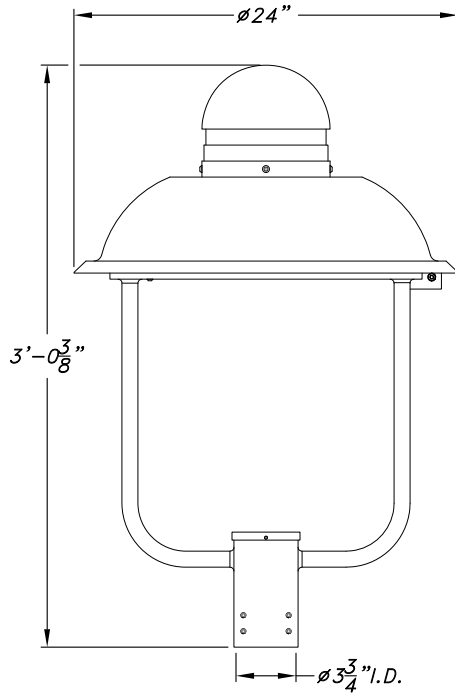


FULL CUT OFF
DARK SKY COMPLIANT:
TOP MOUNTED HORIZONTAL
REFLECTOR WITH TYPE III
DISTRIBUTION, TEMPERED GLASS
(NO EXTERNAL VERTICAL GLASS
SURFACES)

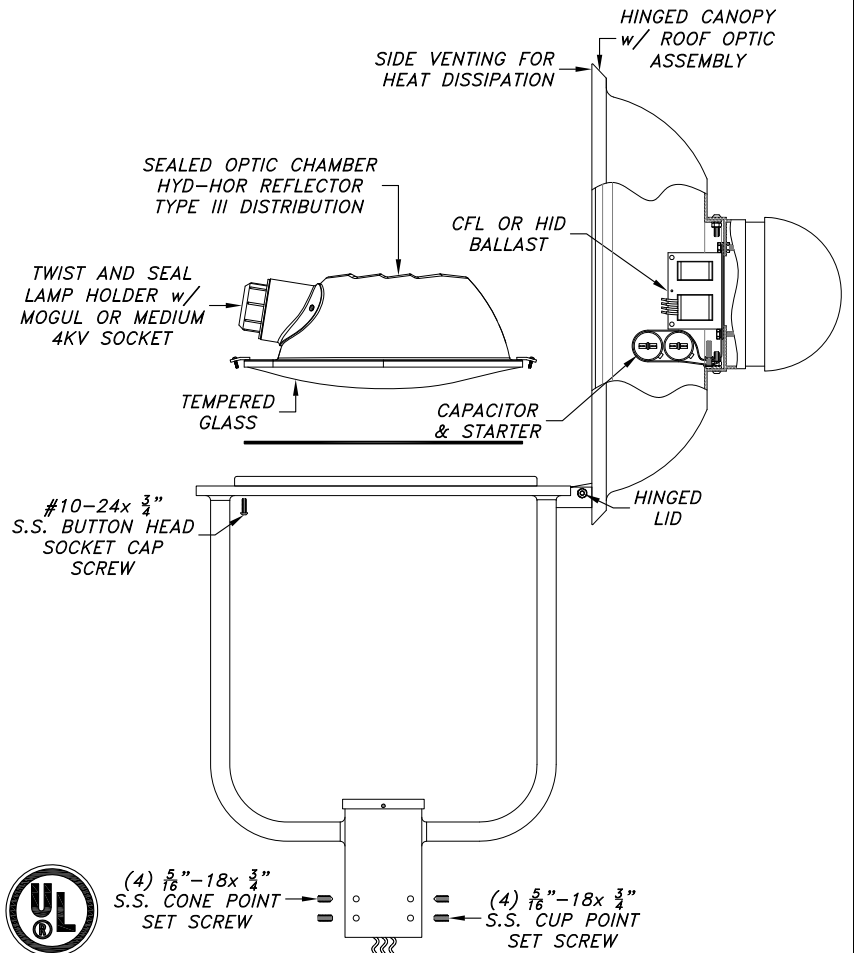
CASTNER SERIES

CS-HYD-HOR



SCALE: 1"=1'-0"

E.P.A.=1.68 SQ.FT.



EXAMPLE

CS-HYD-HOR-PSMH-150-208-III-BLK

CS-HYD-HOR-

Series

Ballast

Wattage

Voltage

Distribution

Color

LIGHT SOURCE	WATTAGE-SOCKET MEDIUM MOGUL	VOLTAGE	LIGHT DISTRIBUTION	COLOR OF POWDER COAT FINISH
☐ INC ☐ CFL ☐ HPS ☐ PSMH ☐ LED	☐ 50w ☐ 70w ☐ 100w ☐ 150w ☐ 175w ☐ 250w	☐ 120v ☐ 208v ☐ 240v ☐ 277v ☐ 480v MULTITAP 120v 240v 208v 277v PLEASE SPECIFY VOLTAGE	☐ TYPE III	☐ (BLK) BLACK ☐ (BRZ) BRONZE ☐ (GRN) GREEN ☐ (HG) HAND BRUSHED GREEN ☐ (HR) HAND BRUSHED GRAY ☐ 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. 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 3" O.D. x 3" H. tenon with stainless steel allen head set screws (8 @ 90°)

RELAMPING

To relamp, loosen S.S. Button Head Screw and lift lid to access Twist Lock 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: CS-HYD-HOR

Date: 02.15.18

Revision History: N/A

Revision #: 0

Niland Approval: Luis M. Gomez Customer Approval:

Page: 3 of 3



Niland Company

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