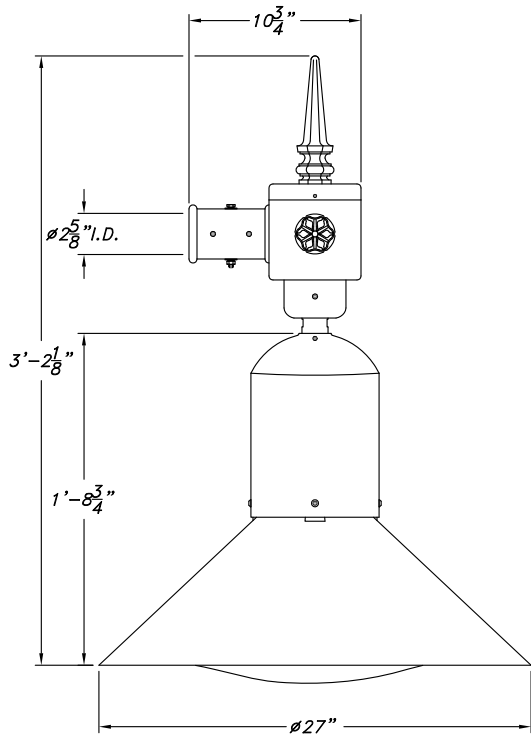


FULL CUT OFF
DARK SKY COMPLIANT:
HORIZONTAL REFLECTOR WITH
TYPE III DISTRIBUTION,
TEMPERED GLASS

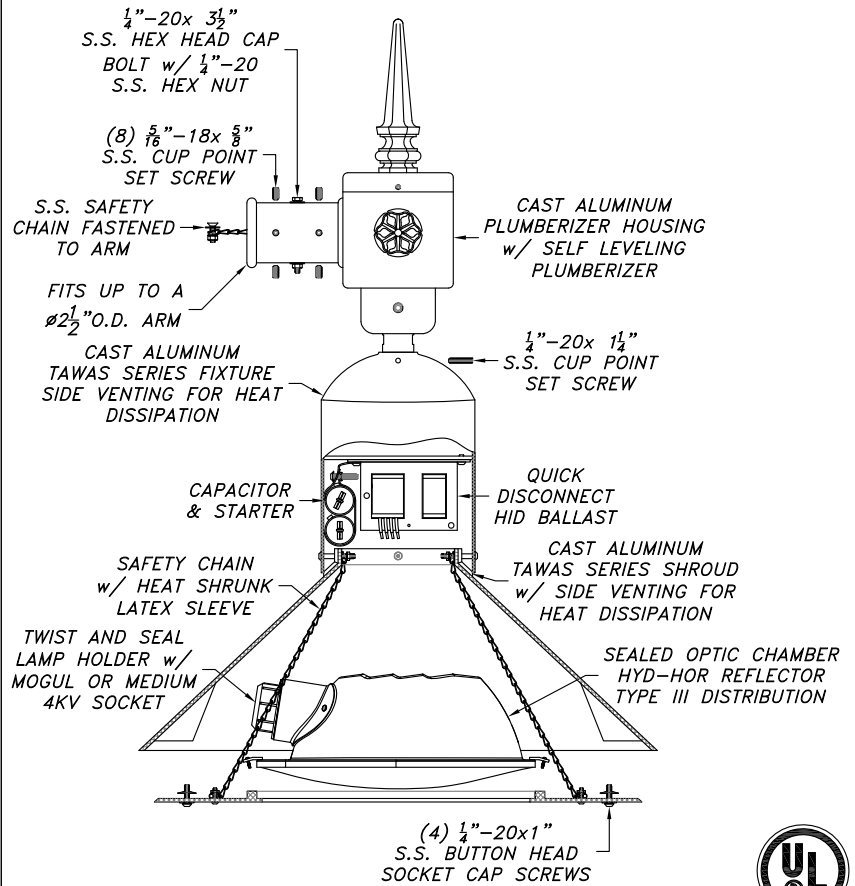
TAWAS SERIES

TW-27-HYD-HOR



SCALE: 1"=1'-0"

E.P.A.=2.3 SQ.FT.



EXAMPLE

TW-27-HYD-HOR-PSMH-150-208-III-BLK

TW-27-HYD-HOR- _____ - _____ - _____ - _____ - _____
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 <input type="checkbox"/> MULTITAP 120v 240v 208v 277v <small>PLEASE SPECIFY VOLTAGE</small>	<input type="checkbox"/> TYPE III	<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 in the pendant luminaire with two stainless steel screws. Hydro-formed horizontal reflector is designed for a Type III light distribution pattern. The reflector shall be mounted in the luminaire with three 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, loosen S.S. Button Head Screws and lower 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: TW-27-HYD-HOR Date: 02.15.18
Revision History: N/A Revision #: 0



Niland Company

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

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