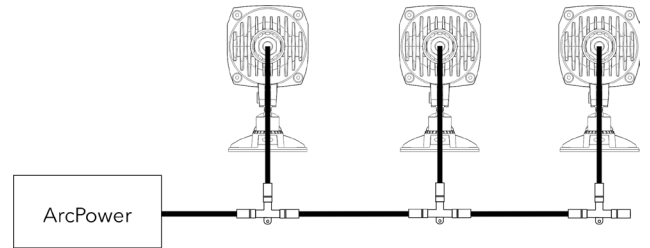12. Pass cables through the cable holders (6).
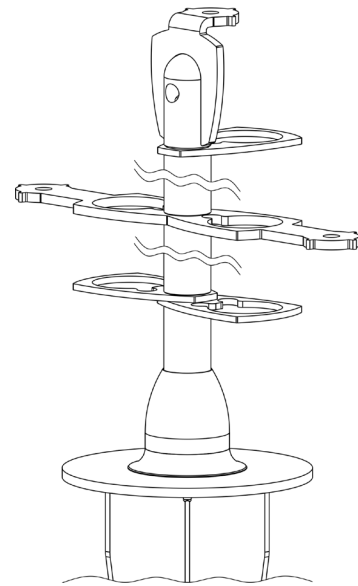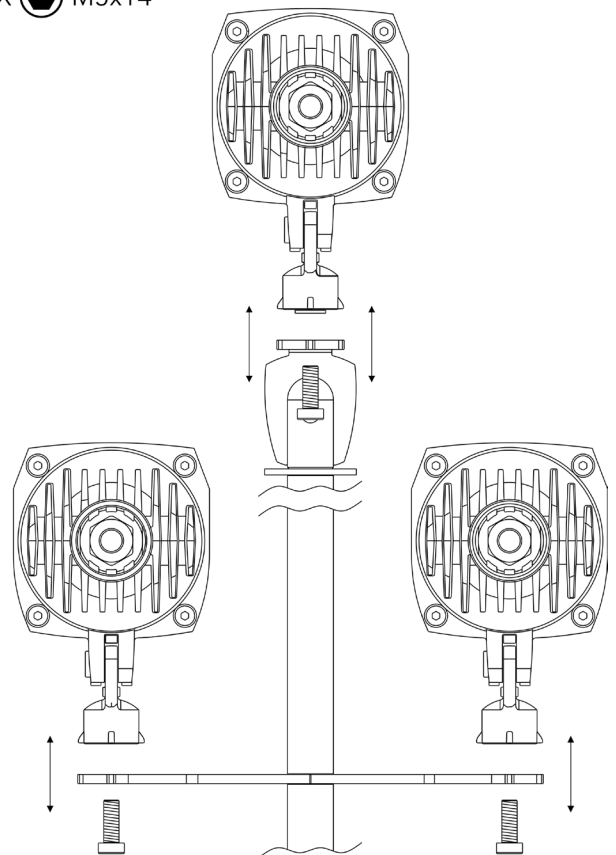
**STEP 3**
**CONNECTION**
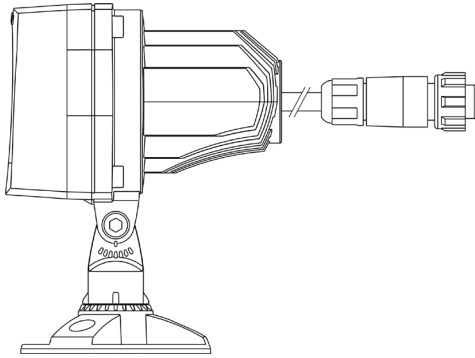


Connection of ArcSource Outdoor 4MC is provided by 50cm long cable with male connector. (variety of cable adaptors is available)
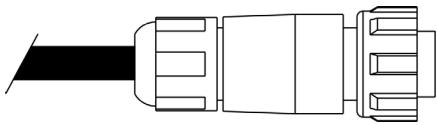


Connect luminaires to each other and to power supply via T-connectors and cables.
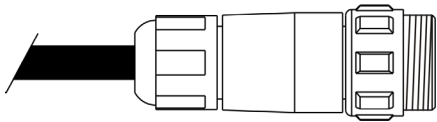Recommended power supplies:
ArcPower Rack Unit, ArcPower 24 Outdoor, ArcPower 48 Outdoor, ArcPower 192 Outdoor, DRS
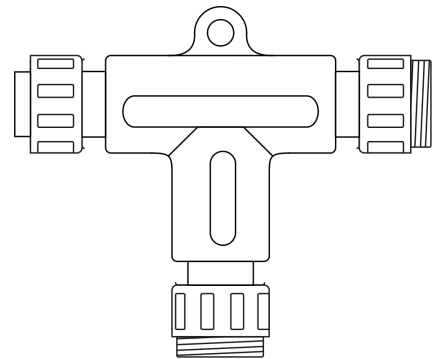
Male connector



Female connector



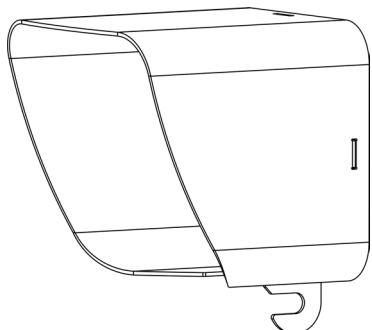T-connector



Male Waterproof Cap



Female Waterproof Cap



Every connector slot must be used or closed with Waterproof cap to ensure IP 67 protection.

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**STEP 4**
**INSTALLATION ACCESSORIES**

**Half Top Hat and Top Hat**
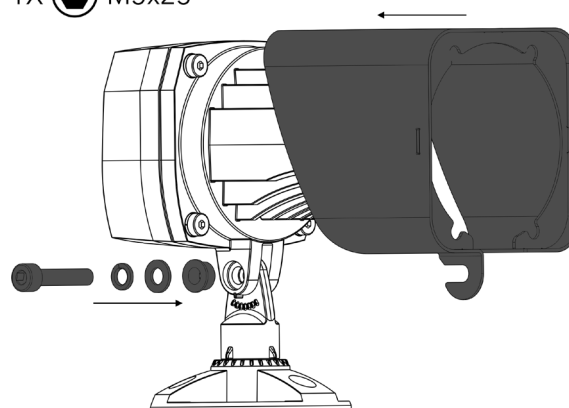
Half Top Hat

Top Hat
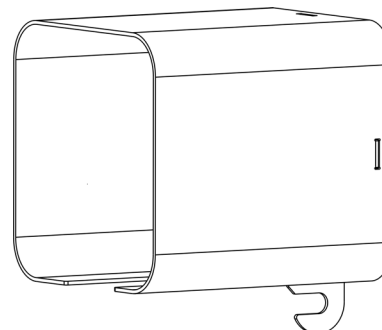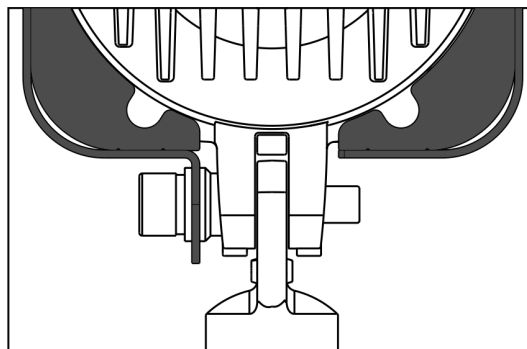


**1**

1X ⬡ M5x12
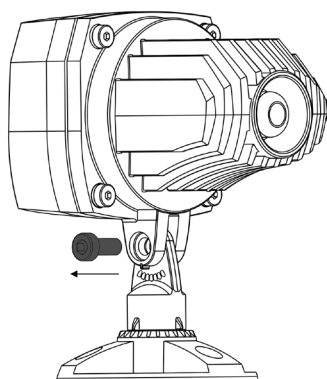


**2**

1X ⬡ M5x25

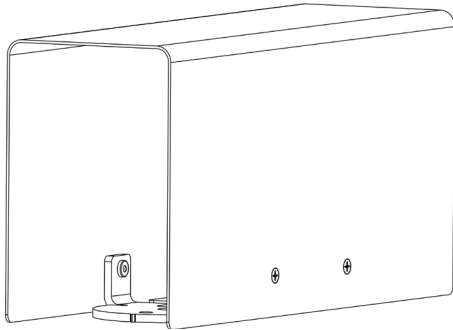Unscrew the Allen head screw M5x12 from the ArcSource Outdoor 4MC housing and its base.

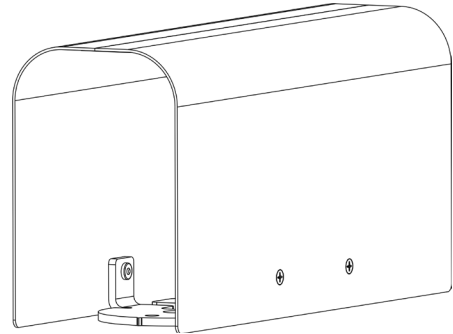Screw the half top hat to luminaire body as is shown at the picture above.



The accessories must be tighted between two washer. Correct position of the spring washer is in touch with bolt head.
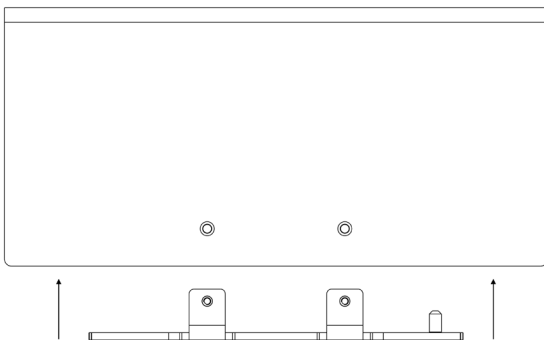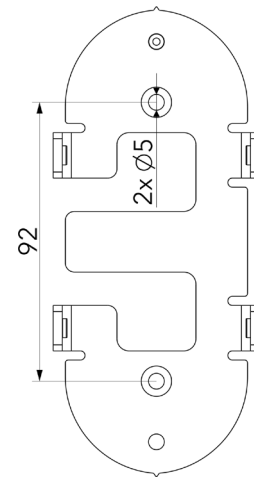
**Twin Wall Cover (Flat / Round)**

Flat



Round



**1**

4X ⊕ M3x6



Unscrew four M3x6 screws from Twin Wall Cover and remove the cover from the luminaires base holder.
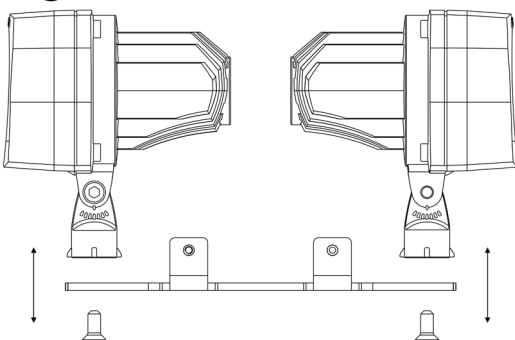
**2**



92

2x Ø5

Prepare openings for cables in the mounting surface, minimal diameter of 21mm, and if necessary also two mounting holes according to disposition above.
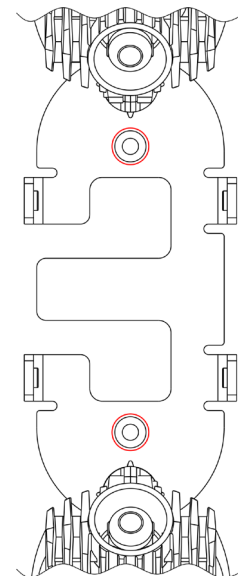
**3**

2X ⊕ M5x12



Fasten the luminaires (without their bases) to the holder with two M5x12 screws via two outer mounting holes.
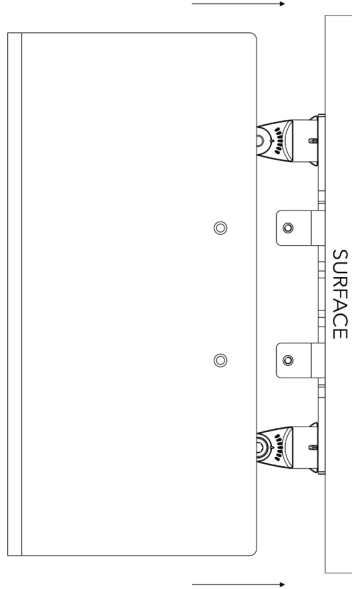
**4**



Fasten the holder with luminaires to the mounting surface via two inner holes and fasteners suitable to mounting surface.
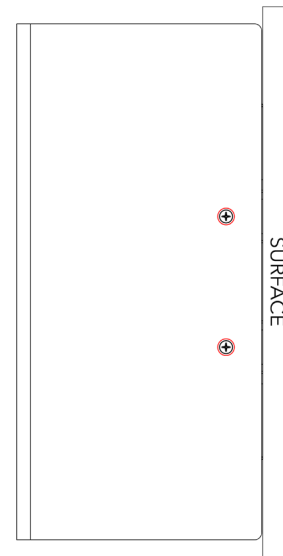
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**Twin Wall Cover (Flat / Round)**

**5**



Slide the cover on the luminaires holder mounted on the surface.
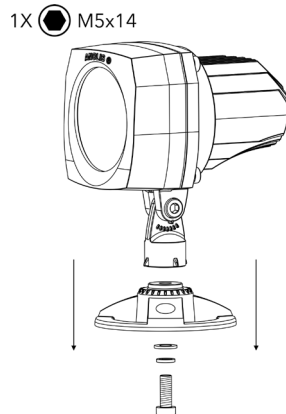
**6**



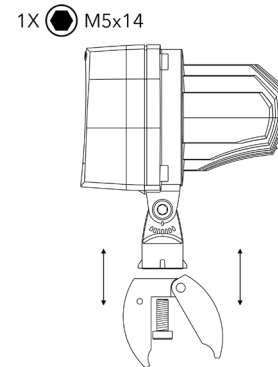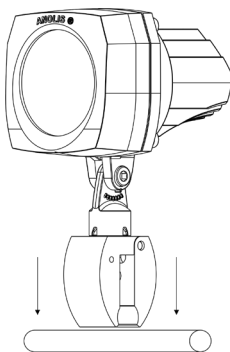Fasten the cover to the holder by four M3x6 screws.

**Pipe Clamp diameter 19**

**1**

1X M5x14



Unscrew M5x14 from the bottom of luminaire and remove its base.
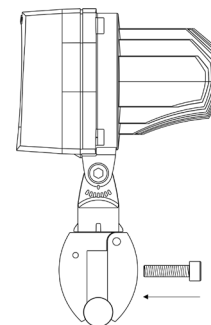
**2**

1X M5x14



Fasten the Pipe Clamp to the luminaire with M5x14 as illustrated.

**3**



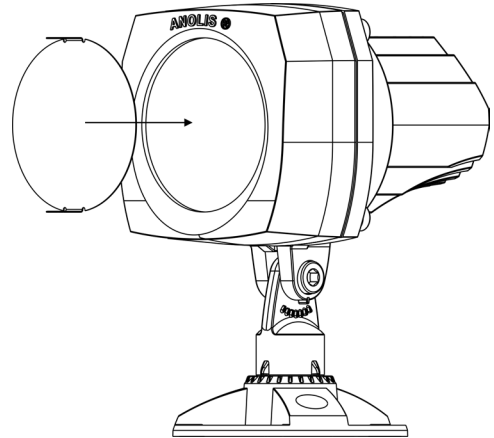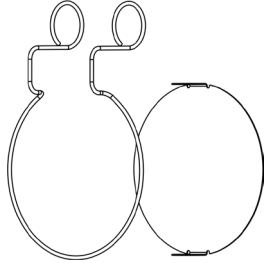Place the Pipe Clamp on a construction rod of 19mm in diameter.

**4**



Fasten the Pipe Clamp to the construction rod by MX screw until it is tightened well and holds luminaire firmly.
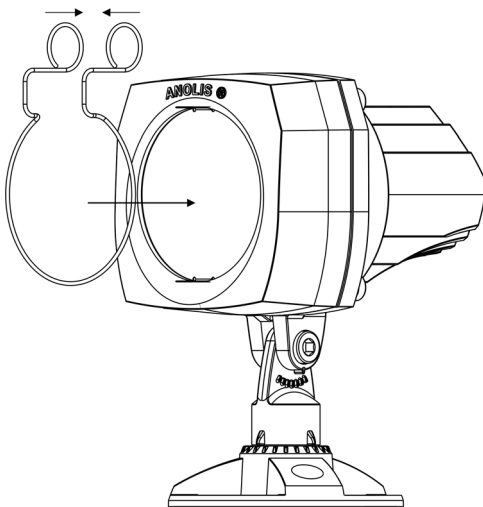
Anolis

**Optical Demo Set**

Holder with spring clips and Optical foil
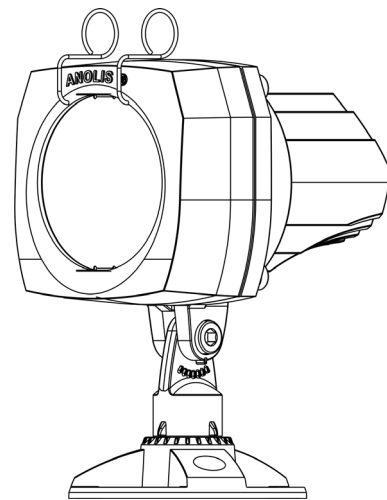


**1**



Put the Optical Foil on the luminaire's optic.

**2**





Press the springs of the Holder together, place the Holder on top of the Optical Foil and secure it on the luminaire by releasing the springs.

ArcSource Outdoor 4MC with Optical Demo Set installed. Holder secures the Optical Foil on the luminaire firmly.