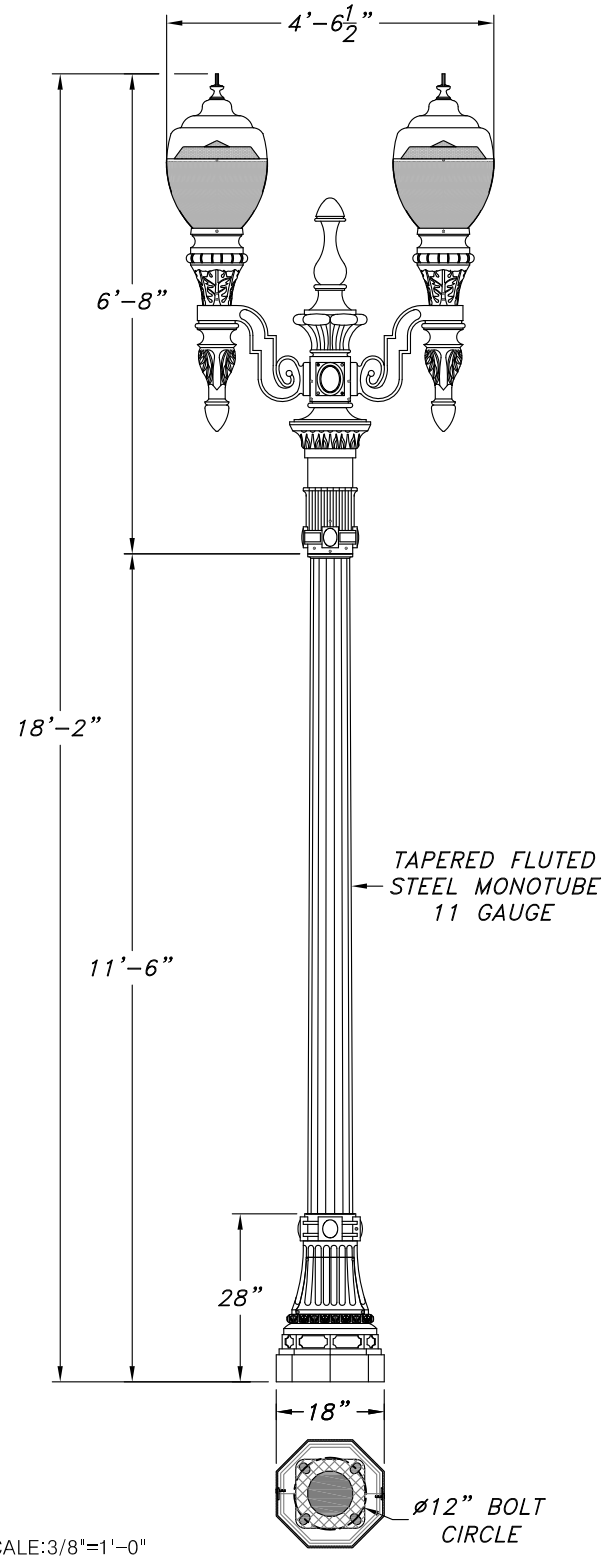
EL PASO PLAZA-18 SERIES



SCALE:3/8"=1'-0"

Catalog Name:

EPP-18-TFS-18-EPP-2-PZ-2014-425-LID

CSI POLE SPECIFICATION

I. BASE

Base shall be cast aluminum. Aluminum shall be certified as pure 356 copper free of any porosity, foreign materials or cosmetic fillers. Base casting shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be .250". Cast aluminum access cover shall be secured with two to four stainless steel screws.

II. POLE

Post shall be tapered 16-flute steel pole with a ⌀4"O.D.x 41"H. tenon for arm mounting. Shaft extrusion shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 11 gauge (1/8"). There are no exterior welds to finish. A bolt plate shall be welded on bottom of the extrusion.. A 11"SQ.x 11"SQ.x 1"TH. bolt plate w/ 4 slots for anchor bolt placement shall be welded to the bottom of the extrusion.

III. ANCHORAGE DETAIL

Pole base requires (4 1"x 36" hot galvanized L.-type Anchor Bolts with 5" maximum projection each. Anchor Bolts are ASTM A-36 and ASTM A-153 at galvanized.

IV. ARM

The arms shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Electrical wiring shall run through arm up and out through the ⌀3"O.D.x3"H tenon.

V. HOUSING

The post top shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Electrical components are mounted in the ballast canister. The ballast canister shall be mounted in the post top with three stainless steel screws. A optional refractor will be a upgrade refractor globe designed for either a type III or type V light distribution pattern. Alum inum Dark Sky disk mounted on the interior of refractor globe.

VI. ELECTRICAL

All electrical components and materials shall be UL-recognized and wired by a certified UL technician. All Niland ballasts are high power factor rated for -30°C/-20°F starting. Medium and Mogul base sockets are 4 KV rated. The electrical assembly is prewired with quick disconnects for servicing. Fixture shal be UL certified for wet locations.

FINISHES

Five Year Powder Coating Warranty

Niland Company factory-applied powder coatings are warranted against peeling, excessive fading and cracking under normal climatic exposure for a period of five years from date of shipment. Damage to finish coating caused by abuse or mishandling during installation is not covered by warranty. This warranty is limited to the repair or replacement of the material involved and does not included reimbursement of consequential expenses such as installation or removal of equipement or transportation costs.

I. STANDARD FINISH

Satin iron achieved by rotary sanding, blasting and phosphate conversion coating.

II. THERMOSET POWDER PAINT FINISH

Pretreatment shall consist of degreasing phosphate acid-etching with 140° and de-ionizing water, rinsed and oven dried.

FINISH COAT

Thermoset TGIC super polyester powder coat finish electrostatically applied, oven cured and bonded at approximately 420° F to a minimum dry film thickness of 1.6 mils. All Niland powders must pass a minumum 3000-hour salt-spray test for corrosion resistance. The National Association of Architectural Metal Manufacturers, Metal Finishes Manual rates the outdoor life of these powders at 15-plus years.

III. LIQUID FINISH

Optional liquid finish is first prime coated then finished with a two part liquid epoxy coat.

WARRANTY

Niland Company warrants to repair or replace, at our option, any equipment that fails due to defects in material or workmanship within one year from date of shipment. This warranty does not include failures as a result of improper installation, mishandling or misapplication. This guarantee is limited to repair or replacement only and does not include reimbursement for expense of installation, removal of equipment, transportation or any other expenses that may be incurred. Authorization must be obtained from Niland Company in El Paso, Texas before any material is returned.

Revision #: 0 Date: 02.15.18 Page: 1 of 5

Revision History: N/A

Niland Approval: Luis M. Gomez Customer Approval:

Niland Company

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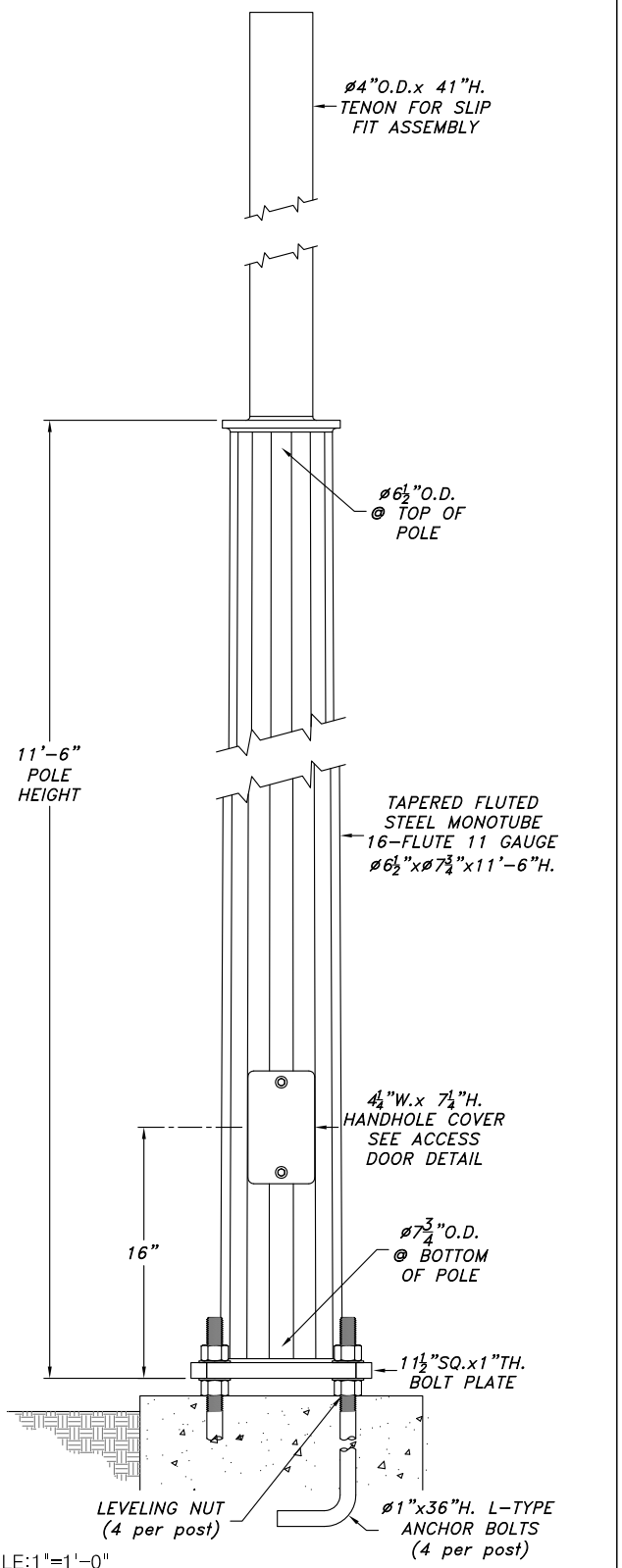
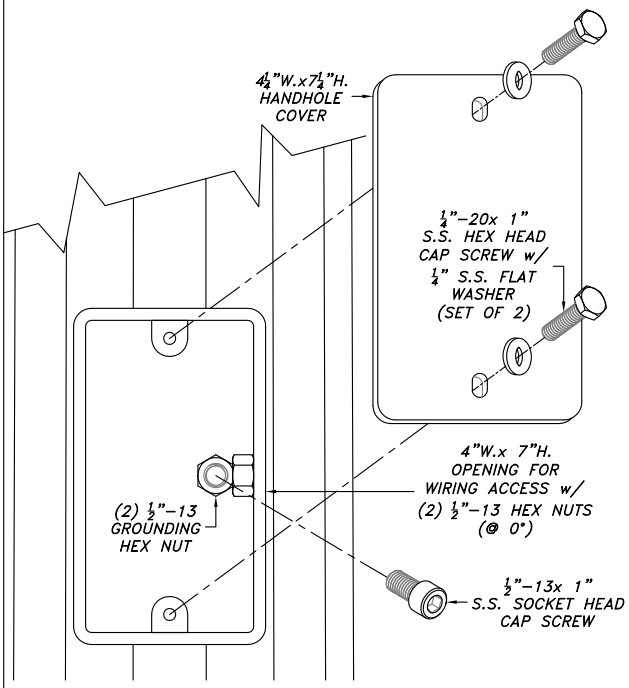


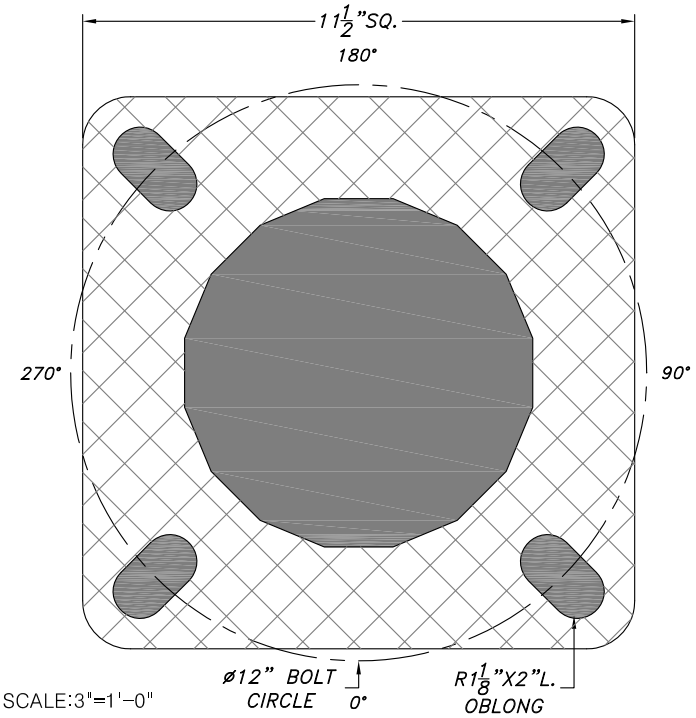
SCALE:1"=1'-0"

WIRING ACCESS DOOR DETAIL



SCALE:3"=1'-0"

ANCHOR BOLT PLATE DETAIL



SCALE:3"=1'-0"

COLOR OF POWDER COAT FINISH

- ❑ (BLK) BLACK
- ❑ (BRZ) BRONZE
- ❑ (GRN) GREEN
- ❑ (HG) HAND BRUSHED GREEN
- ❑ (HR) HAND BRUSHED GRAY
- ❑ CUSTOM _____

Steel Series-11.5" Bolt Plate-Tapered Fluted Steel Pole-11'-6" Height

SS-11.5-TSS-11.5

Catalog Name: EPP-18-TFS-18-EPP-2-PZ-2014-425-LID Date: 02.15.18

Revision History: N/A Revision #: 0

Niland Approval: Luis M.Gomez Customer Approval: _____ Page: 2 of 5

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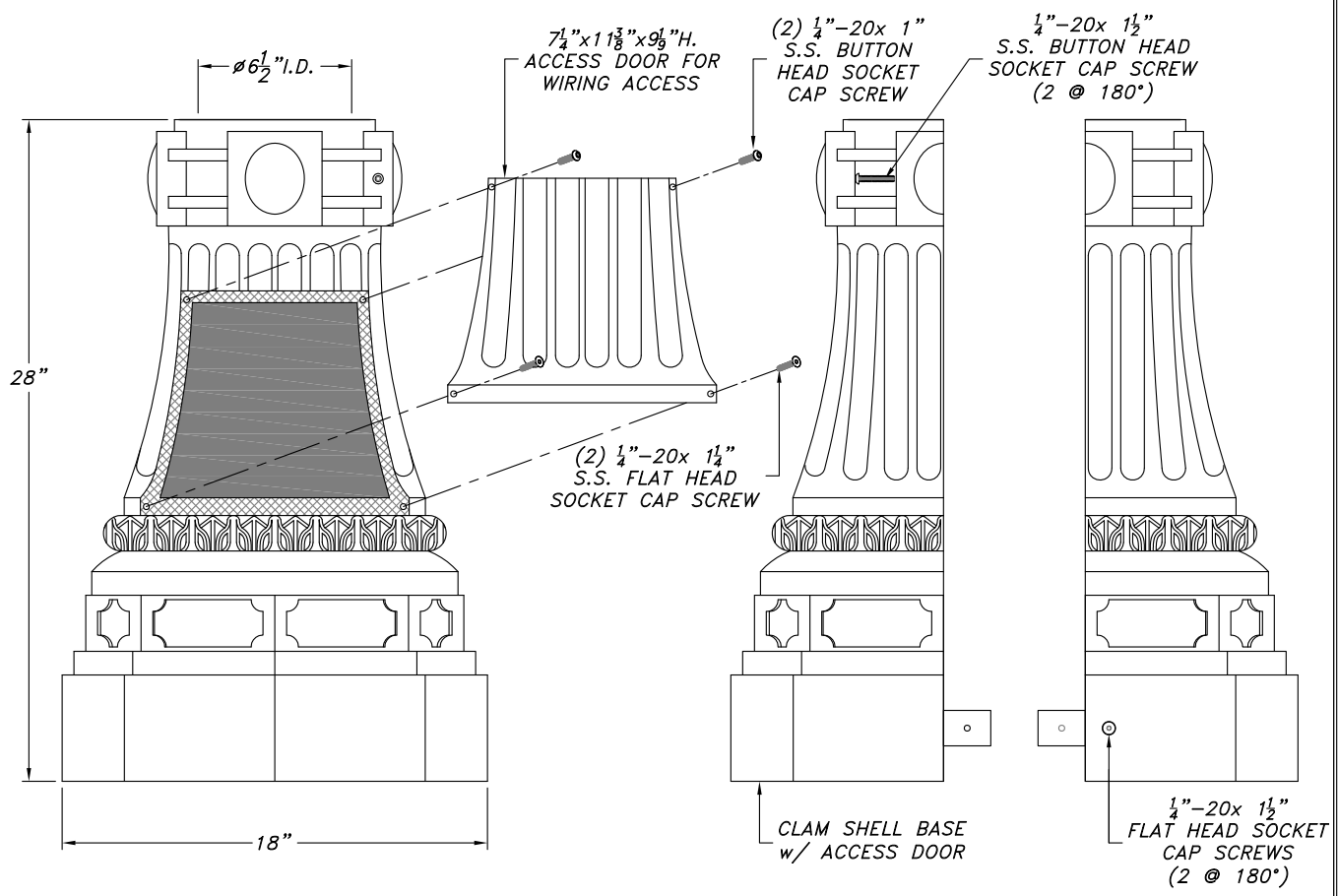
EL PASO PLAZA-18 SERIES

EPP-18-CS



SCALE:1 1/2"=1'-0"

EXAMPLE

EPP-18-CS-BLK

EPP-18-CS-_____
Series Size Color

COLOR OF POWDER COAT FINISH

- ❑ (BLK) BLACK
- ❑ (BRZ) BRONZE
- ❑ (GRN) GREEN
- ❑ (HG) HAND BRUSHED GREEN
- ❑ (HR) HAND BRUSHED GRAY
- ❑ CUSTOM _____

BASE SPECIFICATION

BASE

Base shall be cast aluminum. Aluminum shall be certified as pure 356 copper free of any porosity, foreign materials or cosmetic fillers. Base casting shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be .250". Cast aluminum access cover shall be secured with four stainless steel screws.

MOUNTING

Base shall be wrapped around steel pole and fastened with (4) Button Head Screws.

FINISH

Fixture finish shall consist of degreasing, phosphate acid etching with 140°+ deionized water, rinsed, oven dry off and top coated with a thermoset TGIC super polyester powder coat finish designed not to chalk or fade for many years. All Niland Company powders must pass a minimum 3000-hour salt spray test for corrosion resistance.

CERTIFICATION

The Fixture shall be UL-Listed for wet location use, and all HID listings.

WARRANTY

Fixture shall be warranted to be free of defects for five years. Ballast components shall carry the ballast manufacturers limited warranty of two years.

Catalog Name: EPP-18-TFS-18-EPP-2-PZ-2014-425-LID Date: 02.15.18

Revision History: N/A Revision #: 0

Niland Approval: Luis M.Gomez Customer Approval: _____ Page: 3 of 5

Niland Company

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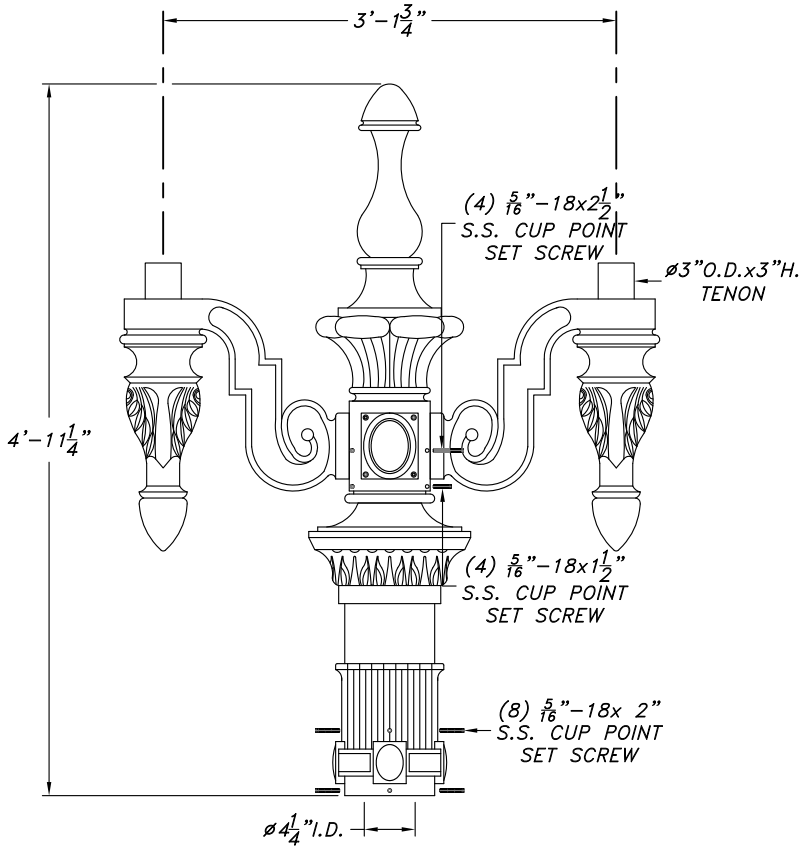
EL PASO PLAZA SERIES

EPP-2



SCALE:3/4"=1'-0"

EXAMPLE

EPP-2-BLK

EPP- 2 - _____
Series Arms Color

ARMS

- ❑ EPP-1
- ❑ EPP-3
- ❑ EPP-SC (SCONCE)
- ■ EPP-2
- ❑ EPP-4

COLOR OF POWDER COAT FINISH

- ❑ (BLK) BLACK
- ❑ (BRZ) BRONZE
- ❑ (GRN) GREEN
- ❑ (HG) HAND BRUSHED GREEN
- ❑ (HR) HAND BRUSHED GRAY
- ❑ CUSTOM _____

ARM SPECIFICATION

ARM
The arms shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Electrical wiring shall run through arm up and out through the ⌀3"O.D.x3"H tenon.

ELECTRICAL
All electrical components and materials shall be UL-recognized and wired by a certified UL technician. Arm shal be UL certified for wet locations.

MOUNTING
Fixture shall be mounted to ⌀3½"O.D.x6"H. tenon with S.S. Allen Head Set Screws (8 @ 90°)

FINISH
Fixture finish shall consist of degreasing, phosphate acid etching with 140°+ deionized water, rinsed, oven dry off and top coated with a thermoset TGIC super polyester powder coat finish designed not to chalk or fade for many years. All Niland Company powders must pass a minimum 3000-hour salt spray test for corrosion resistance.

CERTIFICATION
The Fixture shall be UL-Listed for wet location use, and all HID listings.

WARRANTY
Niland Company warrants to repair or replace, at our option, any equipment that fails due to defects in material or workmanship within one year from date of shipment. This warranty does not include failures as a result of improper installation, mishandling or misapplication. This guarantee is limited to repair or replacement only and does not include reimbursement for expense of installation, removal of equipment, transportation or any other expenses that may be incurred. Authorization must be obtained from Niland Company in El Paso, Texas before any material is returned.

Catalog Name: EPP-18-TFS-18-EPP-2-PZ-2014-425-LID Date: 02.15.18

Revision History: N/A Revision #: 0

Niland Approval: Luis M.Gomez Customer Approval: _____

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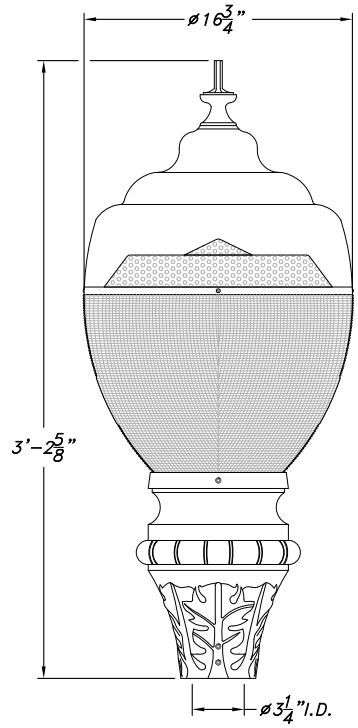
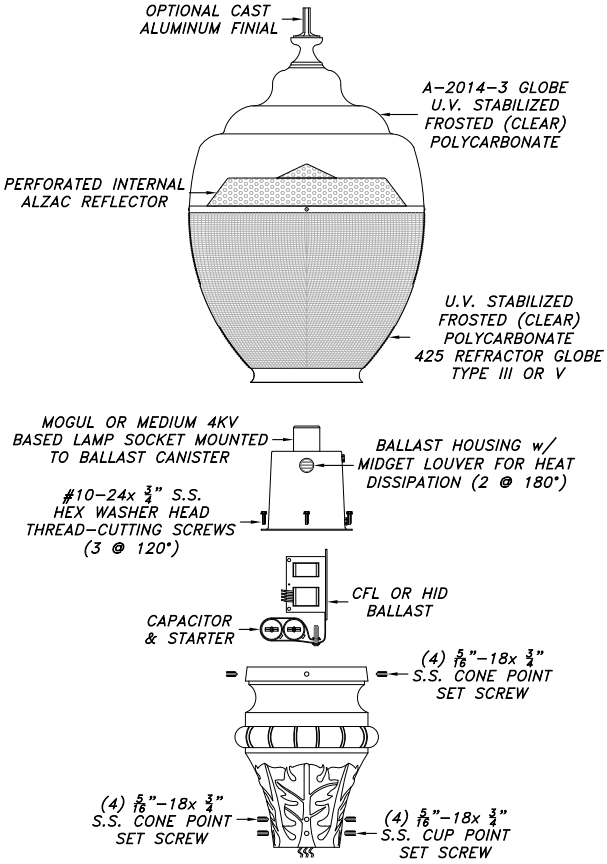
PLAZA SERIES
PZ-2014-425-LID

DARK SKY COMPLIANT



SCALE:1"=1'-0" E.P.A.=2.64 SQ.FT.



EXAMPLE

PZ-2014-425-LID-PSMH-150-208-V-BLK

PZ-2014-425-LID-_____-_____-_____-_____-_____-_____

Series | Globe | Ballast | Wattage | Voltage | Distribution | Color

LIGHT SOURCE	WATTAGE-SOCKET MEDIUM	WATTAGE-SOCKET MOGUL	VOLTAGE		LIGHT DISTRIBUTION
❑ INC	❑ 50w		❑ 120v	❑ MULTI TAP 120v 240v 208v 277v	❑ TYPE III
❑ CFL	❑ 70w		❑ 208v		
❑ HPS	❑ 100w	❑ 250w	❑ 240v		❑ TYPE V
❑ PSMH	❑ 150w		❑ 277v		
❑ LED	❑ 175w		❑ 480v	PLEASE SPECIFY VOLTAGE	

COLOR OF POWDER COAT FINISH	
❑ (BLK) BLACK	❑ (HG) HAND BRUSHED GREEN
❑ (BRZ) BRONZE	❑ (HR) HAND BRUSHED GRAY
❑ (GRN) GREEN	❑ CUSTOM _____

LUMINAIRE SPECIFICATION

HOUSING

The post top shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Electrical components are mounted in the ballast canister. The ballast canister shall be mounted in the post top with three stainless steel screws. A optional refractor will be a upgrade refractor globe designed for either a type III or type V light distribution pattern. Alum inum Dark Sky disk mounted on the interior of refractor globe.

ELECTRICAL

All electrical components and materials shall be UL-recognized and wired by a certified UL technician. All Niland ballasts are high power factor rated for -30°C/-20°F starting. Medium and Mogul base sockets are 4 KV rated. The electrical assembly is prewired with quick disconnects for servicing. Fixture shal be UL certified for wet locations.

MOUNTING

Fixture shall be mounted to ø3"O.D.x3'H. tenon with stainless steel allen head set screws (8 @ 90°)

RELAMPING

The globe is removed by loosening (4) S.S. Allen Head Screws on fitter.

FINISH

Fixture finish shall consist of degreasing, phosphate acid etching with 140°+ deionized water, rinsed, oven dry off and top coated with a thermoset TGIC super polyester powder coat finish designed not to chalk or fade for many years. All Niland Company powders must pass a minimum 3000-hour salt spray test for corrosion resistance.

CERTIFICATION

The Fixture shall be UL-Listed for wet location use, and all HID listings.

WARRANTY

Fixture shall be warranted to be free of defects for five years. Ballast components shall carry the ballast manufacturers limited warranty of two years.

PHOTOMETRICS

Complete photometric data for all fixtures is available in IES-formatted 3.5 disks. A certified independent laboratory performs all testing. Call the Niland Company directly for more information.

Catalog Name: EPP-18-TFS-18-EPP-2-PZ-2014-425-LID Date: 02.15.18

Revision History: N/A Revision #: 0

Niland Approval: Luis M.Gomez Customer Approval: _____ Page: 5 of 5

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