



**ASSEMBLY INSTRUCTIONS**

To install the product on the floor;

1. The floor on which the product will be installed must be flat
2. The space on the floor is adjusted according to the concrete dimensions given
- 2.1. In order to align the connection holes of the product, the anchor plate is placed as in the picture.
- 2.2. The anchor plate is mounted to the studs coming out of the concrete with the help of washers and nuts. (4 pieces, M12 washers and 4 pieces, M12 nuts).

Note: When the studs are fixed after the concrete is laid, the anchor plate for alignment is removed.

3. Mounting the pole to the ground
  - 3.1. M12 Nut and M12 Washer are mounted on anchor studs for direct vertical adjustment, respectively. (4 pcs, M12 Nuts and 4 pcs, M12 Washers).
  - 3.2. The post is placed on the M12 Washers with the studs aligned.
  - 3.3. The pole is mounted to studs coming out of concrete with the help of washers and nuts with 60lb ft torque. (4 Pieces, M12 Washers and 8 Pieces, M12 Nuts).

Note: Before the nuts are fixed, the verticality of the pole should be adjusted.

4. Mounting the luminaire to the pole
  - 4.1. M6 knurled washer is thrown under the pole connection plate and the pole is mounted with 7 lb ft torque with M6 Imbus bolts. (2 Pieces M6 Serrated Washers and 2 Pieces M6 Imbus Bolts)
  - 4.2. The cable coming from the fuse and the cable coming out of the product are assembled with the help of a socket.
  - 4.3. The luminaire is placed on the pole so that the connection plate is inside.
  - 4.4. The countersunk Imbus bolts for fixing the luminaire to the connection plate are tightened with 7 lb ft torque (4 pieces, M6 Countersunk Imbus Bolts).
  5. Installation of the power cable coming from the outer line
    - 5.1. The countersunk Imbus bolts holding the fuse cover are removed (2 pieces, M4 Countersunk Imbus Bolt).
    - 5.2. The insurance cover is removed.
    - 5.3. The power cable coming from the external line is mounted.

Note: While mounting the fuse cover to its place, the countersunk Imbus bolts are tightened with a torque of 1.84lb ft (2 pieces, M4 Countersunk Imbus Bolts).

6. The pole and the armature are ready to use. To replace the LED driver;
7. Note: Before starting this process, the electrical connection to the product must be disconnected.
8. Removing the luminaire from the pole
  - 7.1. The countersunk-head imbus bolts for fixing the luminaire to the connection plate are removed (4 pieces, M6 Countersunk Imbus Bolts).
  - Note: After the LED driver replacement is completed, these bolts are tightened with 6 lb ft torque (4 pieces, M6 Countersunk Bolt).
  - 7.2. The armature is pulled slowly forward. Note: While doing this, make sure that the cable coming from the pole is not damaged.
  - 7.3. The socket that connects the cable coming from the fuse and the cable coming out of the product are separated from each other.

8. To remove the cartridge group
  - 8.1. The grub screws holding the cartridge group are loosened sufficiently.
 

Note: Bolts do not need to be completely removed. After the process is completed, the cartridge group plate is aligned and the setscrew bolts are tightened until the bolt heads are aligned with the side surface of the armature.
  - 8.2. The cartridge group is removed slowly.
 

Note: While doing this, be careful not to damage the cable coming from the LED modules.

- 8.3. The socket that connects the cable coming from the LED module and the cable coming from the LED driver are separated from each other.

9. LED driver removal
  - 9.1. The star cylindrical head bolt holding the grounding cable is removed.
  - 9.2. The star cylindrical head bolts holding the LED driver are removed.
  - 9.3. The LED driver is removed.

Note 1: While removing the cartridge group, care should be taken not to damage the electrical connections inside the product. This should be done sensitively.

Note 2: After the LED driver replacement is completed, the cartridge group is put into place, knurled washers are placed and the star cylindrical head bolts are tightened with a torque of 0.7lb ft (5 pieces, M4 Knurled Washers and 5 pieces, M4 Star Cylindrical Head Bolts).

- To replace the LED lighting module;
10. To remove the LED lighting module
  - 10.1. LED lighting module are removed (2 pieces, M4 Countersunk Head Imbus Bolts).

Note: After the replacement of the LED lighting module is completed, it is tightened with a torque of 1.84 lb ft with countersunk bolts (2 pieces of M4 Countersunk Imbus Bolts).

Note: Take precautions by holding the LED lighting module while it is unloaded to avoid damaging the cables.

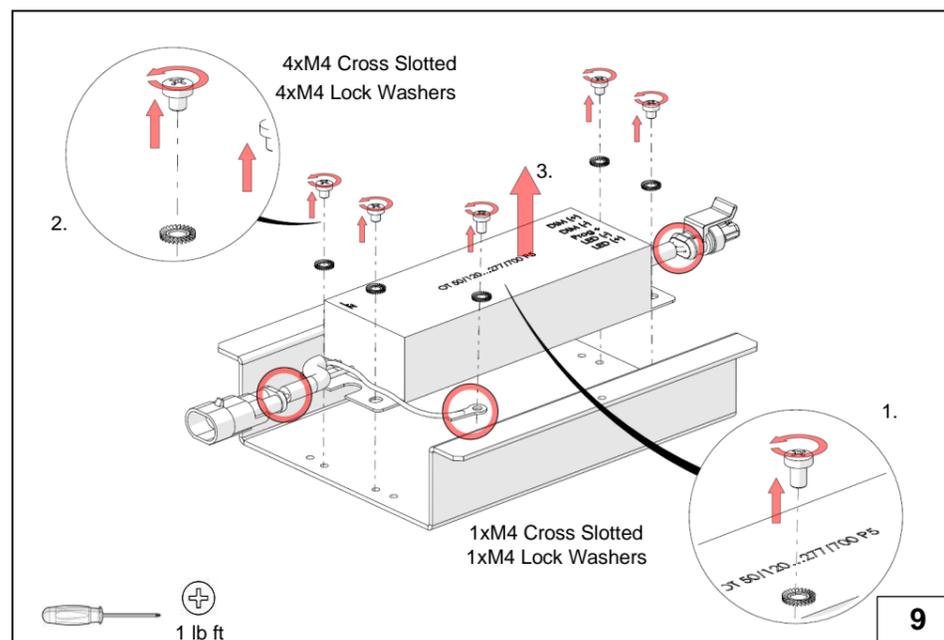
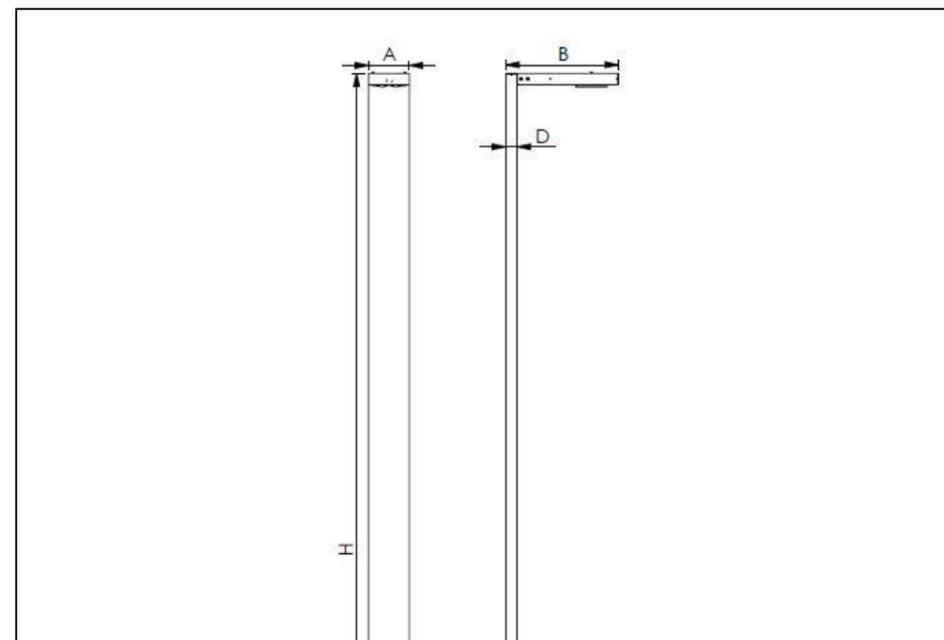
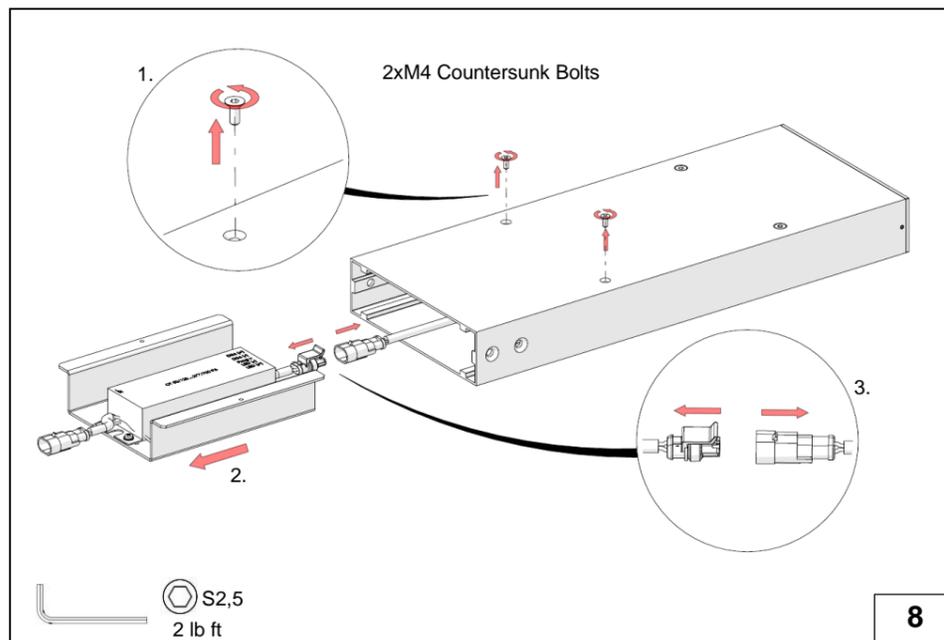
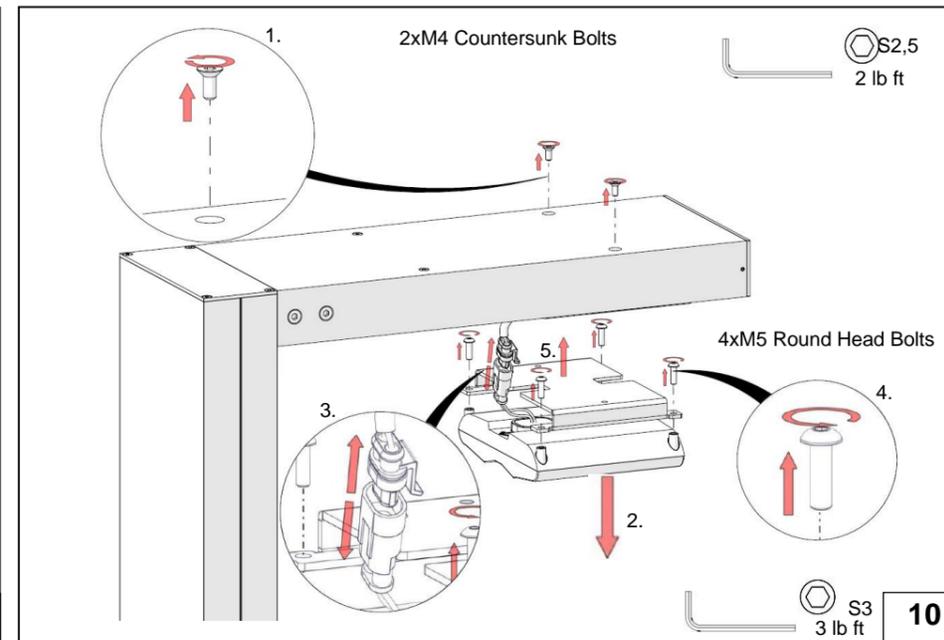
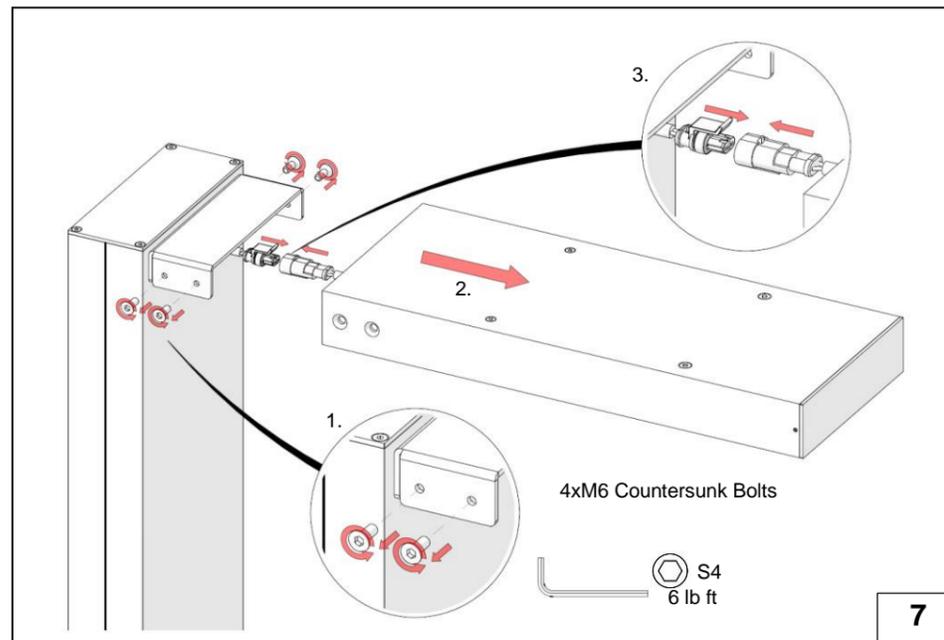
- 10.2. Pull the LED lighting module down gently.
 

Note: Be careful not to damage the cables while doing this.
- 10.3. Separate the connector that connects the cable coming from the LED driver and the cable coming from the LED lighting module.

- 10.4. Remove the round head Imbus bolts that hold the LED lighting module connection sheet (4 pieces, M5 Round Head Imbus Bolts).

Note: After the replacement of the LED lighting module is completed, the module connection plate is placed in its place and the round head imbus bolts are tightened with 4.5lb ft torque (4 pieces, M5 Round Head Imbus Bolt).

- 10.5. LED lighting module and module connection plate are separated from each other.



A (Inch)	H (Inch)	B (Inch)	D (Inch)	WEIGHT (lb)	POLE CODE	BOLLARD CODE
7 3/32	10'	20 15/32	2 3/4	53,2 lb	PAFD.R03.T001	LL2042.681
7 3/32	13'	20 15/32	2 3/4	65,3 lb		LL2042.681
7 3/32	10'	20 15/32	2 3/4	56,2 lb		LL2042.682
7 3/32	13'	20 15/32	2 3/4	68,3 lb		LL2042.682
7 3/32	10'	20 15/32	2 3/4	59,1 lb		LL2042.683
7 3/32	13'	20 15/32	2 3/4	71,2 lb		LL2042.683

## WARNINGS AND REMARKS FOR INSTALLATION AND MAINTENANCE

### Safety Instructions

- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. Always switch off the power prior to installation, maintenance or repair activities.
- The manufacturer is then discharged from liability when damage is caused by improper use or installation.
- If any luminaire is subsequently modified, the persons responsible for the modification shall be considered as manufacturer.
- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts, abrasions and other hazards, please read all warnings and instructions included with the luminaire, on the luminaire's packaging and affixed to the luminaire itself..

### Installation

- LEDs are high-quality electronic components! Please avoid contacting the light output opening of the LED directly during installation or relamping.

### IMPORTANT

- To ensure secure connection, the luminaire housing must be positioned precisely in relation to the mounting plate.

### Cleaning And Maintenance

- Clean luminaire regularly with solvent-free cleaners from dirt. Please do not do not clean the luminaire with using high-pressure liquids.

