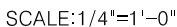


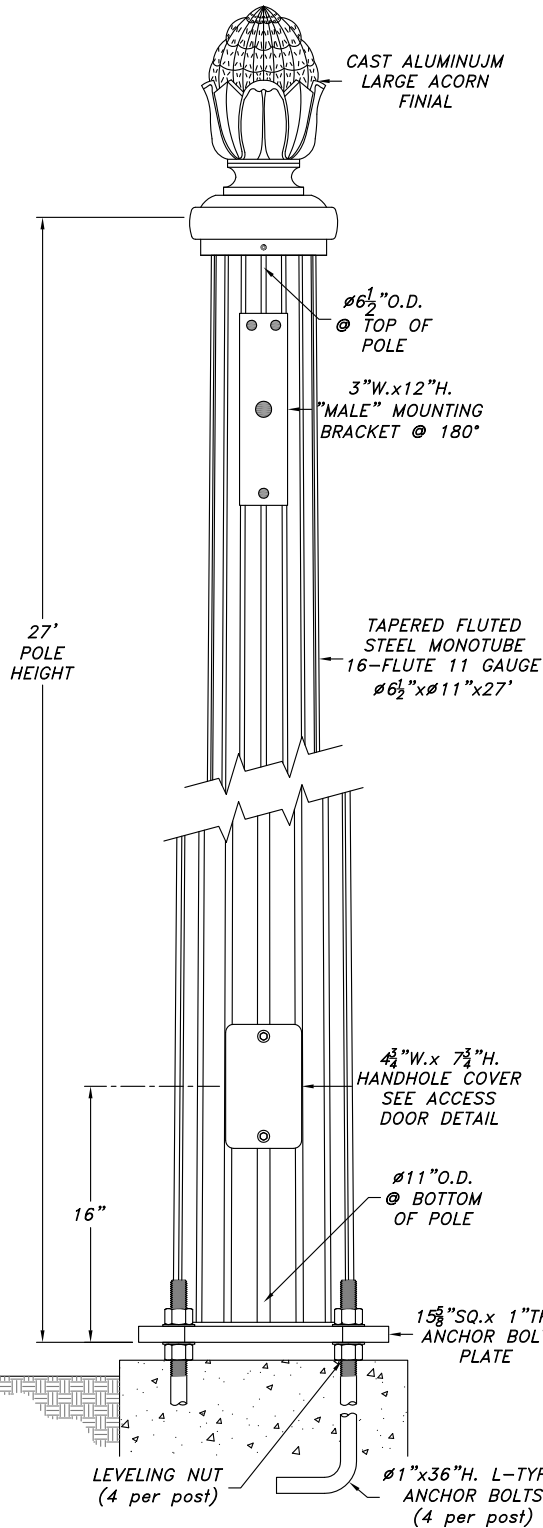
GRAND BEALLE STREET SERIES



GBS-18.5-TFS-27-BULL-1-BC-19-V-LEX

Revision History: N/A

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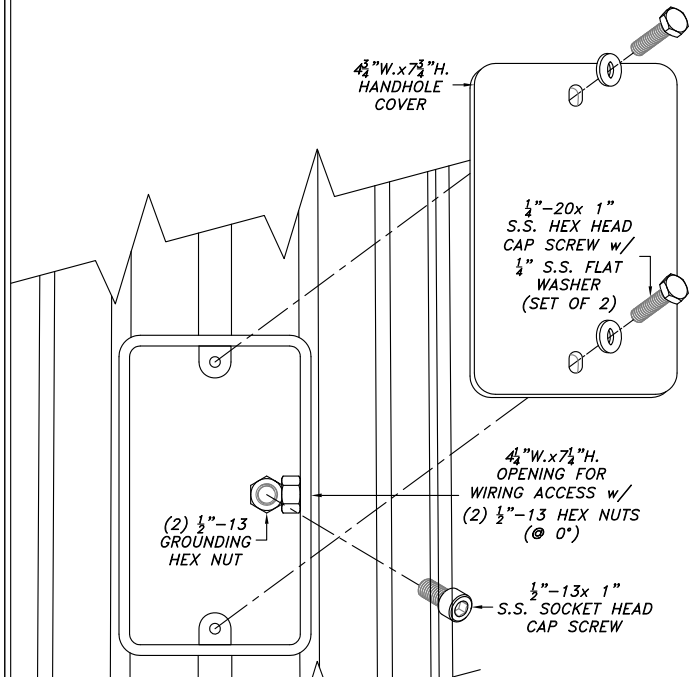
SCALE: 1"=1'-0"

Steel Series-15^{5/8} Bolt Plate-Tapered Fluted Steel Pole-27' Height
SS-15.625-TSS-27

Catalog Name: GBS-18.5-TFS-27-BULL-1-BC-19-V-LEX Date: 02.15.18
 Revision History: N/A Revision #: 0

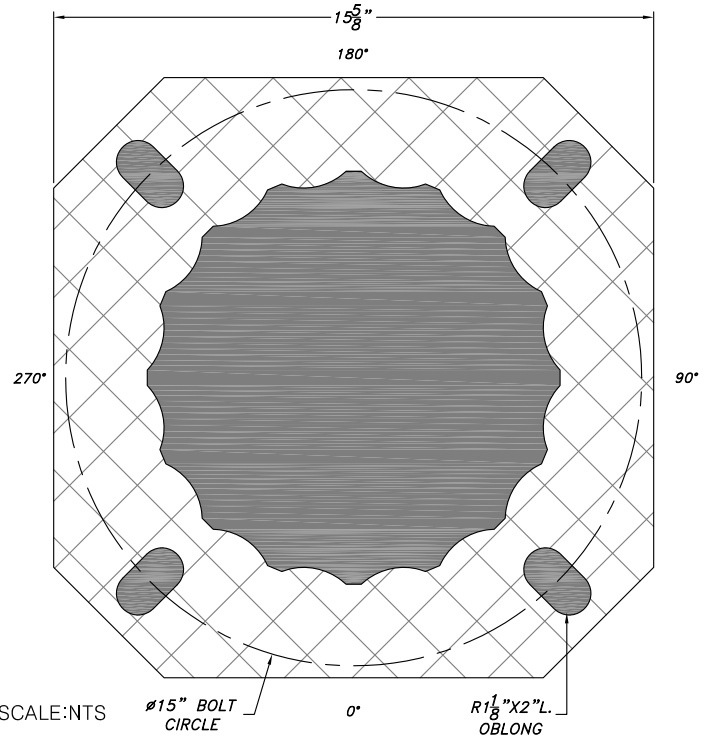
Niland Approval: Luis M. Gomez Customer Approval: Page: 2 of 5

WIRING ACCESS DOOR DETAIL



SCALE: NTS

ANCHOR BOLT PLATE DETAIL



SCALE: NTS

COLOR OF POWDER COAT FINISH

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> (BLK) BLACK | <input type="checkbox"/> (HG) HAND BRUSHED GREEN |
| <input type="checkbox"/> (BRZ) BRONZE | <input type="checkbox"/> (HR) HAND BRUSHED GRAY |
| <input type="checkbox"/> (GRN) GREEN | <input type="checkbox"/> CUSTOM _____ |

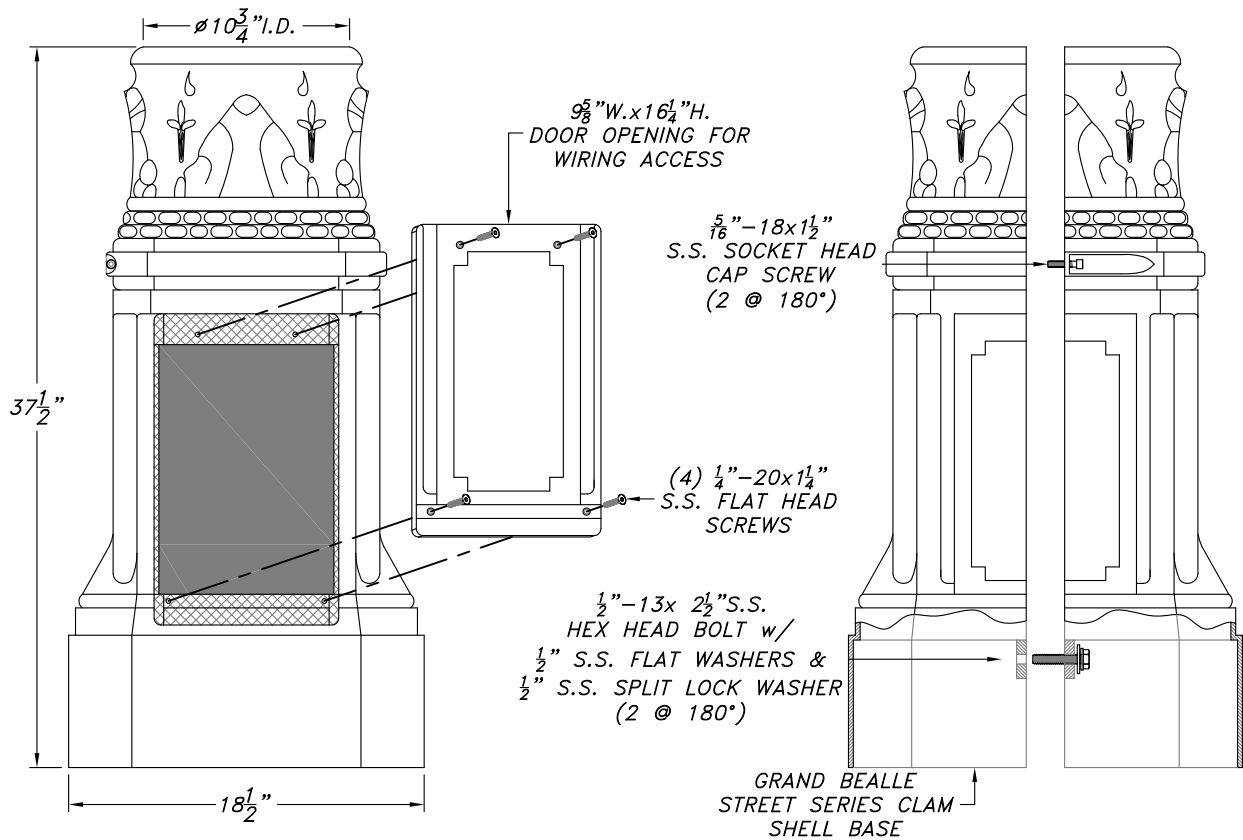


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GRAND BEALLE STREET SERIES

GBS-18.5-CS



SCALE: NTS

EXAMPLE
GBS-18.5-CS-BLK

GBS-18.5-CS-_____
Series Color

NECK OPENING

Ø10 3/4" I.D.

COLOR OF POWDER COAT FINISH

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> (BLK) BLACK | <input type="checkbox"/> (HG) HAND BRUSHED GREEN |
| <input type="checkbox"/> (BRZ) BRONZE | <input type="checkbox"/> (HR) HAND BRUSHED GRAY |
| <input type="checkbox"/> (GRN) GREEN | <input type="checkbox"/> 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 fastened together with (2) 5/16"-18 S.S. Socket Head Screws and (2) 1/2"-13 Hex Head Bolts w/ Flat Washers and Split Lock Washers.

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: GBS-18.5-TFS-27-BULL-1-BC-19-V-LEX Date: 02.15.18

Revision History: N/A Revision #: 0

Niland Approval: Luis M. Gomez Customer Approval: _____ Page: 3 of 6

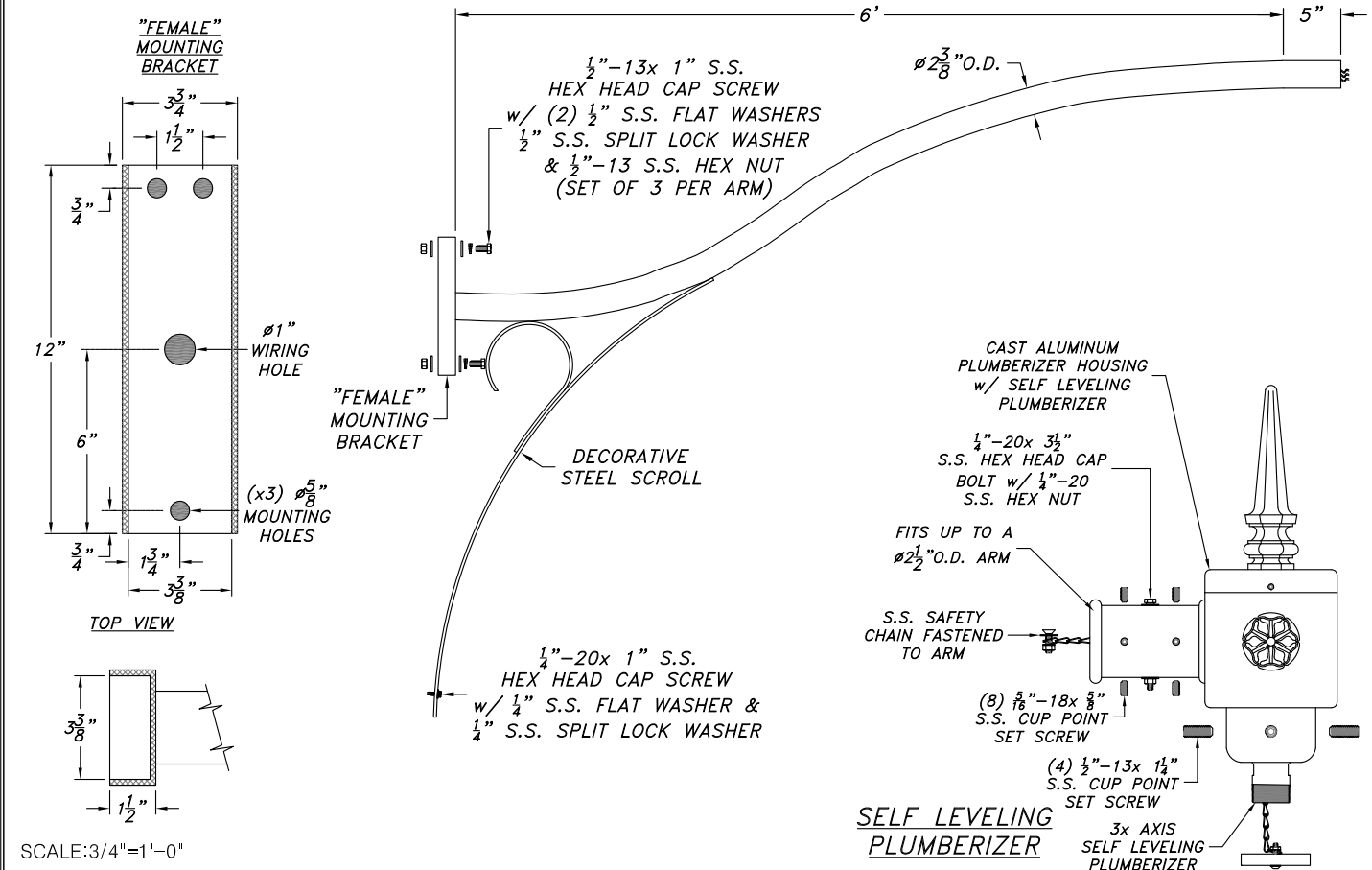


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BULL SERIES

BULL-1



EXAMPLE
BULL-1-BLK

BULL- - 1 -
Series Size Arms Color

ARM MOUNTING	ARM LENGTH	ARM PER POLE	COLOR OF POWDER COAT FINISH	
<div>  BRACKET (SIDE) </div> <div>  TENON (TOP) </div>	<div> <input type="checkbox"/> 4Ft – SMALL </div> <div> <input checked="" type="checkbox"/> 6FT </div> <div> <input type="checkbox"/> 8Ft – LARGE </div>	<div>  SINGLE </div> <div> <input type="checkbox"/> DOUBLE </div>	<div> <input type="checkbox"/> (BLK) BLACK </div> <div> <input type="checkbox"/> (BRZ) BRONZE </div> <div> <input type="checkbox"/> (GRN) GREEN </div>	<div> <input type="checkbox"/> (HG) HAND BRUSHED GREEN </div> <div> <input type="checkbox"/> (HR) HAND BRUSHED GRAY </div> <div> <input type="checkbox"/> CUSTOM _____ </div>

ARM SPECIFICATION

ARM

The arms shall be steel construction. Extrusion shall be 11 gauge ($\frac{1}{8}$ ") wall thickness with no warping or mold shifting. Electrical wiring shall run through arm up and out through the 3" opening.

ELECTRICAL

All electrical wiring is ran through center shaft and arm and shall be UL-recognized and wired by a certified UL technician. The electrical assembly is prewired with quick disconnects for servicing. Fixture shall be UL certified for wet locations.

MOUNTING

Arm shall be mounted to a 3"W.x 12"H.x2" arm bracket using (3) steel hex head set screws for fastening.

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: CBS-18.5-IFS-27-BULL-1-BC-19-V-LEX Date: 02.15.18
Revision History: N/A Revision #: 0

Niland Approval: Luis M.Gomez Customer Approval: Page: 3 of 4



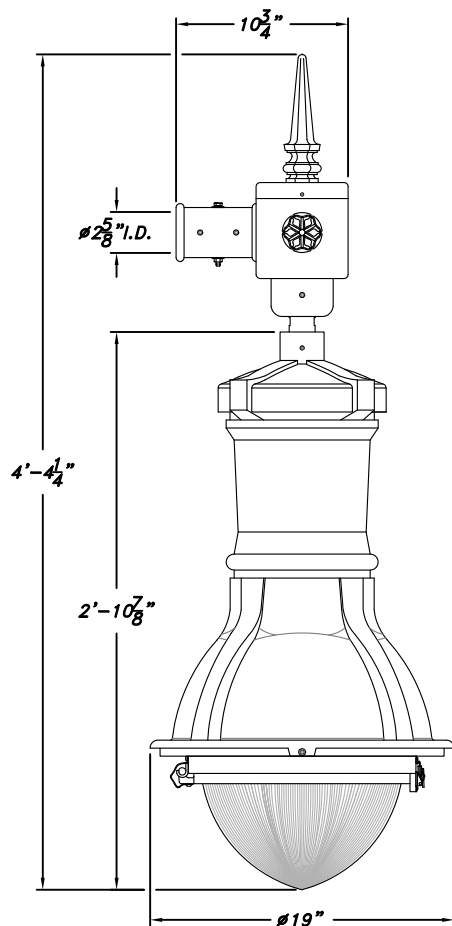
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FULL CUT OFF
DARK SKY COMPLIANT:
VERTICAL REFLECTOR WITH
TYPE III OR V DISTRIBUTION,
TEMPERED GLOBE

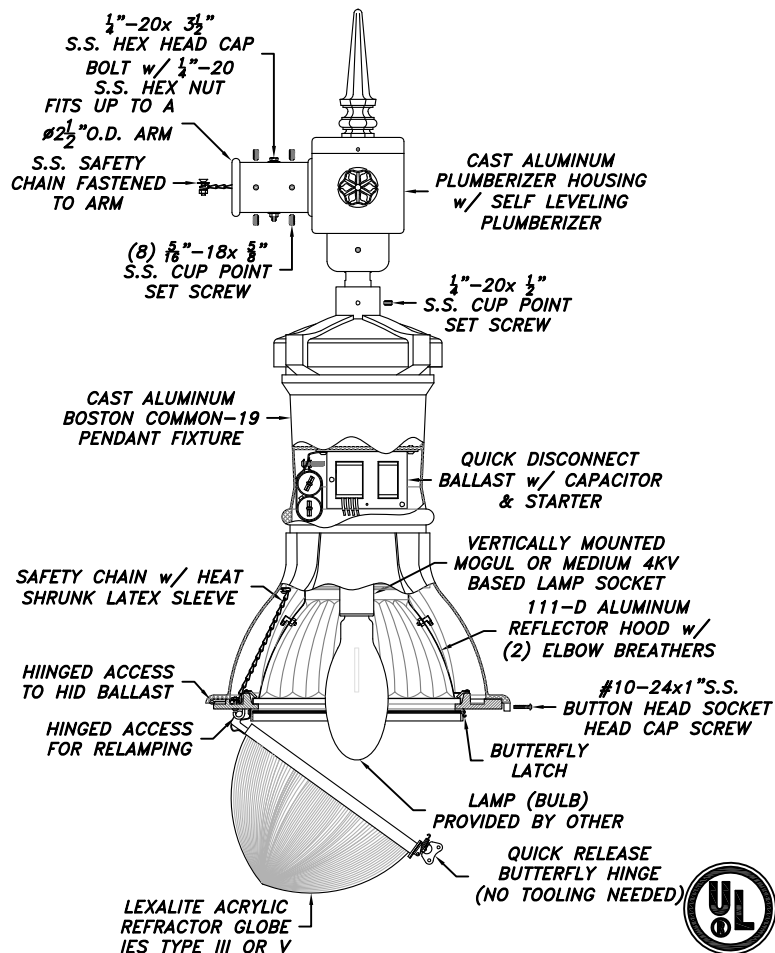
BOSTON COMMON SERIES

BC-19-V-LEX



SCALE: 1"=1'-0"

E.P.A.=2.9 SQ.FT.



EXAMPLE

BC-19-V-LEX-PSMH-150-208-III-BLK

BC-19-V-LEX- _____ - _____ - _____ - _____ - _____
Series Ballast Wattage Voltage Distribution Color

LIGHT SOURCE	WATTAGE-SOCKET MEDIUM MOGUL	VOLTAGE	LIGHT DISTRIBUTION	COLOR OF POWDER COAT FINISH	
<input type="checkbox"/> INC <input type="checkbox"/> CFL <input type="checkbox"/> HPS <input type="checkbox"/> PSMH <input type="checkbox"/> LED	<input type="checkbox"/> 50w <input type="checkbox"/> 70w <input type="checkbox"/> 100w <input type="checkbox"/> 150w <input type="checkbox"/> 175w <input type="checkbox"/> 250w	<input type="checkbox"/> 120v <input type="checkbox"/> 208v <input type="checkbox"/> 240v <input type="checkbox"/> 277v <input type="checkbox"/> 480v MULTITAP 120v 240v 208v 277v PLEASE SPECIFY VOLTAGE	<input type="checkbox"/> TYPE III <input type="checkbox"/> TYPE V	<input type="checkbox"/> (BLK) BLACK <input type="checkbox"/> (BRZ) BRONZE <input type="checkbox"/> (GRN) GREEN	<input type="checkbox"/> (HG) HAND BRUSHED GREEN <input type="checkbox"/> (HR) HAND BRUSHED GRAY <input type="checkbox"/> CUSTOM _____

LUMINAIRE SPECIFICATION

HOUSING

The pendant mount luminaire 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 onto the aluminum reflector with two stainless steel screws. 111-D reflector mounts lamp in a vertical position. A optional refractor globe shall be molded of acrylic with external refractors designed for a Type III or V light distribution pattern. The reflector shall be mounted in the luminaire with four S.S. Screws.

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 shall be UL certified for wet locations.

MOUNTING

Fixture shall be mounted to a Self Leveling Plumberizer. Plumberizer shall mount to arm with stainless steel set screws and thru bolt.

RELAMPING

To relamp, remove locking tool free butterfly latch hinge and lower the Mounting Ring to access reflector socket.

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: GBS-18.5-TFS-27-BULL-1-BC-19-V-LEX 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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