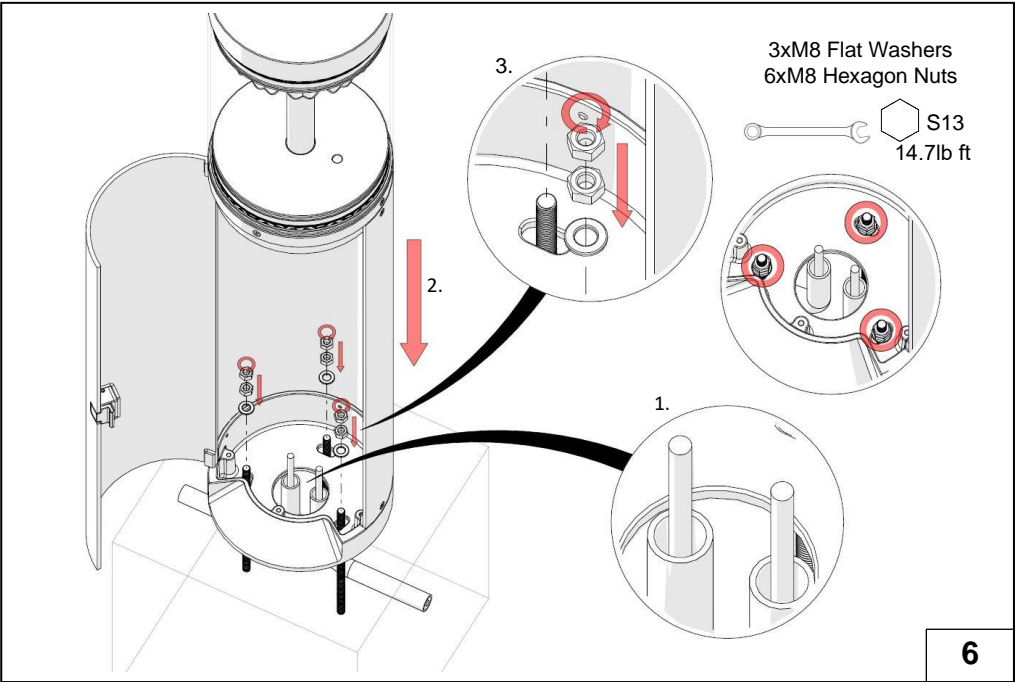
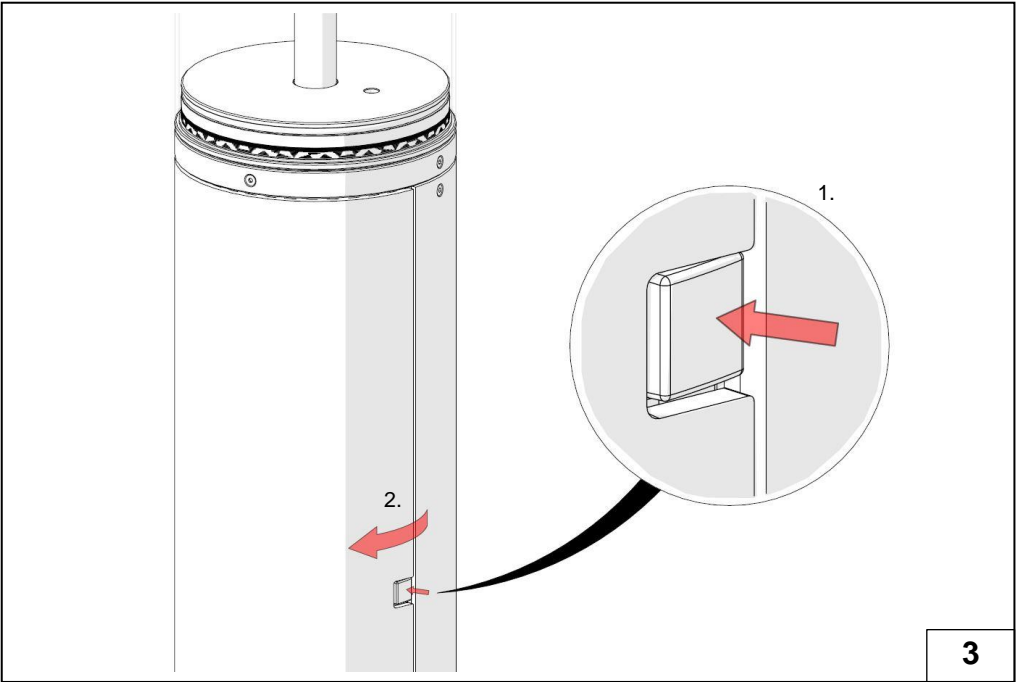
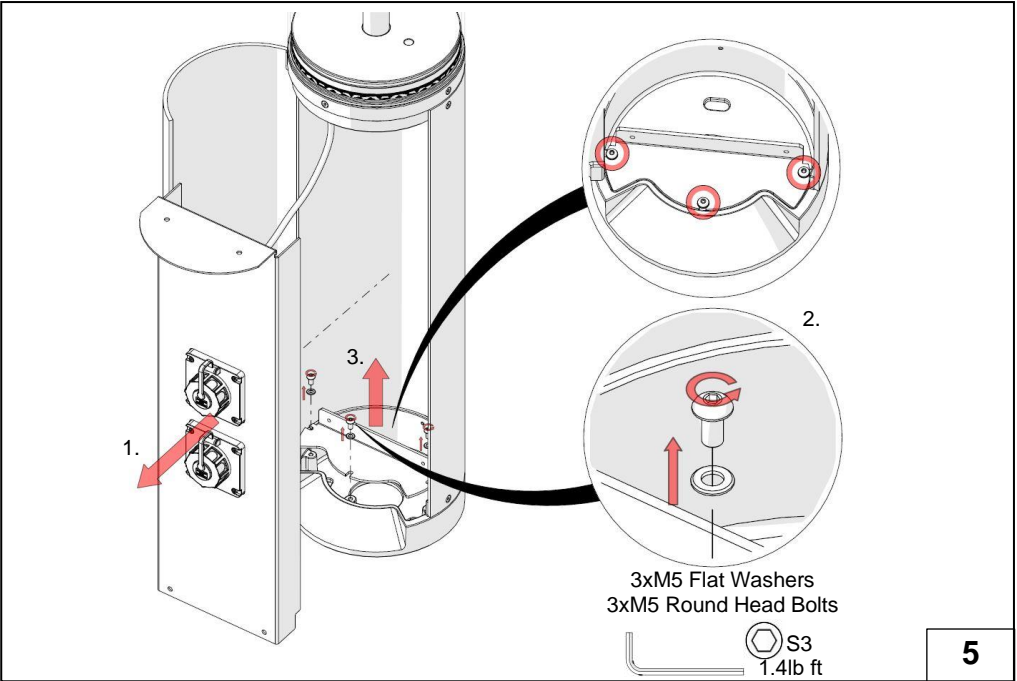
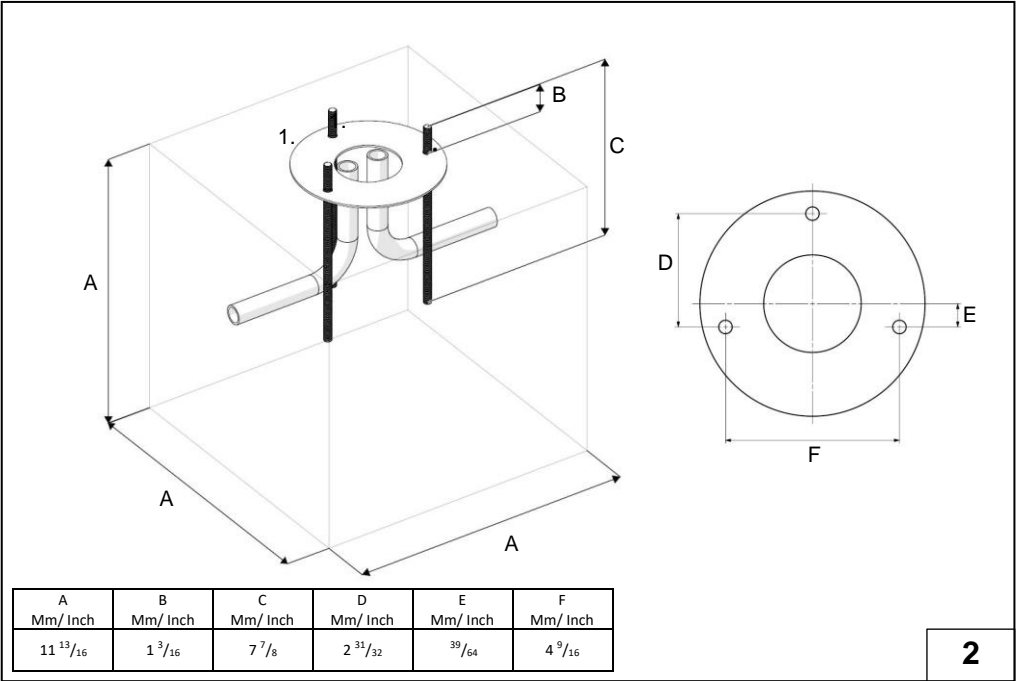
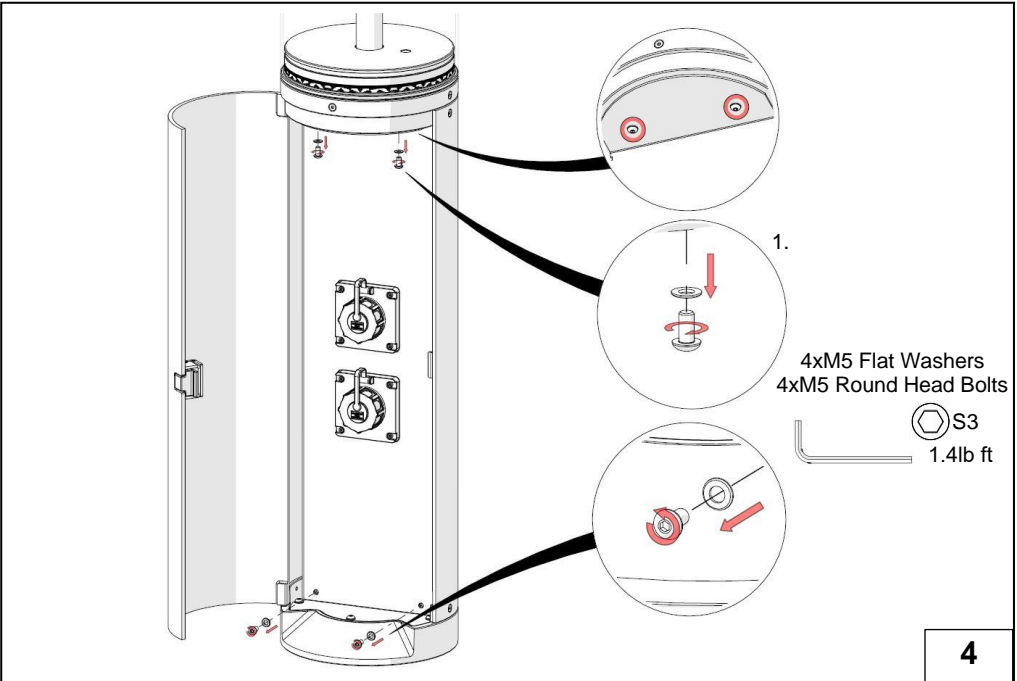
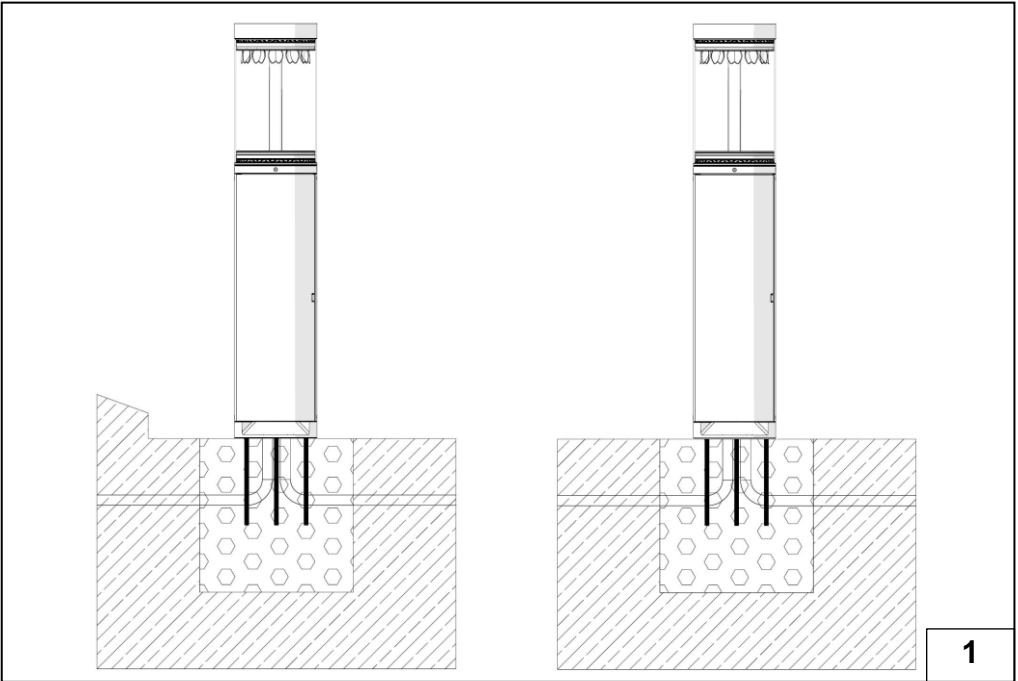


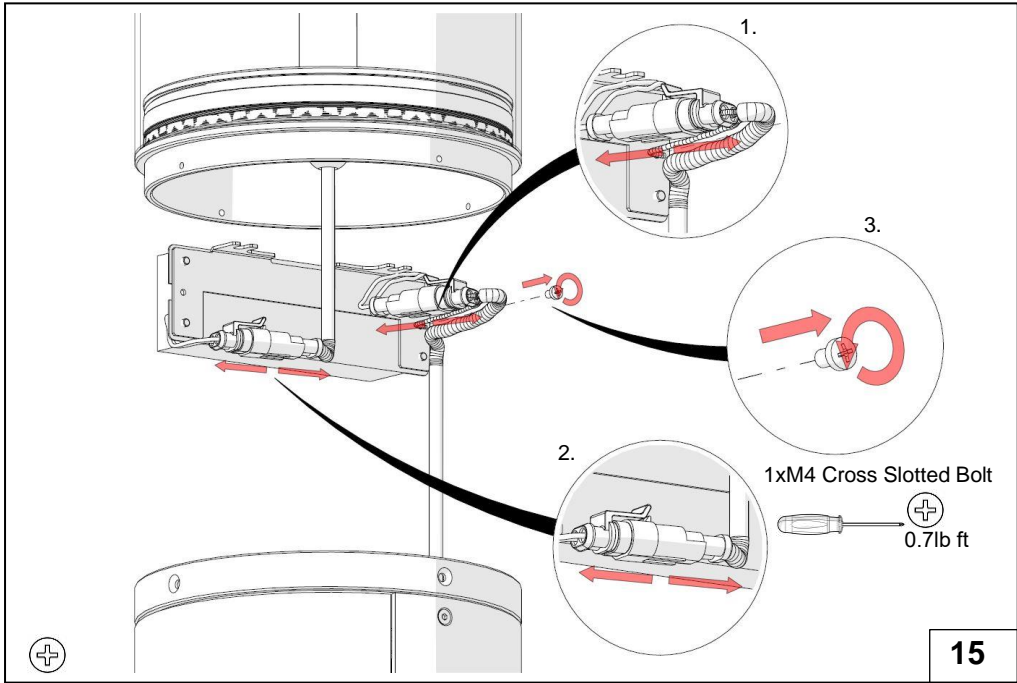
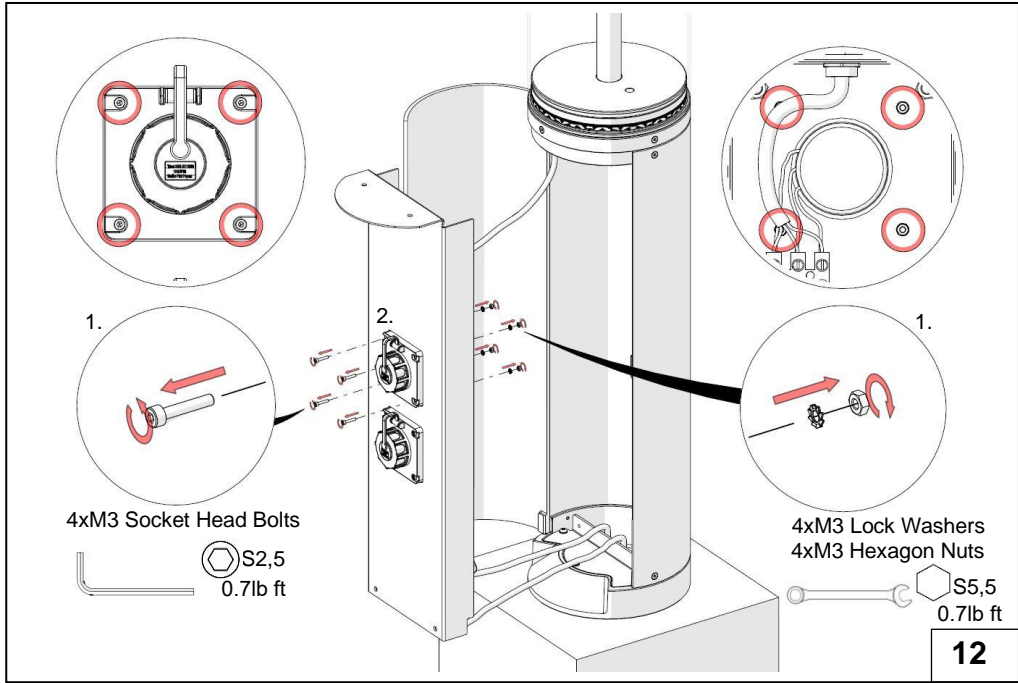
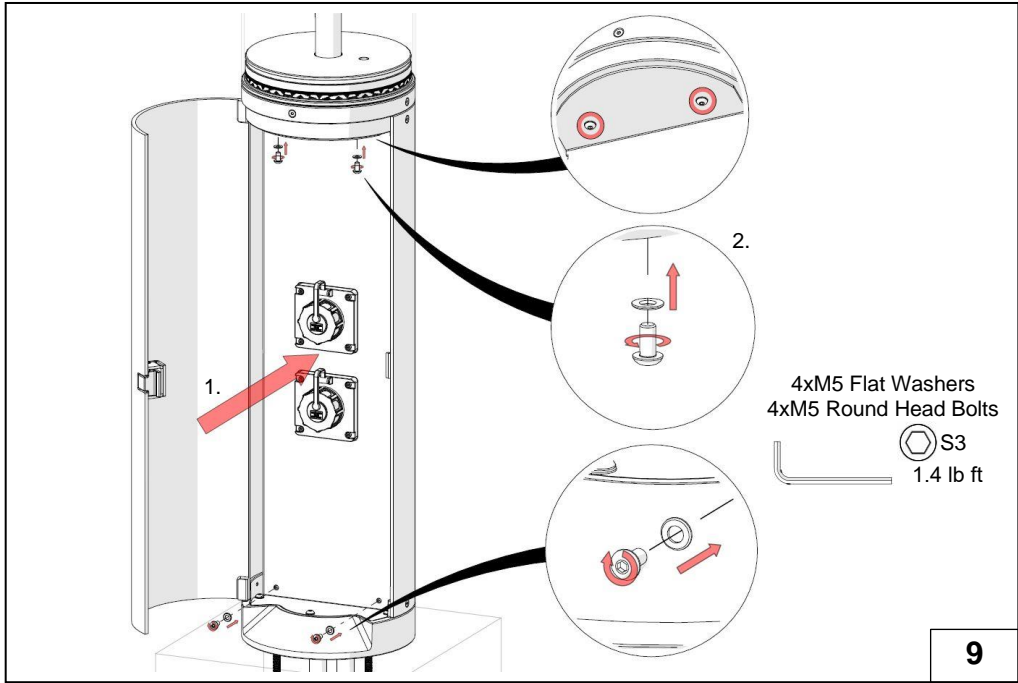
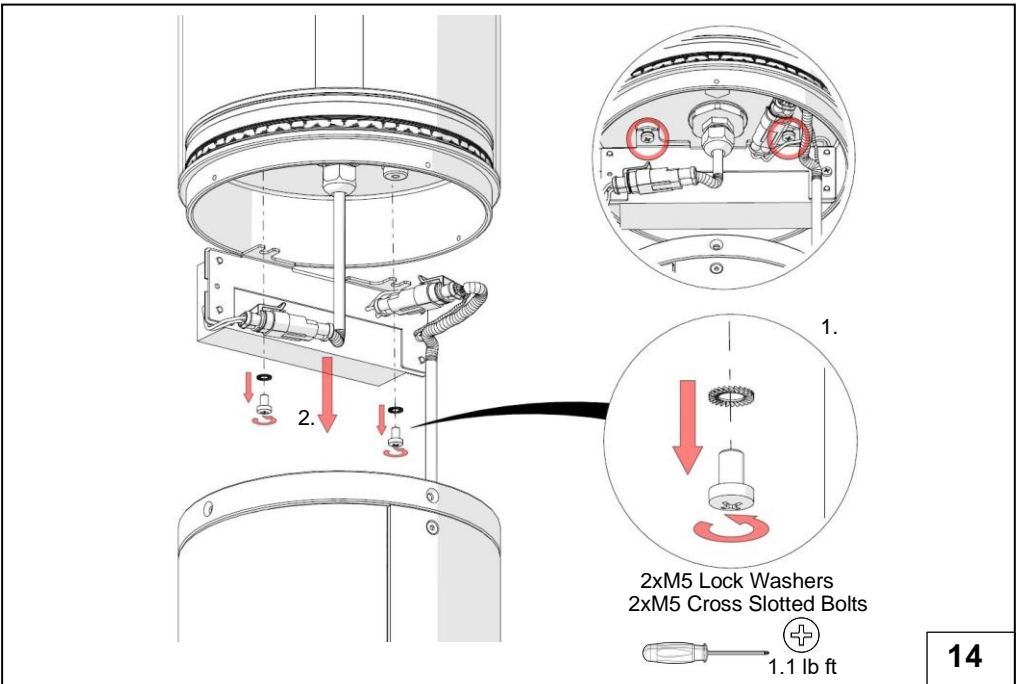
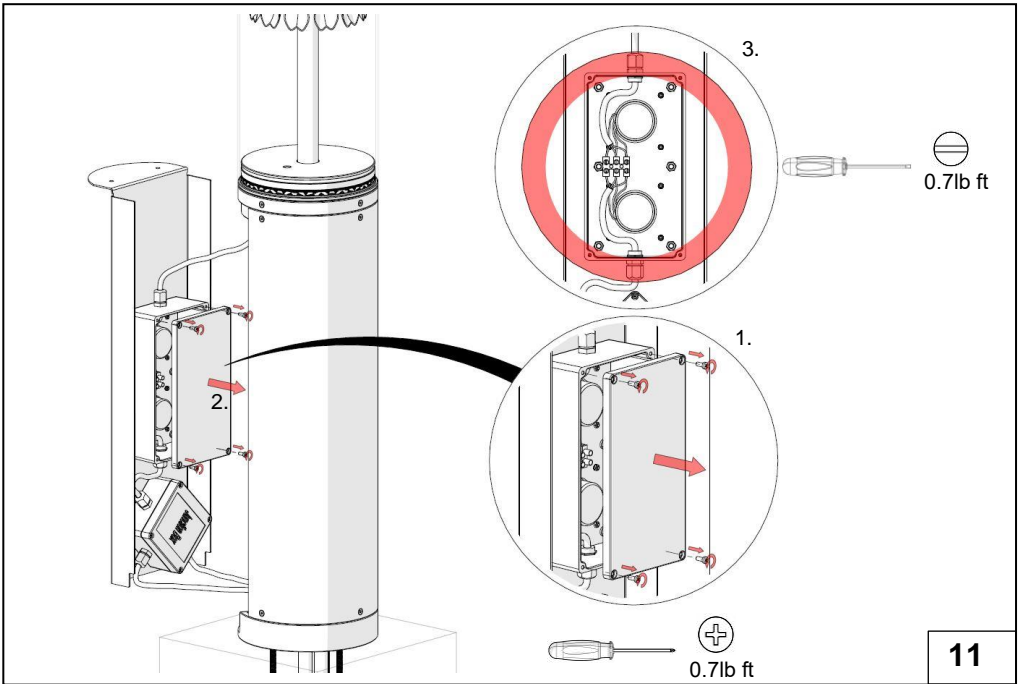
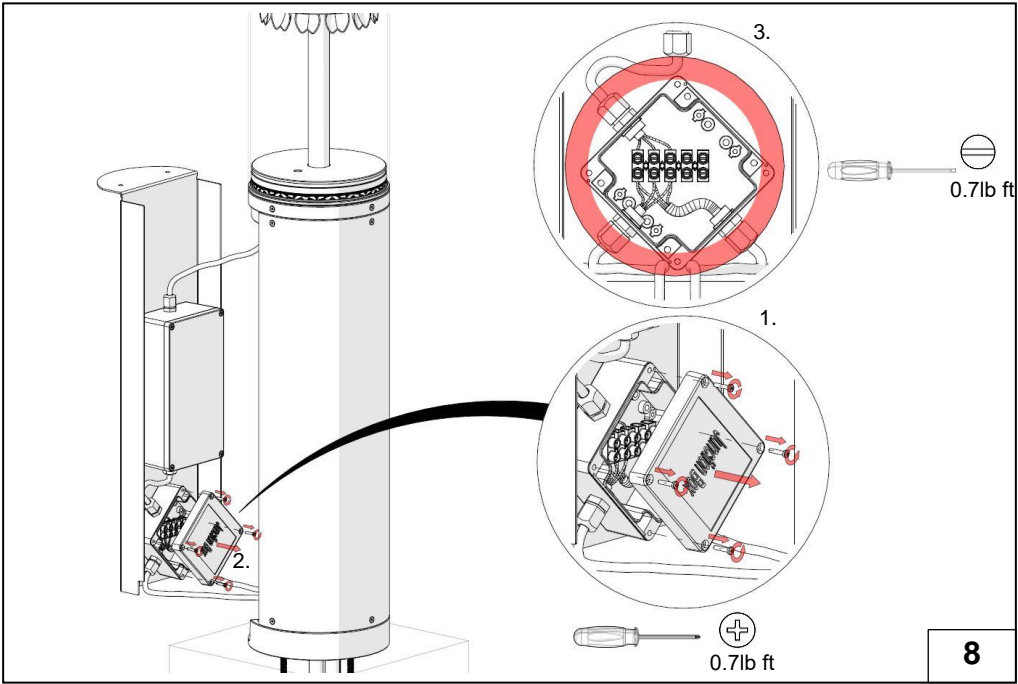
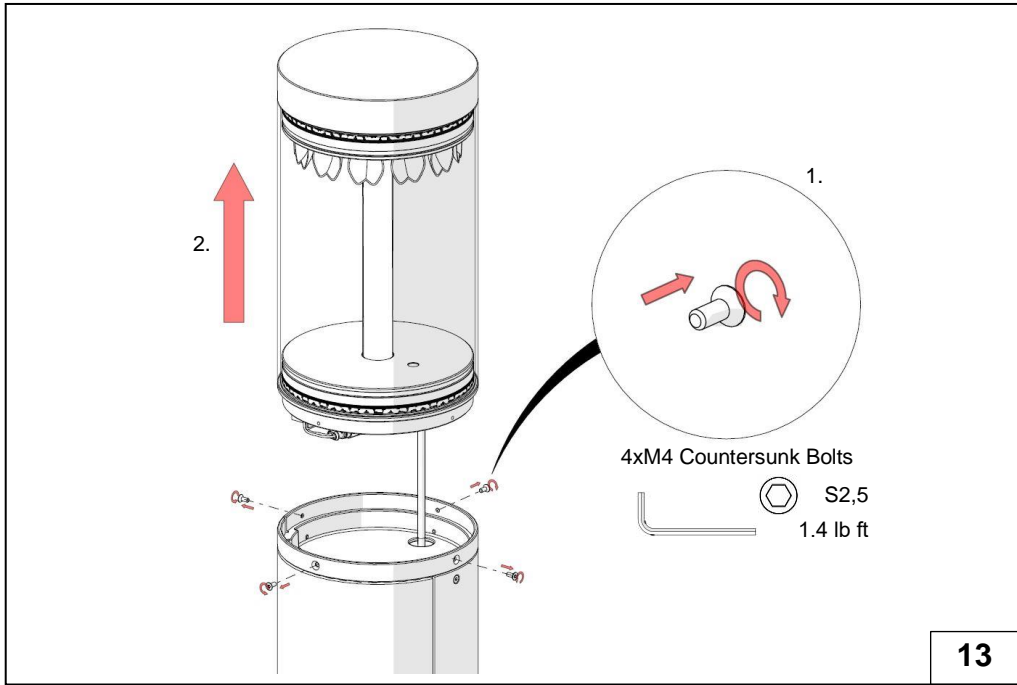
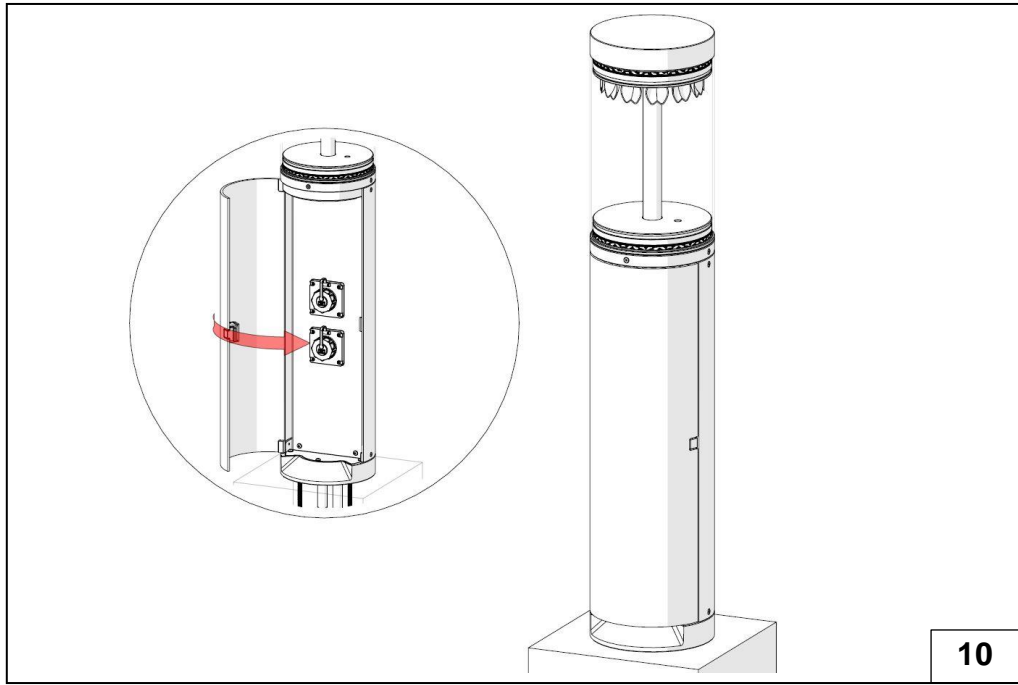
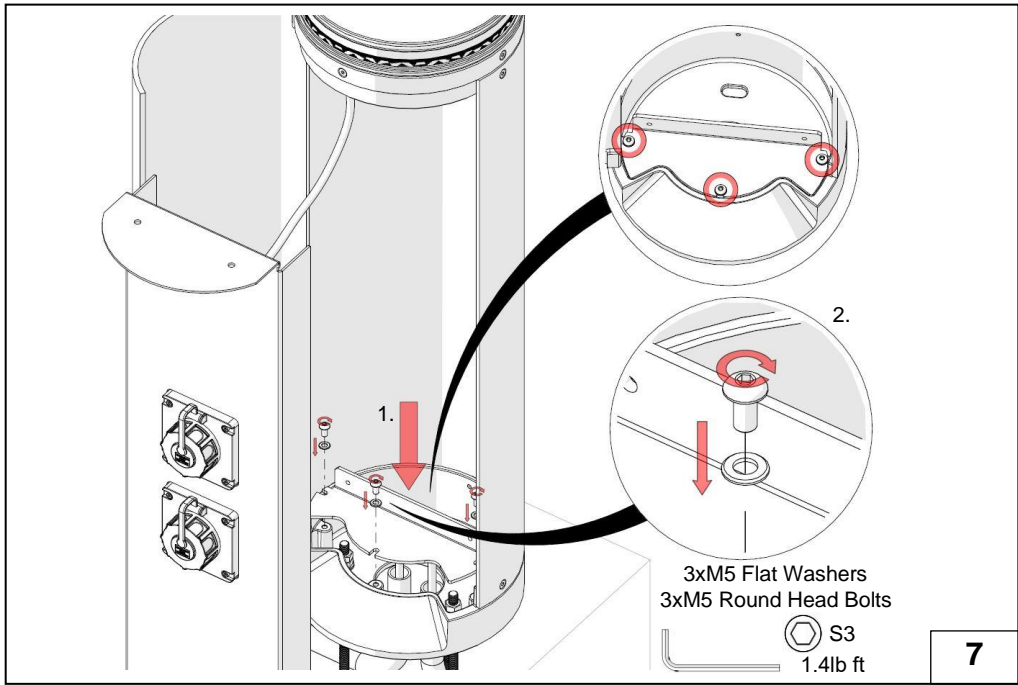


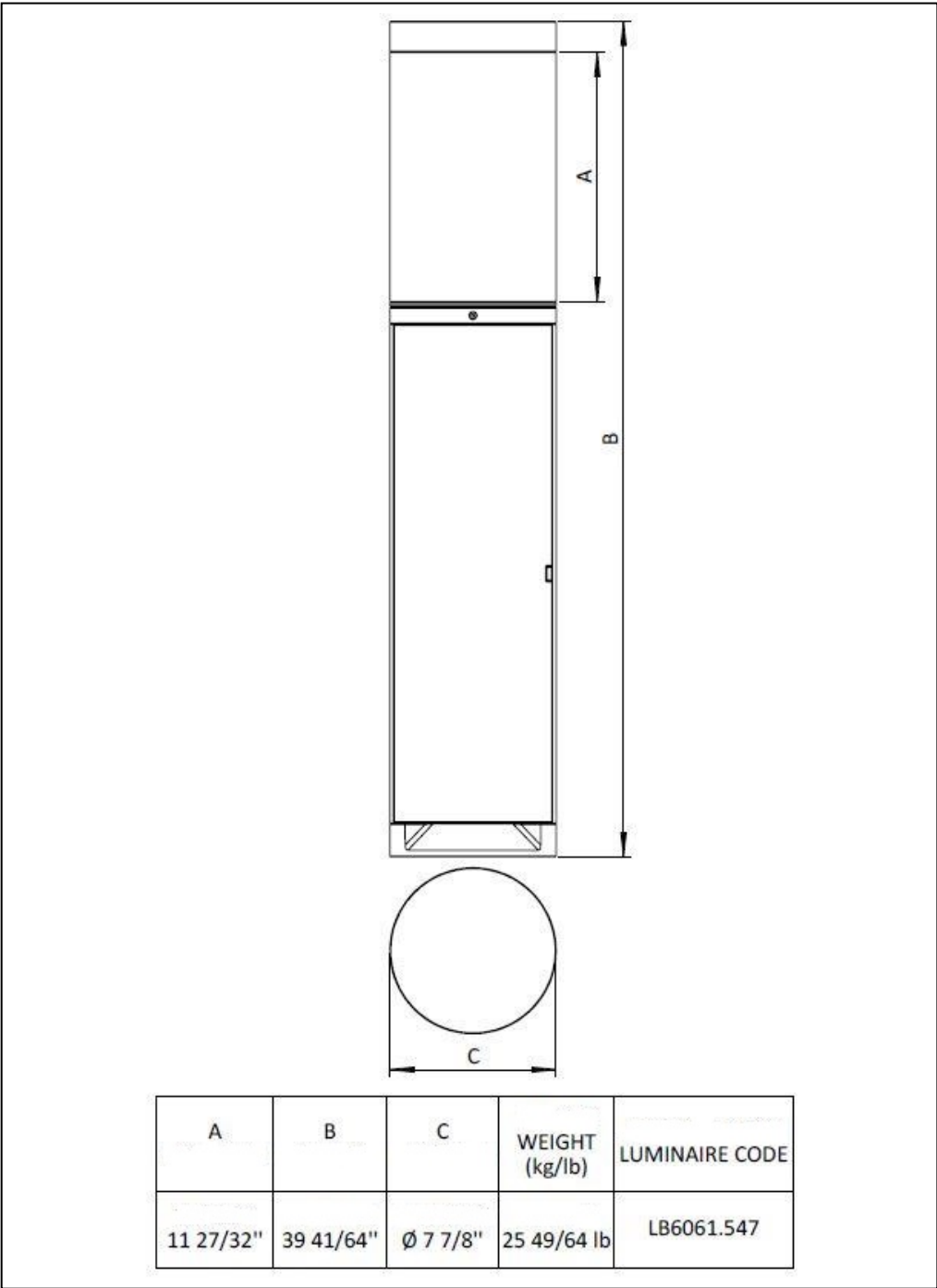
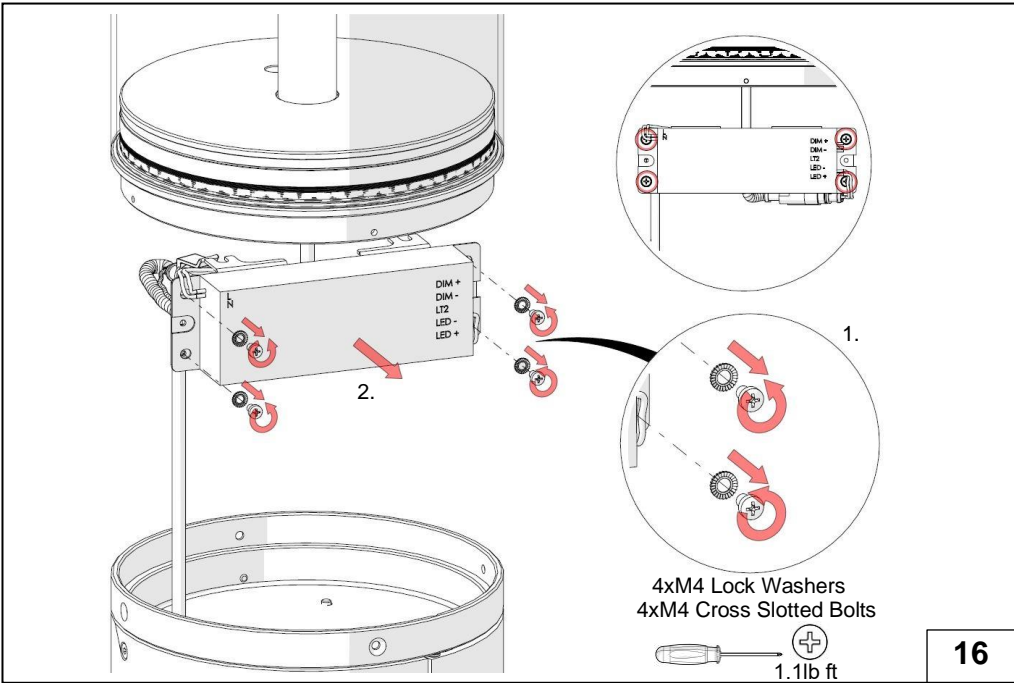
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URBAN BOLLARD
Installation&Maintenance Instructions







English

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 given concrete dimensions.
 - 2.1. It is recommended to use the anchor plate as shown in the image to align the connection holes of the product.

Note 1: After the concrete has dried, the anchor plate used to align the studs is removed.

Note 2: It should be ensured that the cable ducts are close to the center as in the figure.

3. To open the product's cover;
 - 3.1. It is pressed on the lock that holds the cover.
 - 3.2. The cover is opened after making sure that the lock tongue is dislodged.
4. Flat washers and camber head imbus bolts for fixing the sheet metal to which the sockets are mounted are removed (4 pieces, M5 Flat Washers, 4 pieces, M5 Round Head Imbus Bolts).
5. To reach the part where the product will be connected to the floor;
 - 5.1. The group in which the sockets are mounted is removed.

Note: Be careful not to damage the cables while removing the group in which the sockets are mounted.

- 5.2. Flat washers and camber head imbus bolts for fixing the bottom cover plate are removed (3 pieces, M5 Flat Washers, 3 pieces, M5 Round Head Imbus Bolts).
- 5.3. The bottom cover plate is removed.
6. To connect the product to the floor;
 - 6.1. It is ensured that the line cables are ready.
 - 6.2. The product is placed on the floor by centering the studs coming out of the concrete.
 - 6.3. The product is mounted to the floor with a torque of 14.7lb ft with the help of flat washers and hexagonal nuts (3 pieces, M8 Flat Washers, 6 pieces, M8 Hexagon Head Nuts).
7. For the mounting of the bottom cover plate;
 - 7.1. Bottom cover plate is placed in place.
 - 7.2. The bottom cover plate is mounted in place with 1.47lb ft torque with the help of flat washers and round head imbus bolts (3 pieces, M5 Flat Washers, 3 pieces, M5 Round Head Imbus Bolts).
8. To make the electrical connection of the product;
 - 8.1. The bolts of the junction box, which is used for laying the electrical line, are removed.

Note: After the grading process is completed, the cover of the junction box is assembled with 0.7lb ft torque with the help of star cylinder head bolts (Bolts may vary according to the junction box to be supplied by the customer, make sure that the cover is fixed with the torque and method specified in the features of the junction box).

- 8.2. The cover of the junction box, which is used to lay the electrical line, is removed.
- 8.3. The grading process of the electrical line is done with the help of the terminal so that it remains in the junction box.

Note 1: The junction box for laying the electrical line is not included with the product. Supply a junction box suitable for the product, providing minimum IP67 protection (Dimensions of the junction box used in the image (mm): 100x100x55).

Note 2: The terminal that enables the laying of the electric line is not supplied with the product. Supply the junction box and terminal suitable for the product.

9. To install the sockets instead of the assembled group;
 - 9.1. The group in which the sockets are mounted is placed in place. Note: Make sure that the cables remaining behind are not damaged and the product is not damaged.
 - 9.2. It is mounted to their places with a torque of 1.4lb ft with the help of sheet flat washers and camber head imbus bolts to which the sockets are mounted (4 pieces, M5 Flat Washers, 4 pieces, M5 Round Head Imbus Bolts).
10. The product cover is closed and the product is ready to use. Note: Make sure that the lock holding the cover is in place. To change the sockets;
 - Note: Before starting this process, disconnect the product from electricity.

11. To remove the cable connection of the sockets;
 - 11.1. The bolts of the junction box where the electrical connection of the sockets are made are removed.

Note: After the socket change is completed, instead of the cover of the junction box, it is mounted with 0.7lb ft torque with the help of star cylinder head bolts.

- 11.2. The cover of the junction box where the electrical connection of the sockets is made, is removed.
- 11.3. The electrical connection of the socket to be changed is disconnected from the connector inside the junction box.

Note 1: After the socket change is finished, connect the socket to the electricity.

12. To remove the socket;
 - 12.1. Imbus bolts, knurled washers and hexagon head nuts for fixing the socket are removed (4 pieces, M3 Imbus Bolt, 4 pieces, M3 Knurled Washers, 4 pieces, M3 Hexagonal Head Nuts).
- Note: After the replacement is completed, the new socket is mounted with 0.7lb ft torque with the help of imbus bolts, knurled washers and hexagonal nuts (4 pieces, M3 Imbus Bolts, 4 pieces, M3 Serrated Washers, 4 pieces, M3 Hex Head Nuts).
- 12.2. The socket is removed. Note: In order to avoid any problems regarding assembly and use of the sockets, supply a socket with the same features as the socket provided with the product.

To replace the LED driver; Note: Before starting this process, disconnect the product from electricity.

13. To remove the lighting group of the product;
 - 13.1. The countersunk head imbus bolts fixing the lighting group are removed (4 pieces, M4 Countersunk Imbus Bolts).

Note: After the LED driver replacement process is completed, the lighting group is mounted with 1.4lb ft torque with the help of countersunk bolts (4 pieces, M4 Countersunk Head Imbus Bolts).

- 13.2. The lighting group is removed.

Note: Be careful not to damage the cables while removing the lighting group.

14. To remove the cartridge group;
 - 14.1. The knurled washers and star cylinder head bolts that fix the cartridge group to the body are removed (2 pieces, M5 Knurled Washers, 2 pieces, M5 Star Cylinder Head Bolt).

Note: After the LED driver replacement process is completed, the cartridge group is mounted with 1.1lb ft torque with the help of knurled washers and star cylinder head bolts (2 pieces, M5 Knurled Washers, 2 pieces, M5 Star Cylinder Head Bolt).

- 14.2. The cartridge group is removed. Note: Be careful not to damage the cables while removing the cartridge group.

15. To separate the LED driver from the cable connections;

15.1. The outer line cable and the socket connecting the cable coming from the LED driver are separated from each other. Note: After the LED driver replacement process is finished, the sockets are reassembled.

15.2. The cable coming from the LED lighting group and the socket connecting the cable coming from the LED driver are separated from each other.

Note: After the LED driver replacement process is finished, the sockets are reassembled.

- 15.3. The star cylinder head bolt fixing the grounding cable coming out of the outer line cable is removed (1 piece, M4 Star Cylinder Head Bolt).

Note: After the LED driver replacement process is completed, the grounding cable is mounted with a torque of 0.7lb ft with the help of a star cylinder head bolt (1 Piece M4 Star Cylinder Head Bolt).

16. LED to remove the driver;

16.1. The knurled washer and star cylinder head bolts that fix the LED slider to the cartridge sheet are removed (2 pieces, M4 Knurled Washers, 2 pieces, M4 Star Cylinder Head Bolts).

Note: The new LED driver is mounted on the cartridge sheet with the help of knurled washers and star cylinder head bolts with a torque of 1.1lb ft (2 pieces, M4 Knurled Washers, 2 pieces, M4 Star Cylinder Head Bolt).

- 16.2. LED drive is removed.

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.

