

Client _____ Project name _____

Order# _____ Type _____ Qty _____

This document is to be signed by the installing contractor acknowledging all requirements detailed below to properly install our inground luminaires are known, understood, planned and executed.

Accepted

Name: _____

Signature: _____

REFER TO ONLINE INSTALLATION INSTRUCTION DOCUMENTS FOR DETAILS ON THE STEPS BELOW

Lumenbeam Inground Large: [Installation instructions document](#)

BLOCKOUT INSTALLATION

1. Prepare the ground. Provide proper support for the blockout and install an adequate drainage system according to the application.
2. Open blockout knockout hole(s).
3. Lay down conduits, cables and blockout in place. Install and tighten conduits on the blockout using couplers.
4. Run the feeding cable (3P3DC cable from Lumenpulse, or equivalent by others) or the leader cable (3P3DLC) through conduits and blockout. Leave enough cable length inside the blockout for accessibility and connections.
5. Adjust mounting surface to level and fix blockout using retainers. Use suitable retainers for your location and application.
6. Install temporary blockout cover.
7. Fill hole around the blockout. Clean the top of the blockout to remove any excess material that may prevent cover removal.

DRAINAGE TESTING

1. Remove temporary blockout cover using flat screwdriver and set aside.
2. Inspect the ledge along the top of the blockout. Remove any accumulated material. Clean the inside of the blockout to ensure proper installation. Inspect cables and connectors to ensure they are clean, do not use if damaged.
3. Test drainage. A quantity of water equivalent to the volume of the blockout must completely drain in 30 minutes. Drainage testing should be performed prior to the installation of the optical chamber (LBILC).
4. Install temporary blockout cover until the installation of the Power and Control Box (PCBX), optical chamber (LBILC) and junction box (LBILJBOX-L) if needed.

LBI-JBOX-L INSTALLATION (REQUIRED FOR CONTINUOUS RUN)

1. Remove blackout temporary cover using flat screwdriver.
2. Connect junction box (LBIJBOX-L) to feeding cable. Refer to the Large Junction Box for Lumenbeam Inground (LBIJBOX-L) installation instructions for details.

LBILC AND PCBX INSTALLATION

1. Match each Power and Control Box (PCBX) to its optical chamber (LBILC) according to the pairing ID number on the labels. Mismatching the LBILC and the PCBX might damage both components.
2. Make connections and place each Power and Control Box (PCBX) and optical chamber (LBILC) in their blackout.
3. Record the location of each fixture by its RDM UID number to prepare for the commissioning process (DMX/RDM only).
4. Slide the optical chamber (LBILC) in the blackout using the cable tie handles.
5. Power fixture and test connections.

ORIENTATION AND TILT ADJUSTMENT

1. Rotate optical chamber (LBILC) until the arrow is facing the target.
2. Tighten screws to fix optical chamber (LBILC) to blackout.
3. Adjust the tilt by loosening the screw using the hex key. Tighten the screw to lock the tilt position.

TRIM INSTALLATION

- Flush trim hardware (FLH) and Bevel edge trim hardware (BVH)
Align trim with the holes in the optical chamber and fix the trim with provided screws (4x) using tamper-resistant screwdriver.
- Flush trim no hardware (FLN) and Bevel edge trim no hardware (BVN)
Align trim tabs with the holes in the optical chamber and clip on trim.

CERTIFICATE OF INSTALLATION

The certificate of installation must be completed, signed and returned by the installing contractor to Lumenpulse immediately upon completion of the installation of inground products. Failure to return the certificate of installation, duly completed and signed, shall void the standard 5-year limited warranty.