TARGETTI

DART MEDIUM EVENT POLE
DAM41FE-

MULTI-HEADED EVENT POLE WITH
PROFESSIONAL ADJUSTABLE FLOODLIGHT
PROJECTORS

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 tightly.
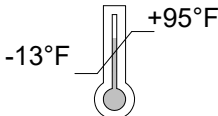
For use in IP66 installations.

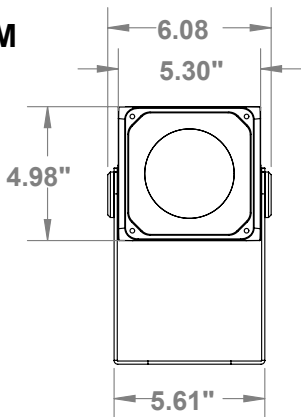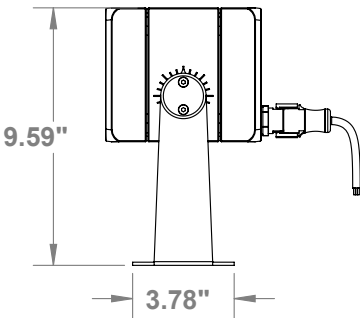Keep the label of the original packaging if any eventual future claims are needed.

If in doubt about the symbols please refer to catalog or website
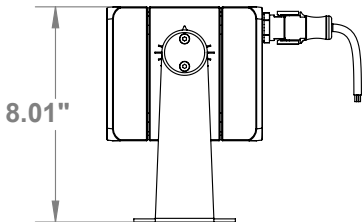
RoHS3 COMPLIANT | Marine | IP66 | cULus | **IK 10** | 120-277 VAC | -13°F / +95°F

DART MEDIUM

6.08
5.30"
4.98"
5.61"

BRACKET POSITION A
9.59"
3.78"

BRACKET POSITION B
8.01"

Table of Contents

2024-04 Pg.1

Packaging Contents / Dimensions
EVENT POLE (REQUIRED)

Ø 9.7"

Ø 3.5"

9.75"

Single

16ft

Ø 4.5"

47.75"

24.25"
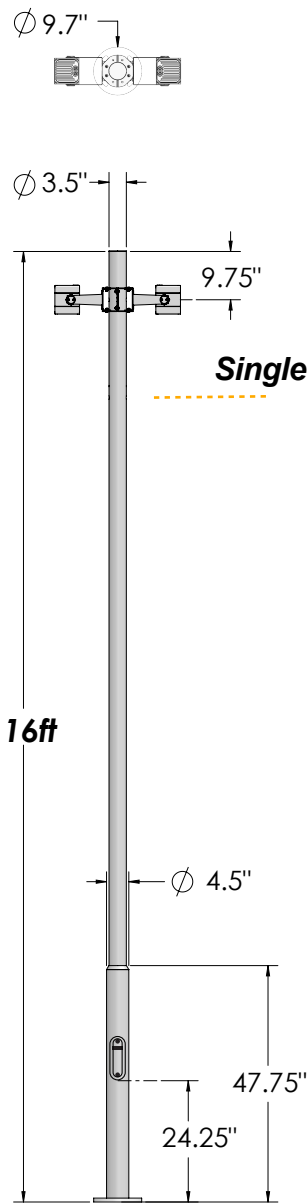
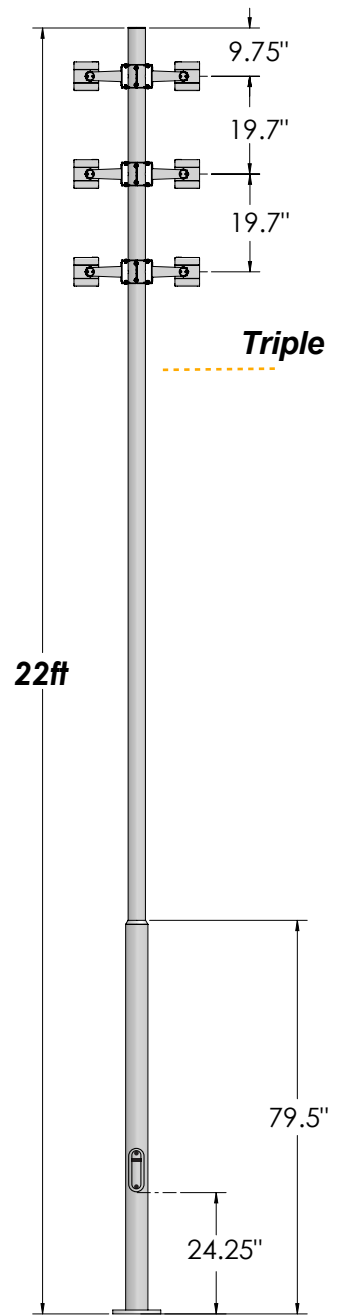**1USP01FE16S -** *SINGLE*

16ft round powder coated steel pole. Hot-galvanized EN ISO 1461 with integral hatch door for utility power.
Maximum of 1 bracket (4 fixtures).

9.75"

19.7"

Dual

19ft

59.75

24.25"
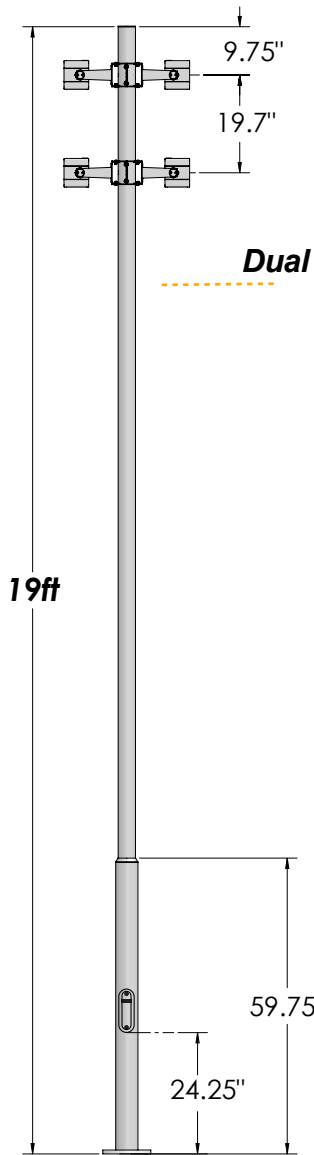
1USP01FE19S - *SINGLE*
1USP01FE19D - *DUAL*

19ft round powder coated steel pole. Hot-galvanized EN ISO 1461 with integral hatch door for utility power.
Maximum of 2 brackets (8 fixtures).

9.75"

19.7"

19.7"

Triple

22ft

79.5"

24.25"

1USP01FE22S - *SINGLE*
1USP01FE22D - *DUAL*
1USP01FE22T -*TRIPLE*

22ft round powder coated steel pole. Hot-galvanized EN ISO 1461 with integral hatch door for utility power.
Maximum of 3 brackets (12 fixtures).

Textured finish

⬤ Ferrite Dark Grey

2024-04 Pg.2

MOUNTING BRACKET (REQUIRED)
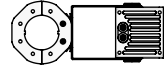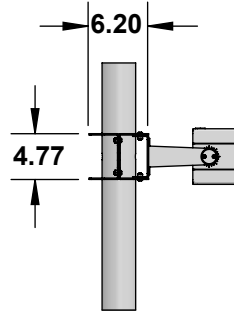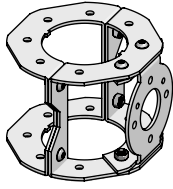
Mounting bracket, 1 fixture

Finish ● Ferrite Dark Grey	
Part No. **1USP01BKTFES**	
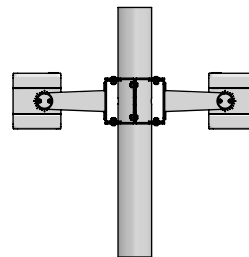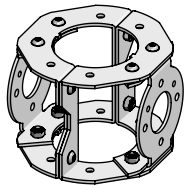
Mounting bracket, 2 fixture

Finish ● Ferrite Dark Grey	
Part No. **1USP01BKTFED**	
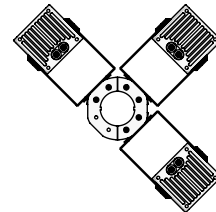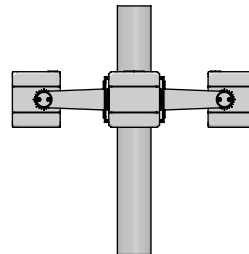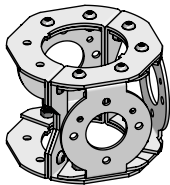
Mounting bracket, 3 fixture

Finish ● Ferrite Dark Grey	
Part No. **1USP01BKTFES**	
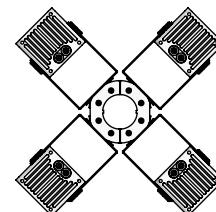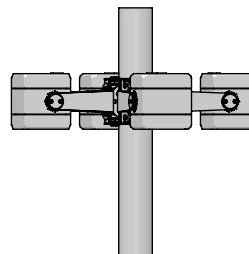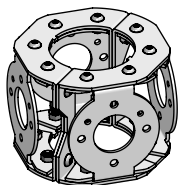
Mounting bracket, 4 fixture

Finish ● Ferrite Dark Grey	
Part No. **1USP01BKTFEQ**	

MOUNTING (REQUIRED)

⌀ 9.70   ⌀ 4.53   30.00

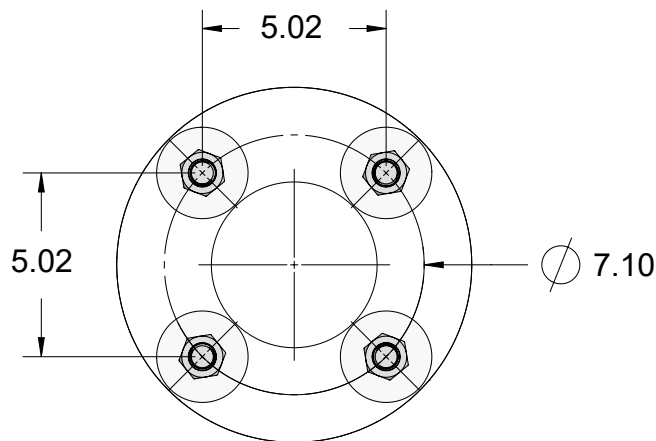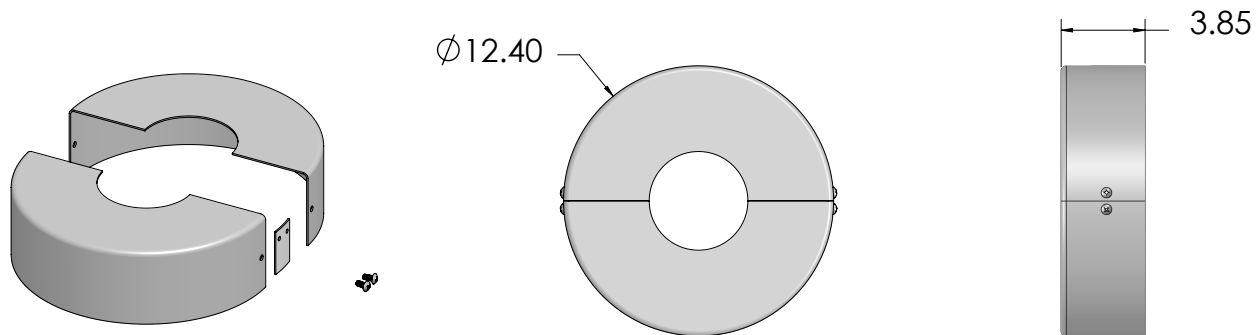
Part No.   **1USE001-**

Pole anchor kit. 4ea 3/4"x 30" 'J' anchor bolts, 8ea hex nuts and washers, 1ea template.**(REQUIRED per pole)**

Bolt Pattern Template

5.02   5.02   ⌀ 7.10

Pole Accessories (Optional)

⌀12.40

3.85

Aluminum decorative pole base cover.

Part No. **1USP01CVR02FE**

Iron decorative pole base cover. To be used in environments that may have impact.
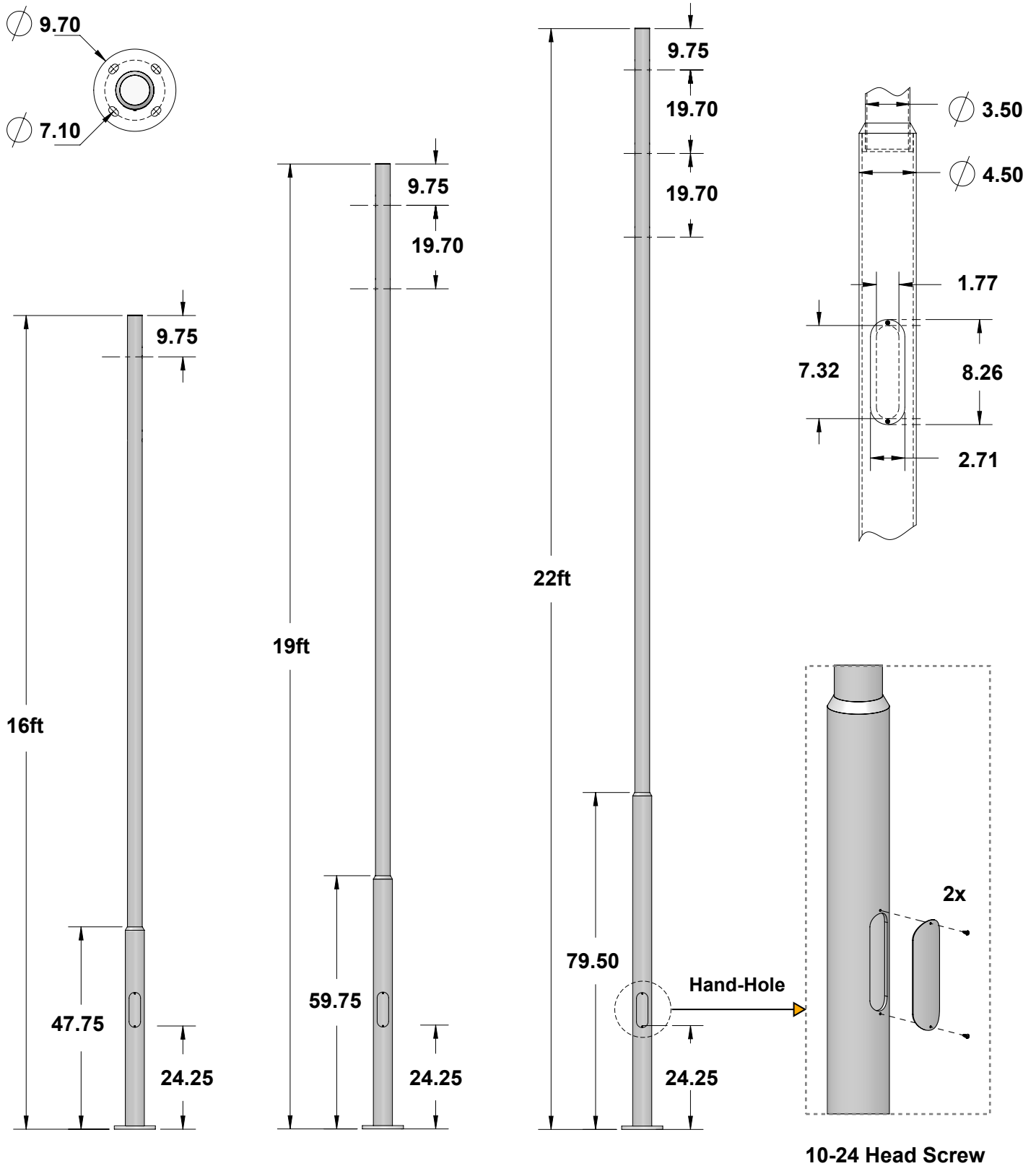
Part No. **1USP02CVR01FE**

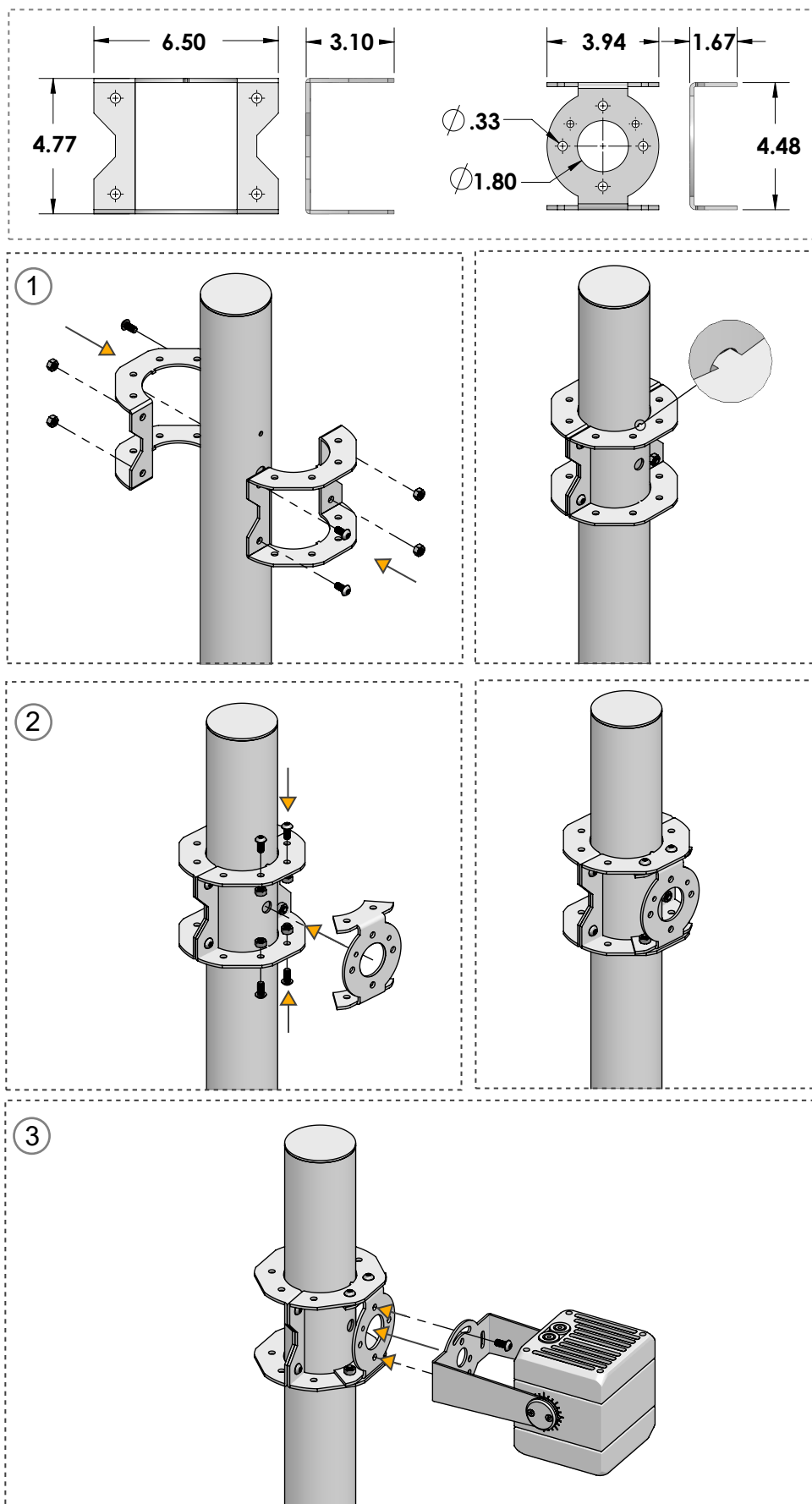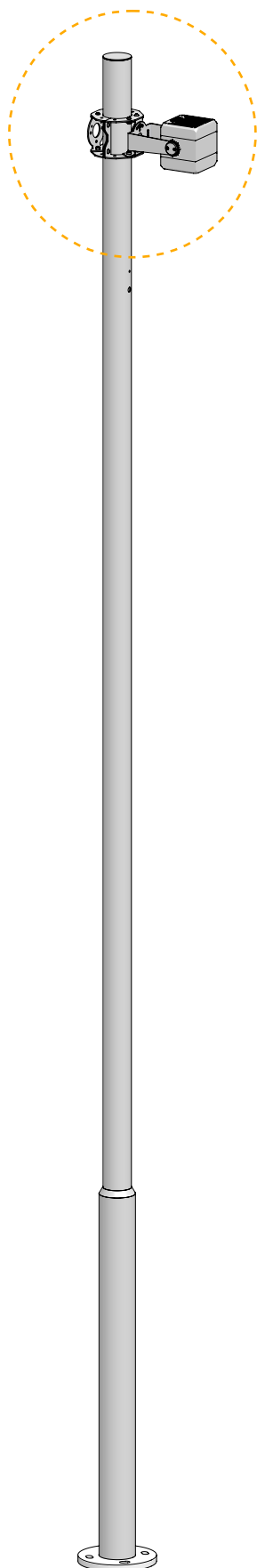*Finish* ● Ferrite Dark Grey

Pole Accessories Installation

Select height of pole
Dependant on fixture compatibility and configurations.

⌀ 9.70

⌀ 7.10

16ft

9.75

47.75

24.25

19ft

9.75

19.70

59.75

24.25

22ft

9.75

19.70

19.70

79.50

24.25

Hand-Hole

⌀ 3.50

⌀ 4.50

1.77

7.32

8.26

2.71

2x

10-24 Head Screw

Pole Accessories Installation Cont.

MOUNTING SINGLE BRACKET

6.50   3.10   3.94   1.67

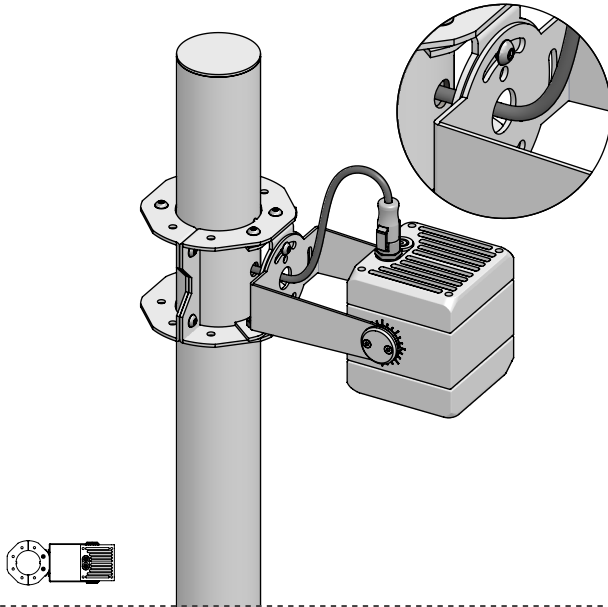4.77   ∅.33   ∅1.80   4.48

①

②

③

Pole Accessories Installation Cont.

Select number of fixtures on each bracket, relative to each level desired.

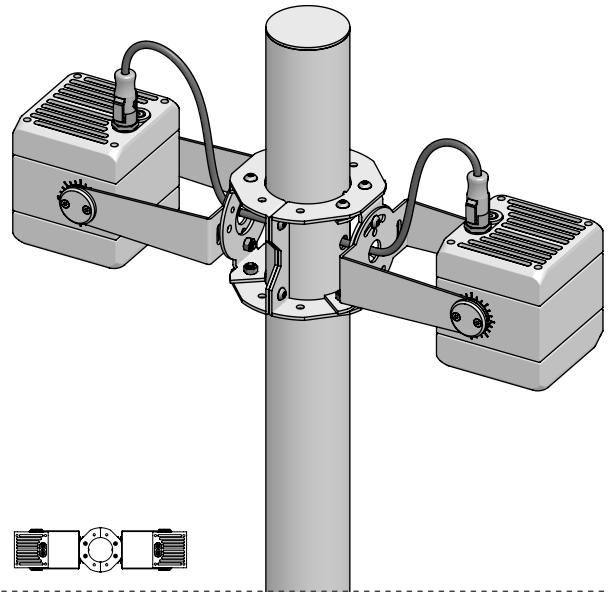*Dependant on fixture compatibility and configurations.*
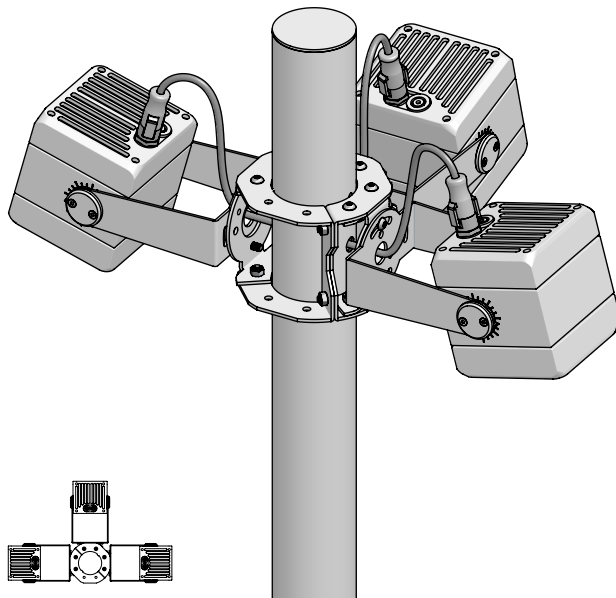
1USP01BKTFES
Mounting Bracket, 1 Fixture
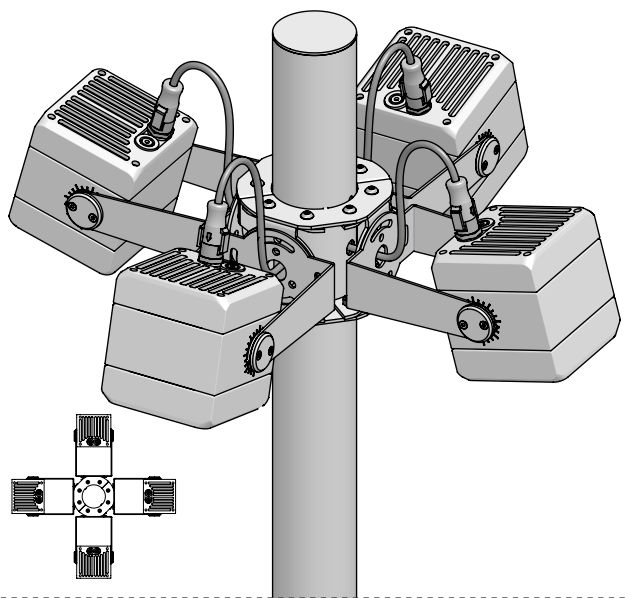

1USP01BKTFED
Mounting Bracket, 2 Fixtures

1USP01BKTFET
Mounting Bracket, 3 Fixtures
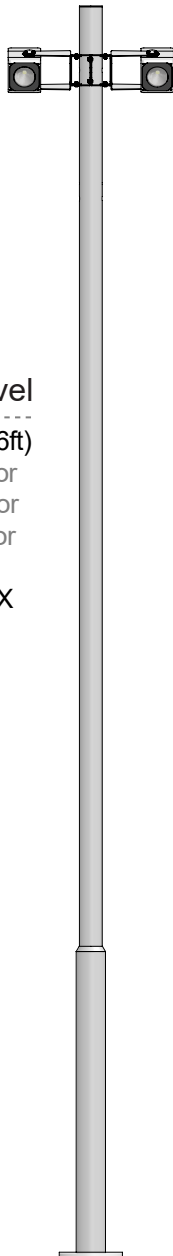

1USP01BKTFEQ
Mounting Bracket, 4 Fixtures

Select number of configuration levels
Dependant on fixture compatibility and configurations.

9.75"

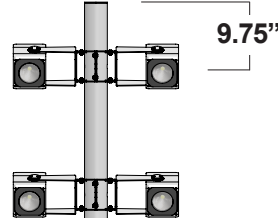**19.7" between center of bracket**

Triple Level

1USP01FE22T (22ft)
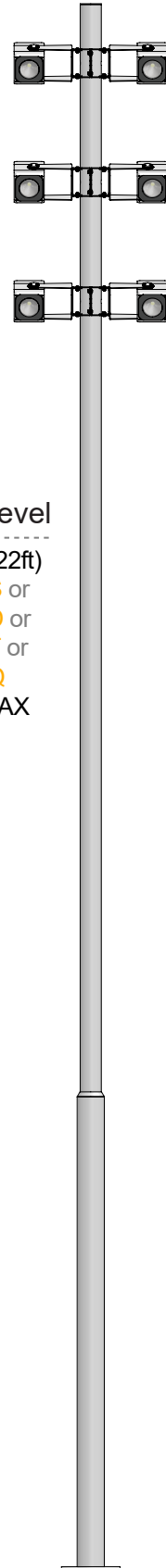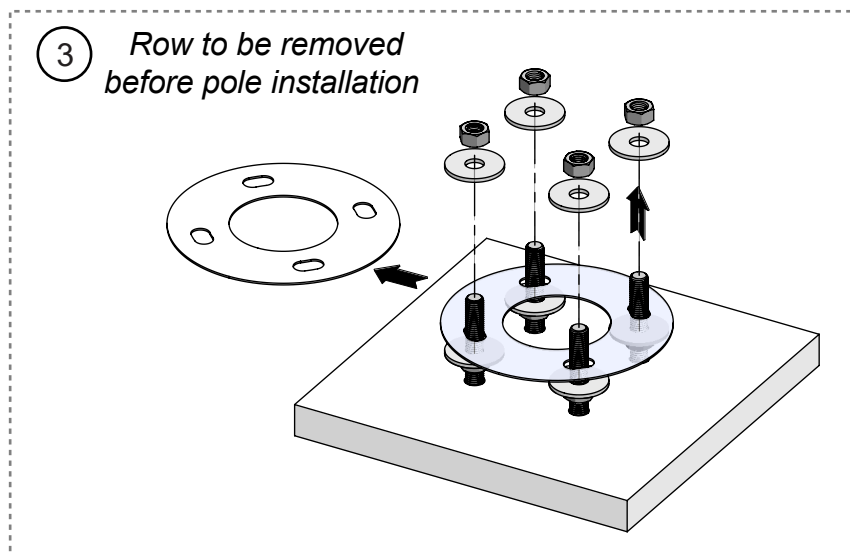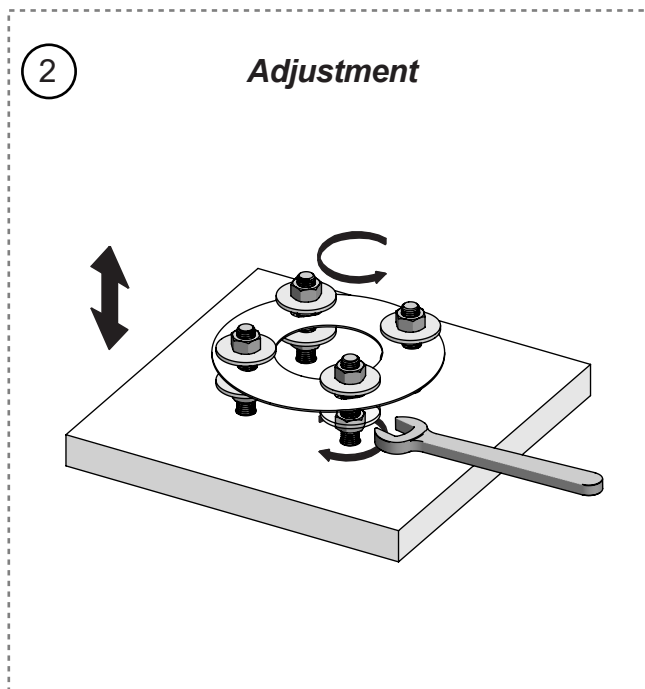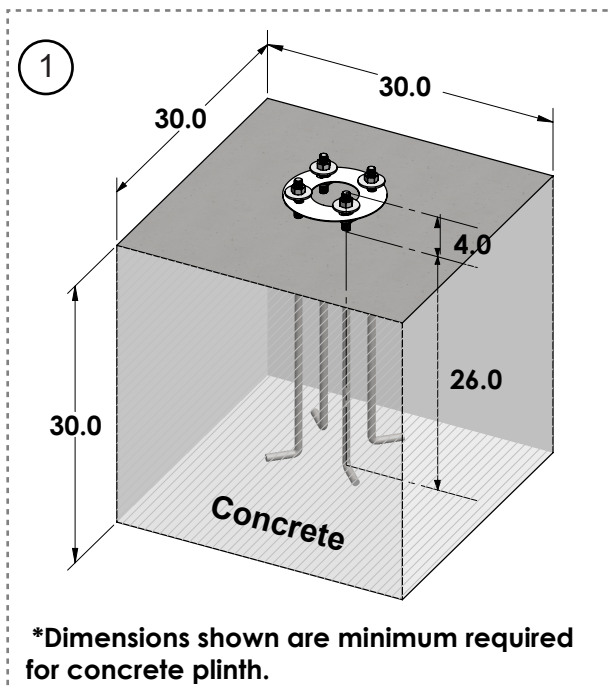1USP01BKTFES or
1USP01BKTFED or
1USP01BKTFET or
1USP01BKTFEQ
12 FIXTURES MAX

Dual Level

1USP01FE19D (19ft)
1USP01BKTFES or
1USP01BKTFED or
1USP01BKTFET or
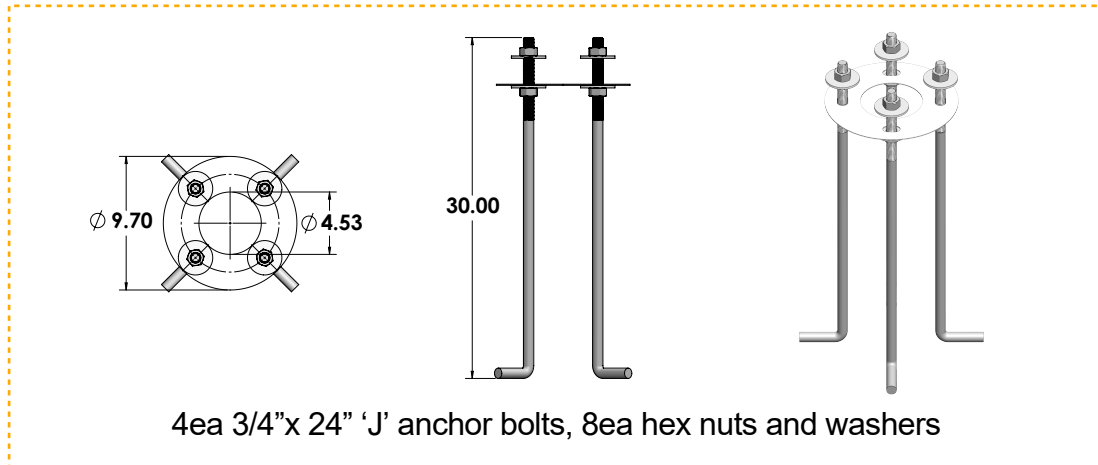1USP01BKTFEQ
8 FIXTURES MAX

Single Level

1USP01FE16S (16ft)
1USP01BKTFES or
1USP01BKTFED or
1USP01BKTFET or
1USP01BKTFEQ
4 FEATURES MAX

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Pole Accessories Installation Cont.

1USE001-

Ø 9.70 Ø 4.53

30.00

4ea 3/4"x 24" 'J' anchor bolts, 8ea hex nuts and washers

1

30.0

30.0

4.0

30.0

26.0

Concrete

Dimensions shown are minimum required for concrete plinth.

2 *Adjustment*

3 *Row to be removed before pole installation*

4

5

Level

6
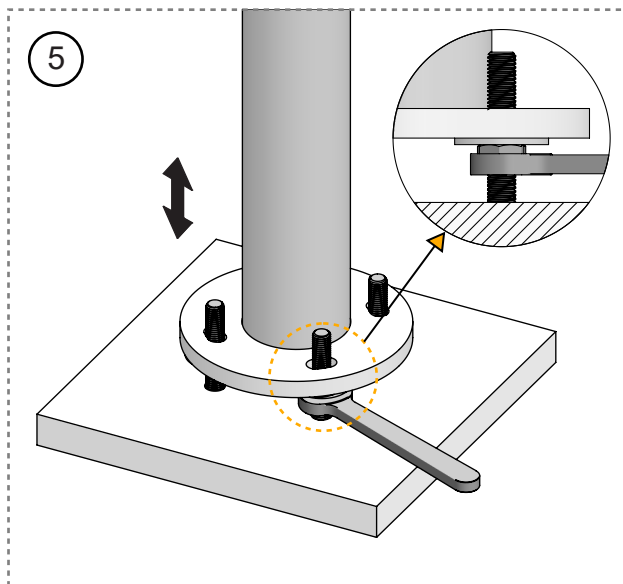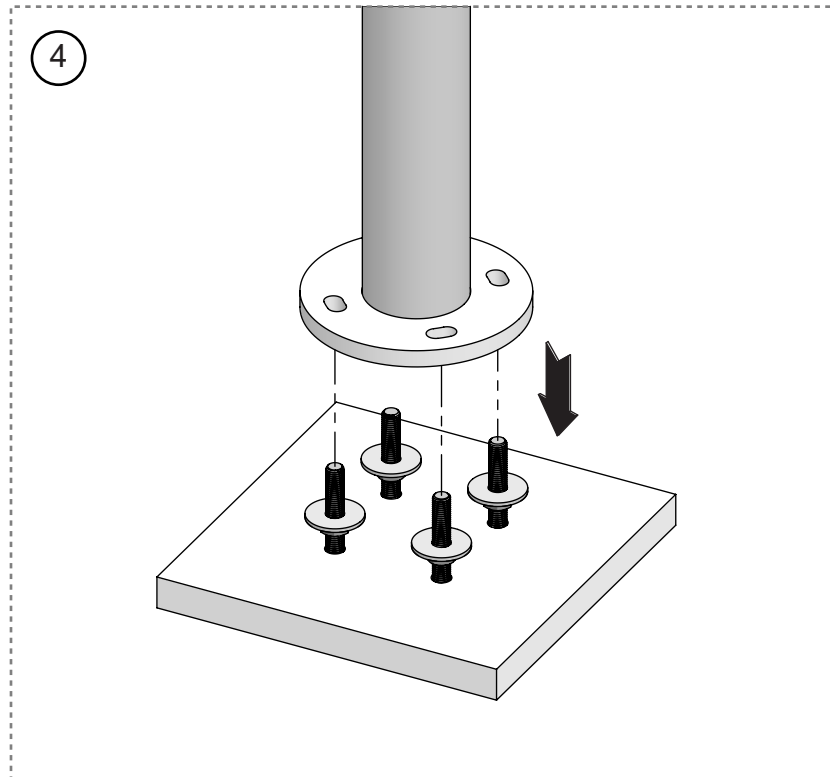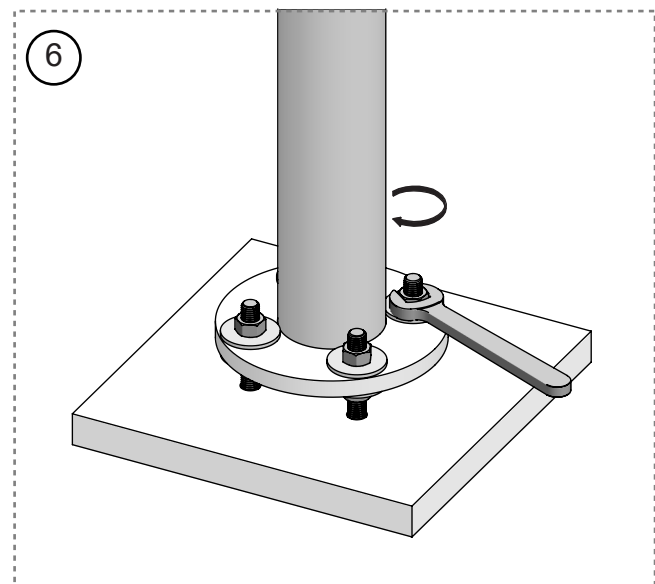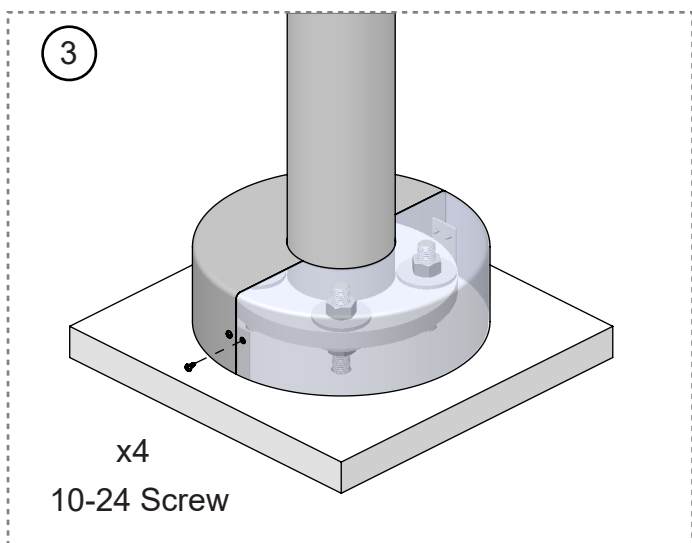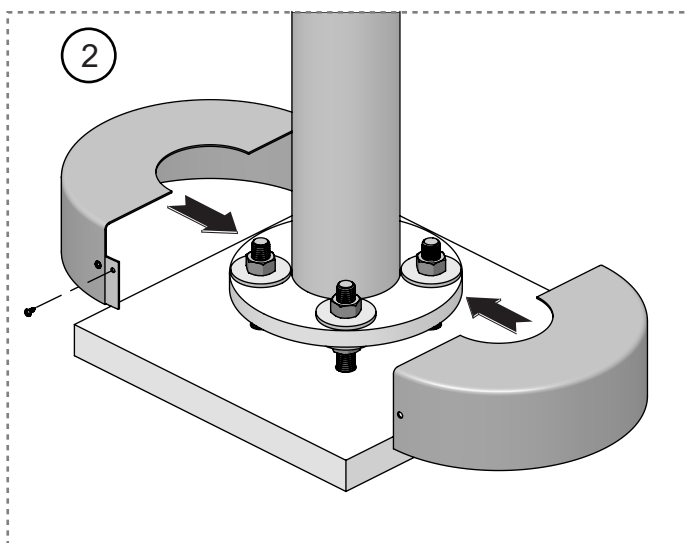
Lock

Cover Accessory Installation

1USP01CVR02FE
1USP02CVR02FE

12.40

3.85

1

x2

10-24
Thread Hole

10-24 Screw

2

3

x4
10-24 Screw

Pole Diagram

DART MEDIUM

POLE
16ft / 19ft / 22ft

HAND-HOLE

POLE BASE COVER

MOUNTING
4ea 3/4"x 24" 'J' anchor bolts, 8ea hex nuts and washers

C O N C R E T E

Dimming and Auxiliary Control In

120-277V Input

Dimming and Auxiliary Control Out

120-277V Output

Pole Diagram Detail

Cable with 10ft SJOOW 16-6 cable and DSM&T anti-wicking quick disconnect

J-Box
Supply by others

**POLE
16ft / 19ft / 22ft**

4.0

Finish Grade

26.0

Dimming and Auxiliary Control In

Dimming and Auxiliary Control Out

Concrete

120-277V Input

120-277V Output
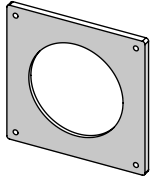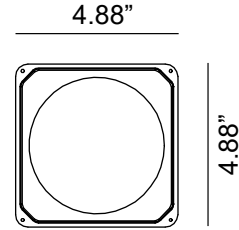
Optical Accessories (Optional)
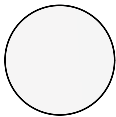*MAXIMUM OF TWO ACCESSORIES PER FIXTURE.*

4.88"

4.88"

Holder ring. CNC machined anodized and powder coated aluminum. Dimension 4.75in x 4.75in. **Required for use of all filters. Not required for use with 1E3024 or 1E3025.**
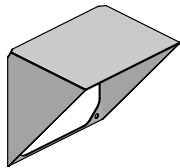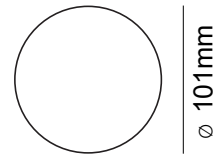
Part No. **1E3022** (*)

● Ferrite Dark Grey *(Default)*　● Heritage Brown (**HB**)*　● Bronze (**BZ**)*　○ White (**WT**)*　● Black (**BT**)*　● Sandstone Grey (**SG**)*
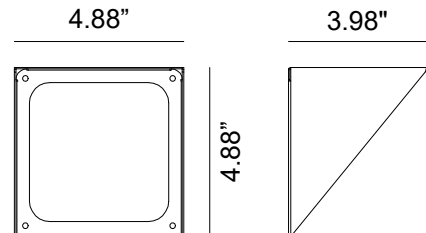
⌀ 101mm

'Blade of Light' linear spread lens. PMMA holographic filter. **Not suitable for use with NSP and AYSM optics. To be completed with 1E3022 dedicated holder ring. Does not apply toward maximum accessory count.**
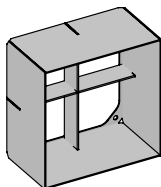
Part No. **1E3023**

4.88"　　3.98"

4.88"

**Asymmetric screen.** Powder coated stainless steel**. Not compatible with 1E3025.**

Part No. **1E3024** (*)

● Ferrite Dark Grey *(Default)*　● Heritage Brown (**HB**)*　● Bronze (**BZ**)*　○ White (**WT**)*　● Black (**BT**)*　● Sandstone Grey (**SG**)*

4.88"　　2.80"

4.88"

Anti glare louver with removable baffles in deep black finish for different levels of glare control. **Extrusion powder coat stainless steel. Cutoff 43.4°. Not compatible with 1E3024.**
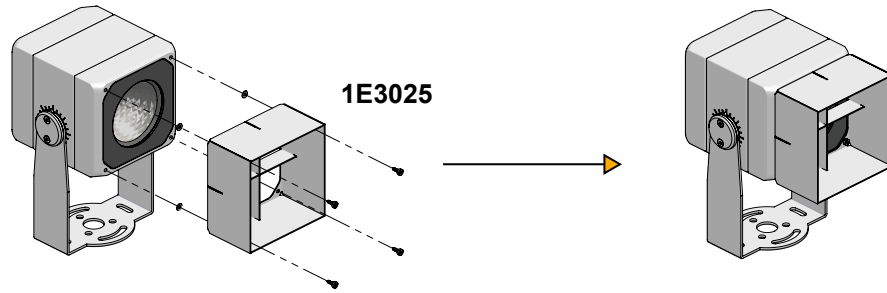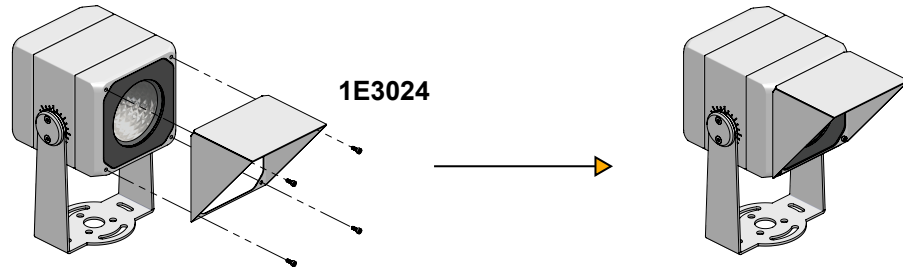
Part No. **1E3025** (*)
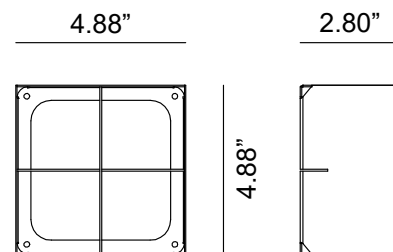
● Ferrite Dark Grey *(Default)*　● Heritage Brown (**HB**)*　● Bronze (**BZ**)*　○ White (**WT**)*　● Black (**BT**)*　● Sandstone Grey (**SG**)*　2024-04 Pg.15
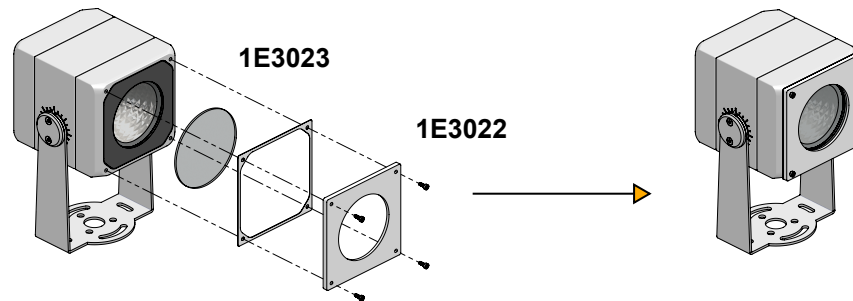
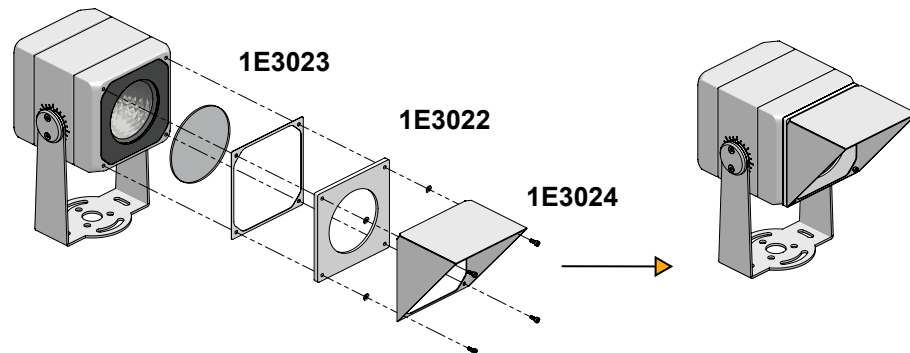# Optical Accessories Installation Options

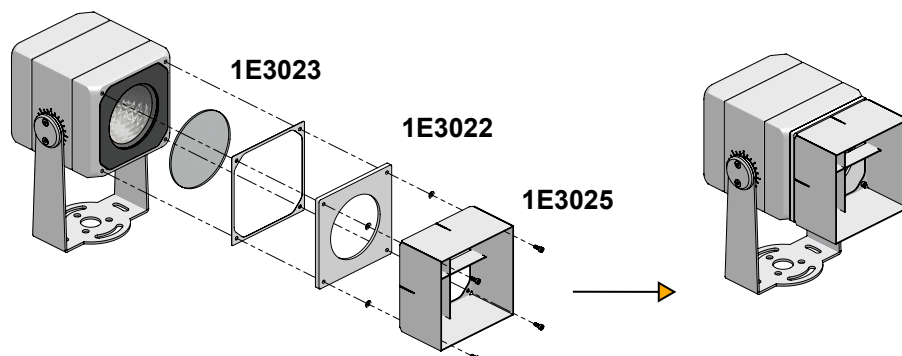HONEYCOMB ANTI-GLARE LOUVRE

1E3025

ASYMMETRIC SCREEN

1E3024

FILTER HOLDER RING

1E3023

1E3022

FILTER HOLDER RING AND ASYMMETRICTRIC SNOOT.

1E3023

1E3022

1E3024

FILTER HOLDER RING AND HONEYCOMB ANTI-GLARE LOUVRE
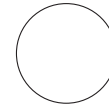
1E3023

1E3022

1E3025

Optical Accessories (Optional)
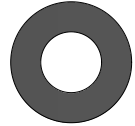## *MAXIMUM OF TWO ACCESSORIES PER FIXTURE.*

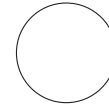Water jet cut stainless steel **round pinhole LUMISHAPE light shield. Performs best with SP optic.**
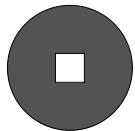
Ø 110mm

Part No. **LS11001**

Water jet cut stainless steel **round circular LUMISHAPE light shield. Performs best with SP or FL optic.**
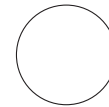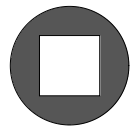
Ø 110mm

Part No. **LS11002**

Water jet cut stainless steel **square pinhole LUMISHAPE light shield. Performs best with SP optic.**
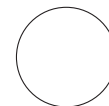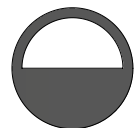
Ø 110mm

Part No. **LS11003**

Water jet cut stainless steel **regular square LUMISHAPE light shield. Performs best with SP or FL optic.**

Ø 110mm

Part No. **LS11004**

Water jet cut stainless steel **half LUMISHAPE light shield. Stackable up to 4pcs per fixture; 4pcs accounts to 1 accessory toward maximum accessory count. Performs best with FL or MWFL optic.**
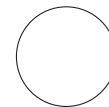
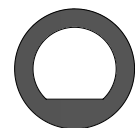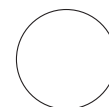Ø 110mm

Part No. **LS11005**

Water jet cut stainless steel **quarter LUMISHAPE light shield. Stackable up to 4pcs per fixture; 4pcs accounts to 1 accessory toward maximum accessory count. Performs best with FL or MWFL optic.**

Ø 110mm

Part No. **LS11006**

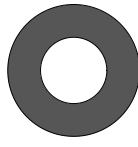**F***inish* ● **Ferrite Dark Grey** *(Default)*
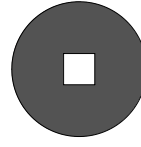
Lumishape Accessories Options
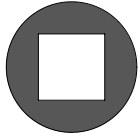## *With Lumishape*

LS11001
Round Pinhold
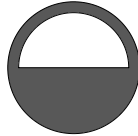
LS11002
Circular Lumishape

LS11003
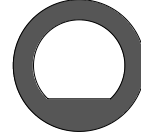**Square Pinhole**

LS11004
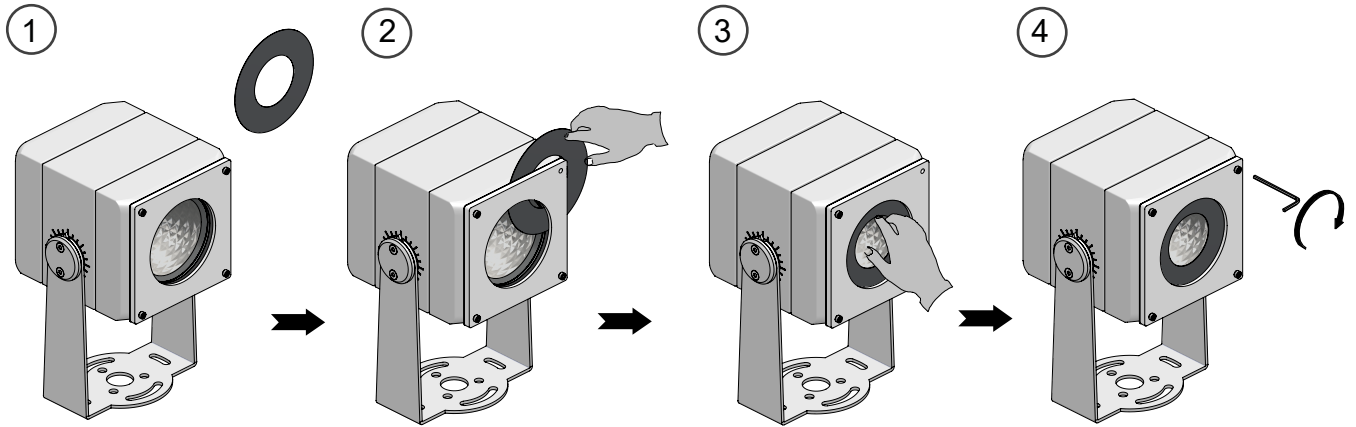**Square Lumishape**

LS11005
Half Lumishape

LS11006
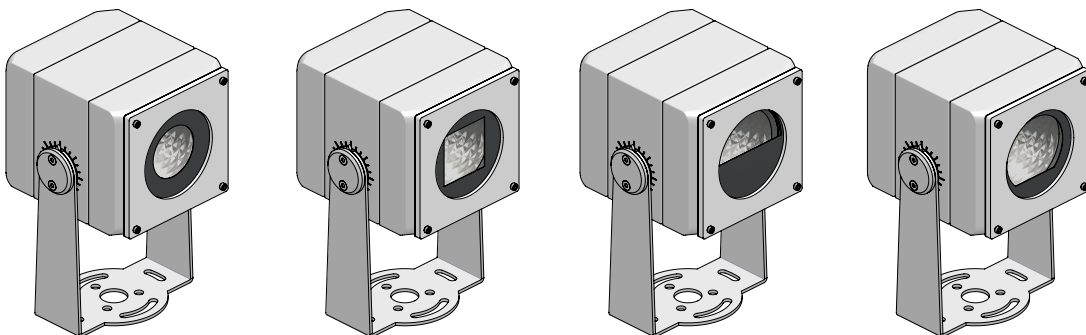**Quarter Lumishape**

LUMISHAPE

① ② ③ ④

Install Lumishape to between Holder Ring and body of fixture. Sliding under foam gasket.

Adjust Lumishape to center of the Holder Ring and rotate to desired position.

Be sure to tighten the four screws.

Example Installation

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 all 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