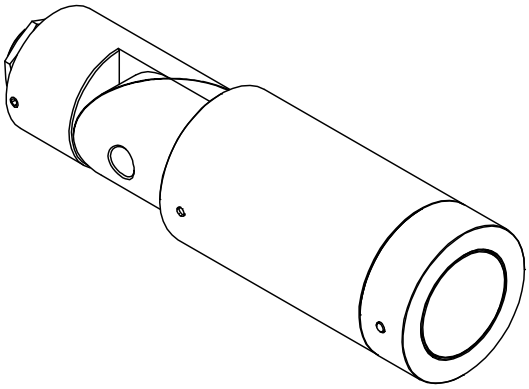
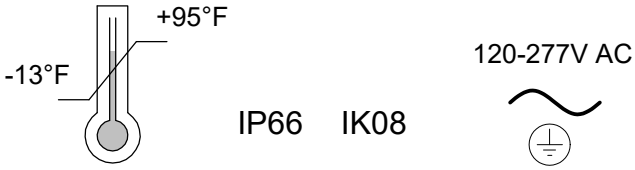
BULLETTO LINE

BLL41-

COMPACT ADJUSTABLE FLOODLIGHT PROJECTOR





If in doubt about the symbols refer to catalog or website.

WARNING

To ensure a maximum efficient use of the product, read the instructions before proceeding installment.

This fixture must be installed by a licensed and qualified electrician. The installer must comply with NEC and local building codes when installing the fixture

Electrical current can cause painful shock, serious injury, or even death. Make sure you turn off the power supply, ground fixture(s), and make sure all electrical connections are correct and secured

IP66

For use in IP66 installations.

Keep the label of the original packaging if any eventual future claims are needed

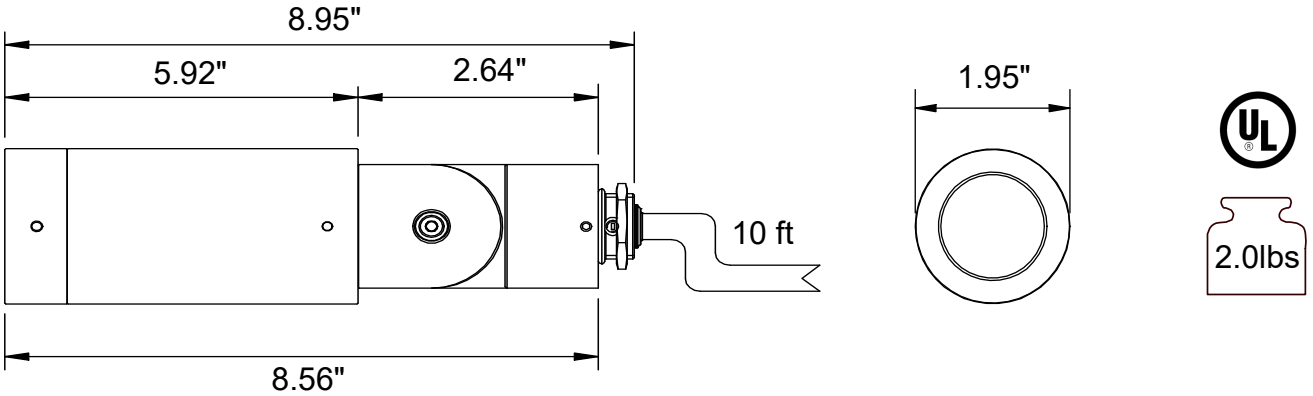


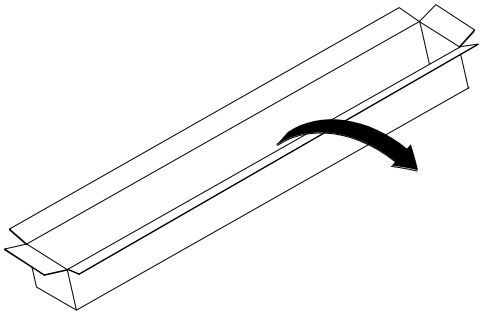
Table of Contents

Packaging Contents / Mounting Accessory Options	Pg.2
1E3786 Surface Assembly and Installation	Pg.3
1E3785 Earth Spike Assembly and Installation	Pg.4
1BLTSMCVR Canopy Installation	Pg.5
Tree Strap Mounting Installation	Pg.6
Pole Mounting Installation	Pg.7
Electrical Roughin / Wiring Diagram	Pg.8
Accessories Installation	Pg.9
Maintenance / Support	Pg.10

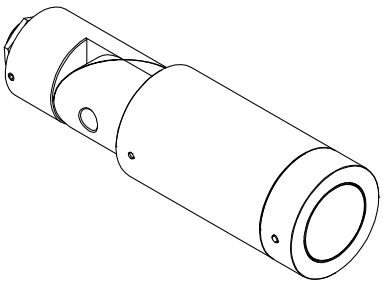
Targetti USA - A Targetti Group Company - 750-A W. 17th St. Costa Mesa, CA 92627 - Phone (714) 513-1991 - Email: targettiusa@targetti.com - www.Targettiusa.com

Packaging Contents

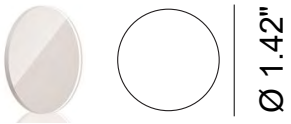
*10' 18-6 direct burial cable



Box 10"x2.5"x4" @ 2.0lbs.



BLL41-
Bulletto Line

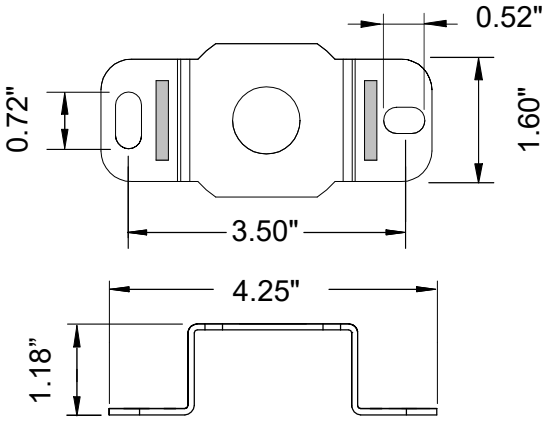


Spot/Flood/Medium Flood/Wide Flood holographic filters, 1 ea.

Confirm Specified Mounting (Sold Separately)

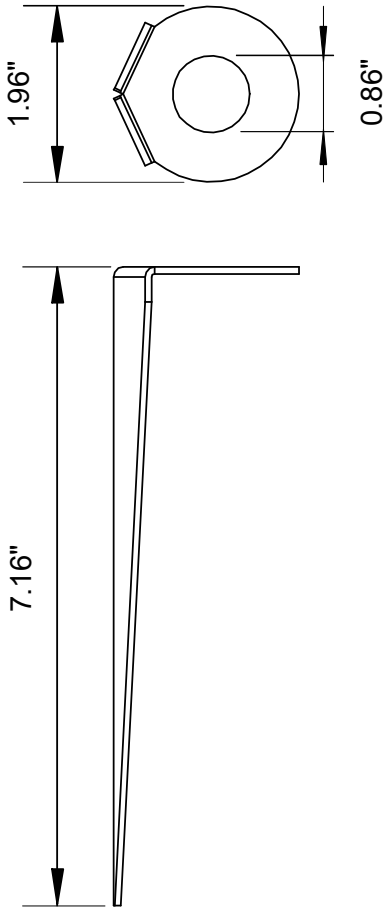
CODE: 1E3786

Surface mounting bracket.
Powder coated stainless steel.



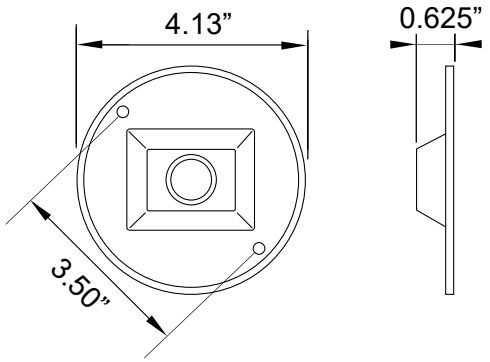
CODE: 1E3785

Earth Spike. Powder coated stainless steel.



CODE: 1BLTSMCVR

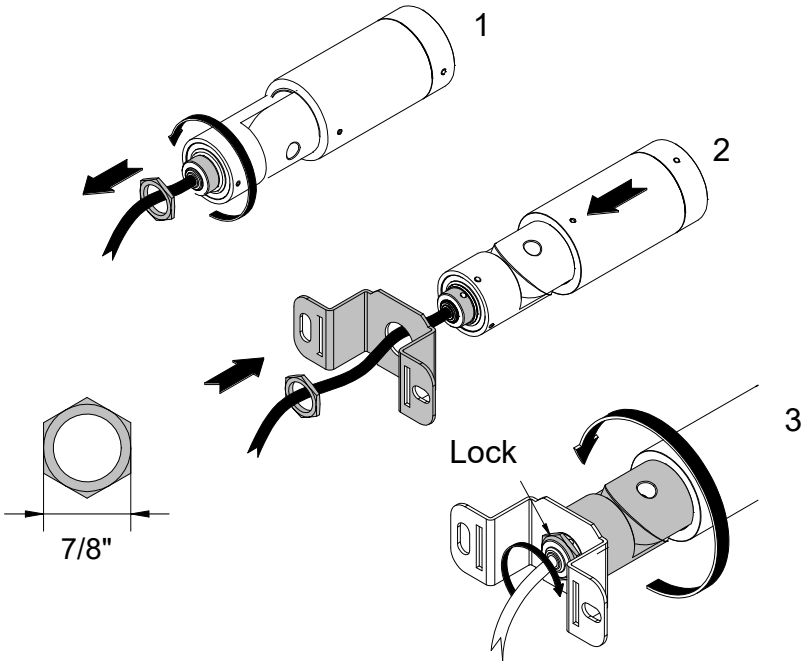
Low Profile surface canopy. Powder coated aluminum with 1/2” NPT to mount over standard 4.13” Dia. round outdoor j-box with remote power.



Targetti USA - A Targetti Group Company - 750-A W. 17th St. Costa Mesa, CA 92627 - Phone (714) 513-1991 - Email: targettiusa@targetti.com - www.Targettiusa.com

Fixture to Bracket Assembly

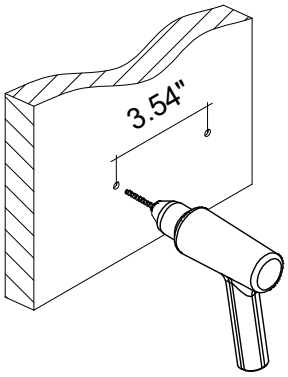
For Bulletto Line, installer will first remove the lock nut that is attached to the fixture. Once removed, insert the fixture's cable and bottom end through mounting accessory hole until the fixture bottom end is set flat with mounting accessory. Insert the cable through the lock nut and attach the lock nut back on the fixture's bottom threaded end. Make sure the fixture and mounting accessories are set correctly before tightening the lock nut.

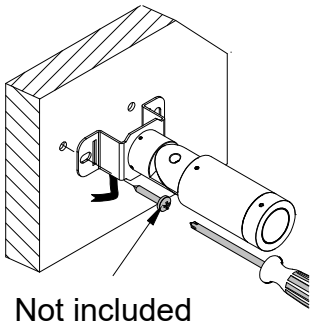


1E3786 Surface Bracket Installation

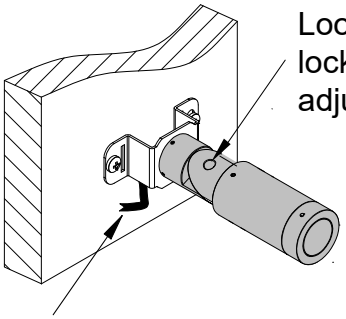
Installing the surface bracket for Bulletto Line. After the surface bracket has been attached onto the LED fixture, proceed to drill the 2 mounting holes that would support the bracket and fixture in place.

- Distance between holes should be approximately 3.54" from center to center.
- Use correct mounting screws according to mounting surface.
- Secure bracket and fixture with screws and tighten.
- Adjust aiming of light at desired angle.



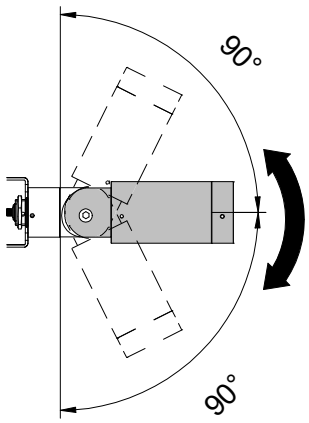


Not included



Loosen the lock screw for adjustability

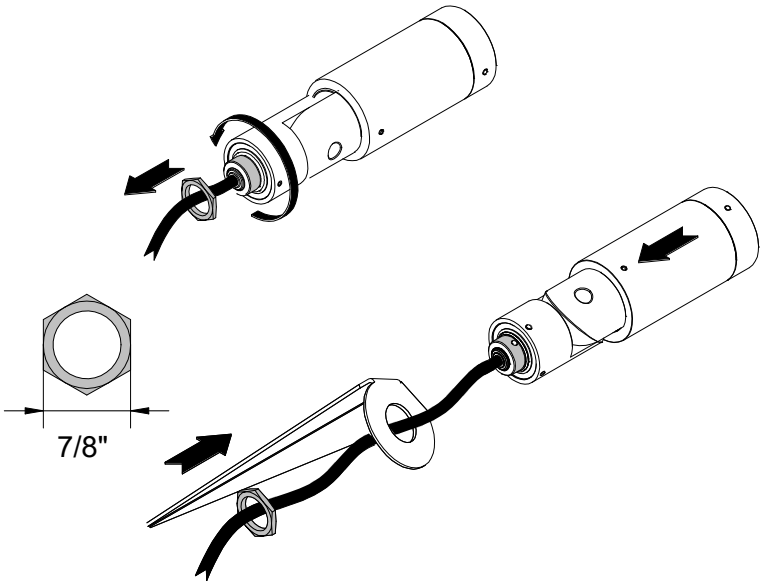
*10' 18-3 direct burial cable to local J-Box for waterproof connector



Targetti USA - A Targetti Group Company - 750-A W. 17th St. Costa Mesa, CA 92627 - Phone (714) 513-1991 - Email: targettiusa@targetti.com - www.Targettiusa.com

Fixture to Earth Spike Bracket Assembly

For Bulletto Line, installer will first remove the lock nut that is attached to the fixture. Once removed, insert the fixture's cable and bottom end through mounting accessory hole until the fixture bottom end is set flat with mounting accessory. Insert the cable through the lock nut and attach the lock nut back on the fixture's bottom threaded end. Make sure the fixture and mounting accessories are set correctly before tightening the lock nut.

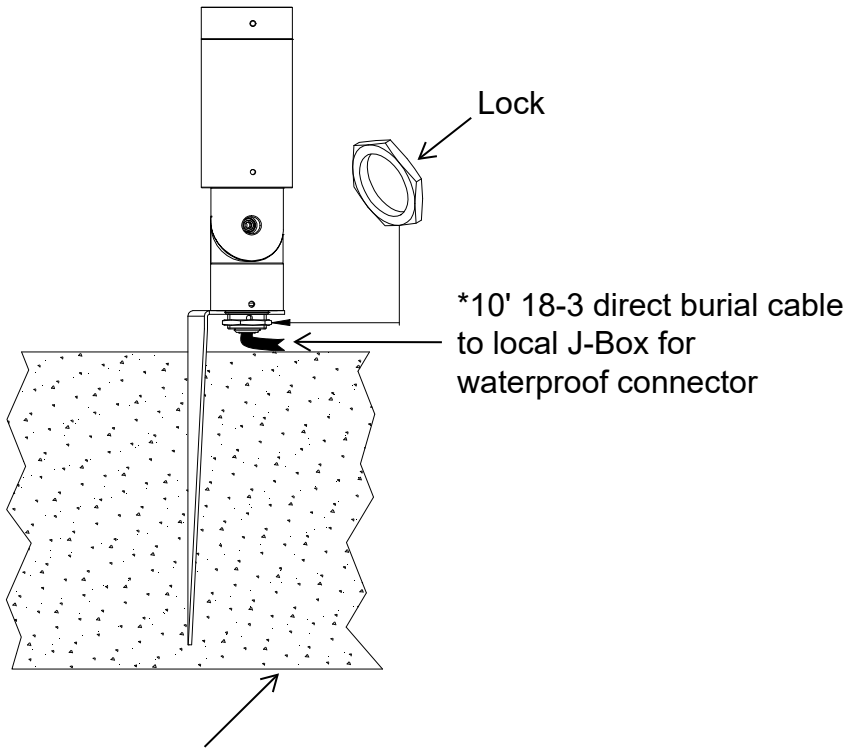


1E3785 Earth Spike Bracket Installation

This type of mounting bracket is the earth spike mounting bracket (cod. 1E3785). The mounting bracket is used for mounting in soil for outdoor application.

To mount the Earth Spike Bracket, first be sure that the proper space and depth for the earth spike to be mounted is cleared. Once all is cleared, insert the earth spike with the attached fixture into the ground. Be sure that the earth spike is leveled and secured to the ground.

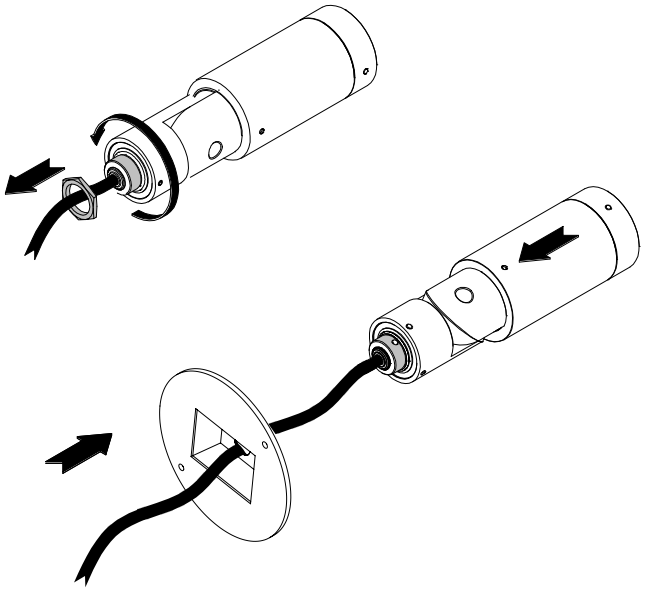
After the earth spike has been attached onto the LED fixture, identify the mounting location and simply insert the earth spike into the ground. This accessory is not intended to be used as concrete anchor.

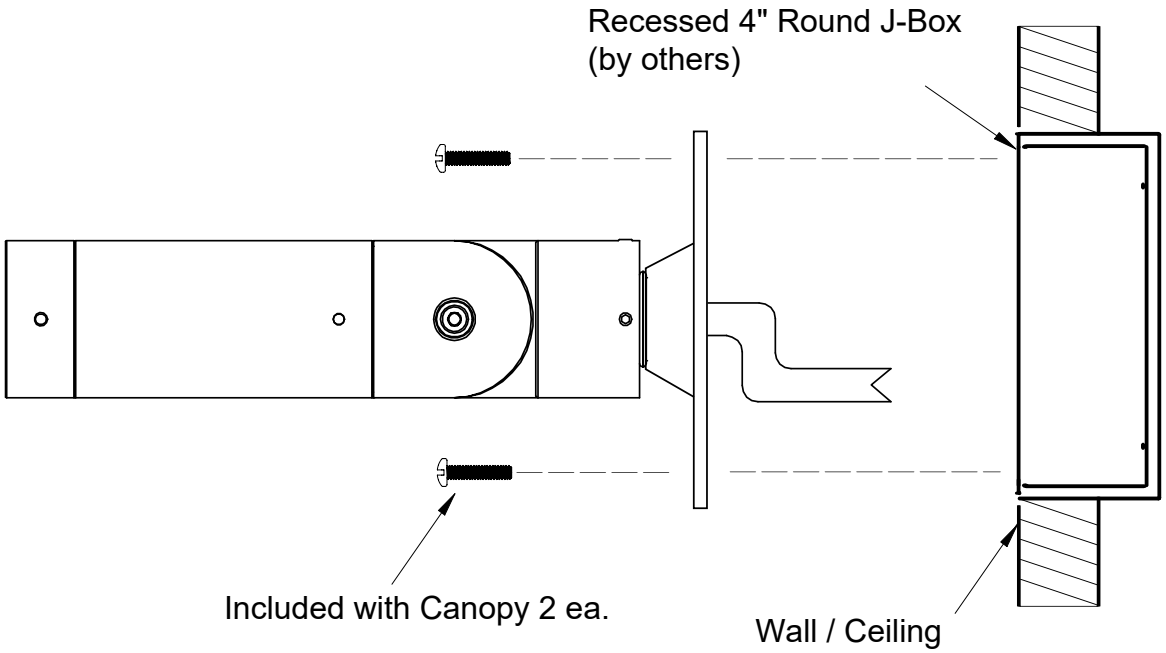


1BLTSMCVR Canopy Installation

Installing the Canopy on an outdoor recessed J-Box for Bulletto Line.

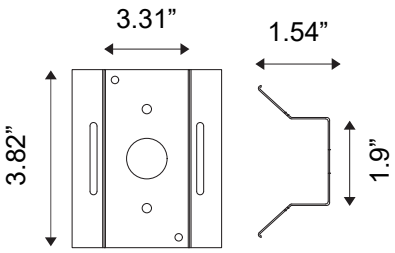
- After attaching the canopy onto the LED fixture, identify the J-Box where the Canopy and fixture will be installed.
- Proceed to make wire connections accordingly using appropriate connectors (make sure this is done into a 24v power source)
- Then simply insert the 2 mounting screws that are included with the Canopy and secure the canopy onto the electrical J-Box and tighten to complete the installation.
- Adjust aiming of light at desired angle.





Tree Strap Mounting Installation

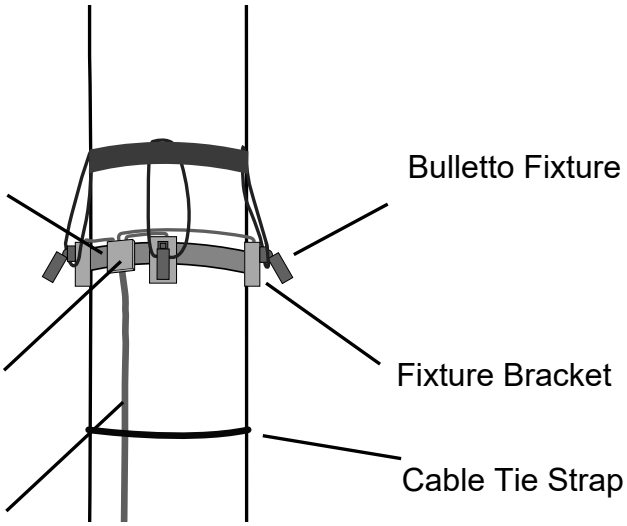
For tree mounting, there are two types of tree mounting systems: there is the single tree strap and the double tree strap. For the tree strap installation, installer will strap belt with attached fixture(s), depending the tree strap type, and secure the belt around the tree. For added security mounting, a safety strap with rubber belts is attached above the fixture's tree strap and the belts loop around the fixture to hold in place while mounting. Once the strap is secured on the tree with the fixtures attached, connect all fixture's output wires inside the connection box and connect the wires with weatherproof connectors (provided by installer).
Warning: DO NOT CONNECT FIXTURES TO LIVE VOLTAGE.



TTBLT0101

Single Tree Strap

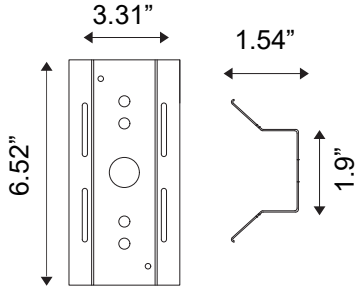
(Up to 3 fixtures)



Connection Box

Low voltage Cable

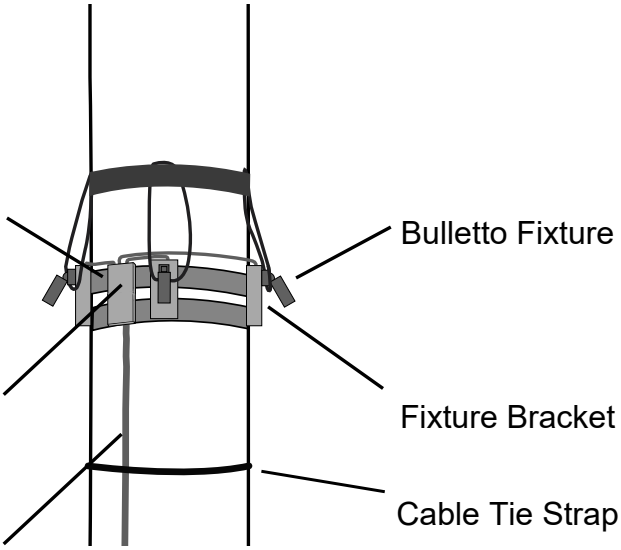
Homerun



TTBLT0201

Double Tree Strap

(Up to 8 fixtures)



Connection Box

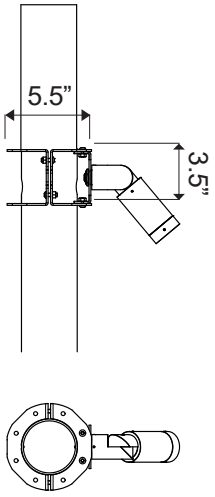
Low voltage Cable

Cable Homerun

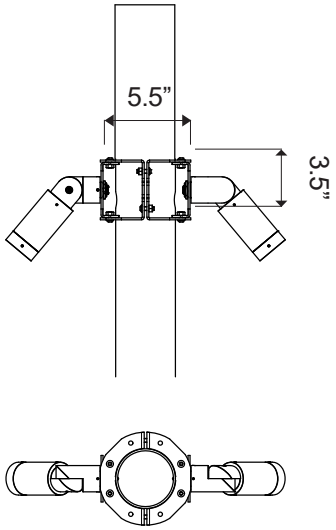
Pole Mounting Installation

The Bulletto Line Voltage fixtures have an available pole mounting option. Fixture(s) that are ordered for pole mounting are equipped with a 25 foot 18/6 AWG cable attached from the fixture. Depending on what the customer orders, fixture(s) come with event poles pre-drilled and threaded for easy bracket mounting. Once pole is installed, mount the brackets to its designated mounting hole location and secure it with the included bolts. Once secured, mount the fixture(s) on the mounting brackets and run the cable through the pipe to allow the cable(s) to run all the way down to the bottom where the hatch is located. From there, installer will make the connections to the line voltage circuit with the correct weatherproof connectors following NEC and local building code. **Warning: DO NOT CONNECT FIXTURES TO LIVE VOLTAGE.**

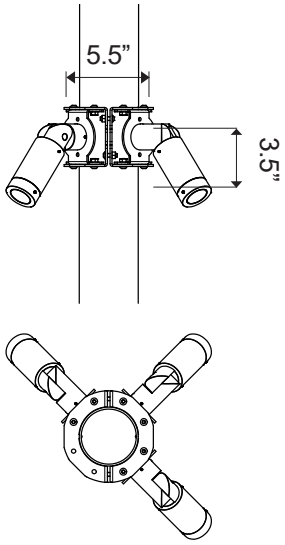
MOUNTING BRACKET
1 FIXTURE
1USP01BKTFES



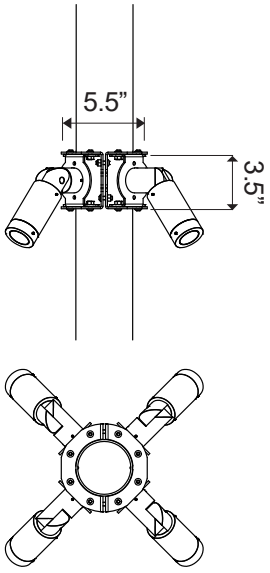
MOUNTING BRACKET
2 FIXTURE
1USP01BKTFED



MOUNTING BRACKET
3 FIXTURE
1USP01BKTFET



MOUNTING BRACKET
4 FIXTURE
1USP01BKTFEQ



Electrical Roughin / Wiring Diagram

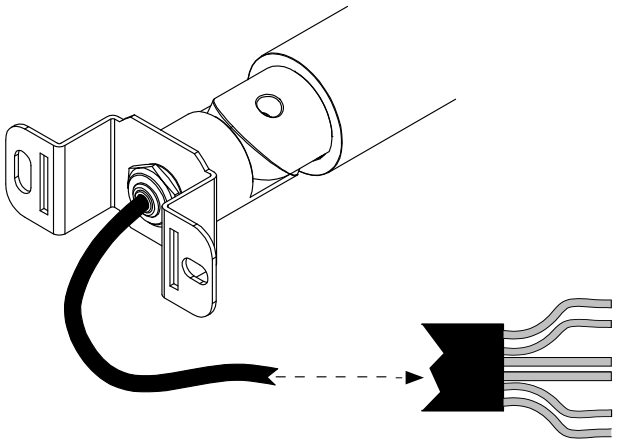
The Bulletto Line fixture are powered by a 120-277VAC line voltage power that is installed to the nearest accessible junction box per local and NEC code. **This installation must be done by a qualified electrician that complies with NEC and local building code. CAUTION: DO NOT CONNECT FIXTURE TO LIVE VOLTAGE! THIS WILL DAMAGE THE FIXTURE AND VOID THE WARRANTY!**

Fixture is powered with a 10 foot 18/6 AWG, 600V outdoor rated cable, for line voltage application with 0-10V dimming. This fixture is equipped to handle 4 different dimming systems. If the line voltage power is 120VAC, fixture can be dimmed with either a ELV or MLV dimmer. If installer wishes to dim with 277VAC, installer can only dim the fixture with the 0-10V dimming option. **Installer cannot use line voltage dimming with 277VAC input.**

For pole mounting installation, fixture comes with 25 foot 18/6 AWG, 600V outdoor rated cable.

Installer will run the cable from the fixture to the designated junction box and secure the connection with the correct weatherproof connectors. Location of application from the output power feed to the driver. Cable length (A) and gauge (B) will be determined based on installer that complies with NEC, local building code, and voltage drop threshold percentage of <5%.

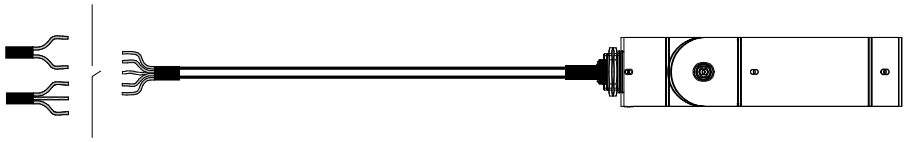
Installer can daisy chain wire the fixture(s) within the junction box. **Caution:** Installer must ensure the amount of fixtures on the circuit does not exceed the calculated rated max circuit amperage on the line. **Overloading the circuit with too many fixtures could damage the fixture(s) and will void the fixture and driver warranty.**



Output Wire Color Code

White Wire - Neutral Wire
Black Wire - Line Wire
Green/Yellow Wire - Ground
Red Wire - Not Used
Purple Wire - Dimming (+)
Gray Wire - Dimming (-)

Line Voltage
120V/277V

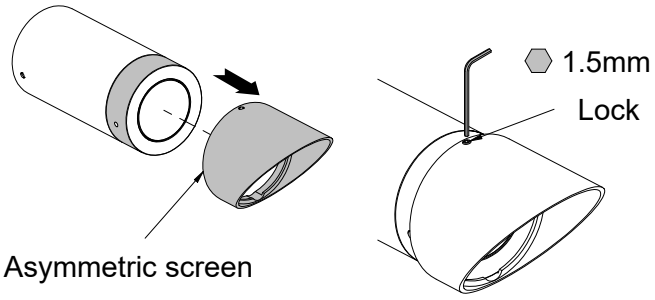


Dimming
0-10V

Accessories Installation

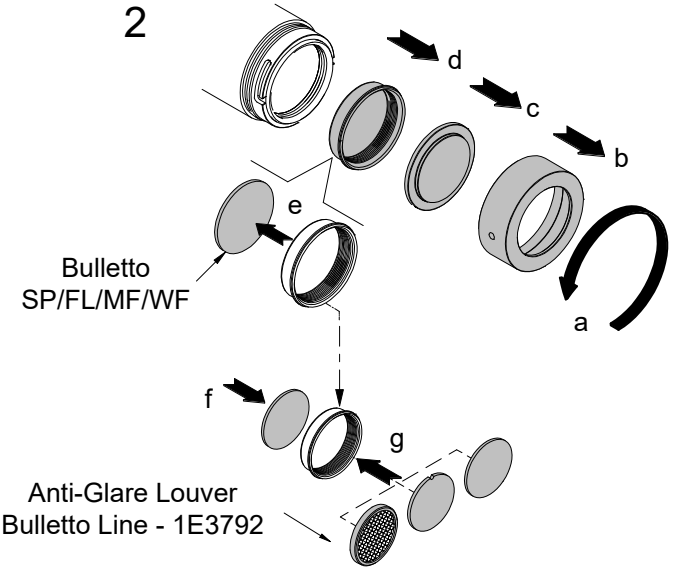
The Bulletto Line Voltage fixture has a wide range of accessories to customize. To change the accessories, first remove the fixture asymmetric screen, (if attached), by loosening the 1.5 mm hex screw using a Allen key (not included). Once the hex screws is removed, remove the asymmetric screen to access the inside to add the filter that the user prefers.

1



Asymmetric screen
COD. 1E3788

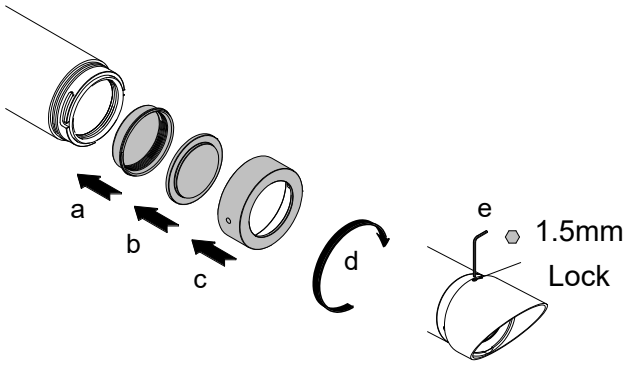
2



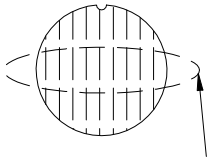
Unscrew the head cap to access the internal optical components inside (a). Remove the cap (b) and the lens (c) to access the optical reflector and filter holder (d). Remove the optical reflector from the filter holder (e) to switch the optic type. Then choose the desired filter(f) you wish to add in the filter holder. The filter holder can hold up to three max filters per fixture (g). For the blade of light filter, pick the desired position you want to add the blade of light and attach the filter in the same order as any other filter. See chart below for different types of filters available.

Once the filter(f) have been set, put back the fixture pieces together starting in reverse order with the filter holder (a), the lens (b), and then the cap (c) and screw the cap back on tight clockwise (d). Then reattach the asymmetric screen back on and secure it with the 1.5 mm Allen key (e).

3



ELLIPTICAL FILTER	
COD.	1E3790



Luminous effect

LUMISHAPE ACCESSORIES	
LS03601	ROUND PINHOLE
LS03602	ROUND CIRCULAR
LS03603	SQUARE PINHOLE
LS03604	REGULAR SQUARE
LS03605	HALF COVER
LS03606	QUARTER COVER

Maintenance

This fixture was designed and manufactured for a durable, long lasting use with minimum care. To ensure the maximum lifespan of this product, we encourage our customers to provide a quality visual inspection of the fixture and installation accessories every six months. If there are any visible signs of issues (i.e moisture or dust) during the inspection, please clean any of the dust or moisture with a soft cloth and check to make sure that any of the fixtures are still operating normally. If there are any issues regarding the fixture, please contact us as we will assist the situation at hand.

Support

Any questions, problems, or comments you have please feel free to contact our Customer Service department during our business hours Monday-Friday 8am-5pm via: Email: usaorders@targetti.com
Phone: (714) 513-1991

Visit our website: http://www.targettiusa.com