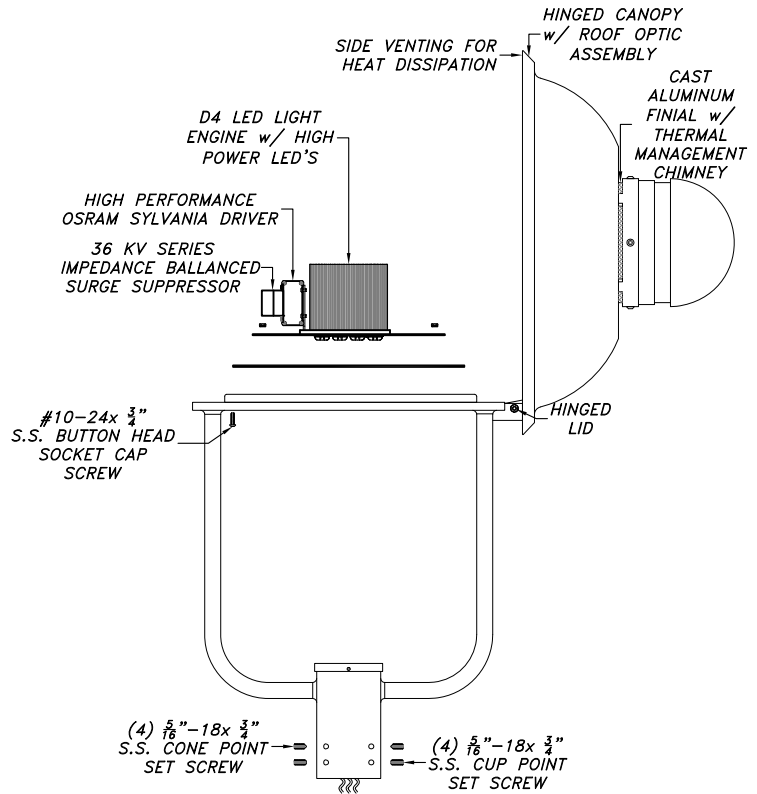
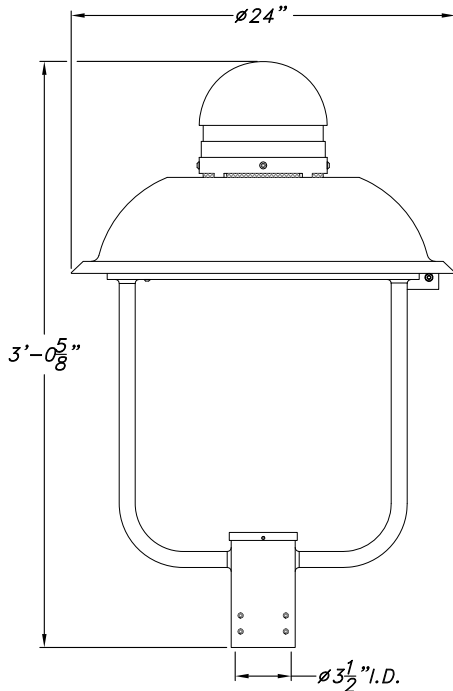


**CUT OFF TOP LANTERN:**  
DARK SKY FRIENDLY, TOP  
MOUNTED HORIZONTAL LED ASSEMBLY.  
(NO EXTERNAL VERTICAL GLASS SURFACE)

# CASTNER LED SERIES

## CS-LED-D4

IP 66 RATED  
LED CHAMBER



SCALE: 1"=1'-0"

E.P.A.=1.69 SQ.FT.

### EXAMPLE

CS-LED-5000-60-120/277-III-BLK

CS-LED-\_\_\_\_\_Kelvin\_\_\_\_\_Wattage\_\_\_\_\_Voltage\_\_\_\_\_Distribution\_\_\_\_\_Color\_\_\_\_\_

KELVIN	MODEL# = WATTAGE = LUMENS				VOLTAGE RANGE-AC	LIGHT DISTRIBUTION	COLOR OF POWDER COAT FINISH	
	#30=30W	#40=38W	#60=57W	#80=77w			(BLK) BLACK	(HG) HAND BRUSHED GREEN
<input type="checkbox"/> 2200	<input type="checkbox"/> 3372Lmns	<input type="checkbox"/> 4196Lmns	<input type="checkbox"/> 6387Lmns	<input type="checkbox"/> 8017Lmns	120/277v	<input type="checkbox"/> TYPE III  <input type="checkbox"/> TYPE V	<input type="checkbox"/> (BRZ) BRONZE	<input type="checkbox"/> (HR) HAND BRUSHED GRAY
<input type="checkbox"/> 3000	<input type="checkbox"/> 3853Lmns	<input type="checkbox"/> 4675Lmns	<input type="checkbox"/> 6464Lmns	<input type="checkbox"/> 8050Lmns			<input type="checkbox"/> (GRN) GREEN	<input type="checkbox"/> CUSTOM _____
<input type="checkbox"/> 4000	<input type="checkbox"/> 4095Lmns	<input type="checkbox"/> 4969Lmns	<input type="checkbox"/> 6870Lmns	<input type="checkbox"/> 8556Lmns				
<input type="checkbox"/> 5000	<input type="checkbox"/> 4095Lmns	<input type="checkbox"/> 4969Lmns	<input type="checkbox"/> 6870Lmns	<input type="checkbox"/> 8556Lmns				

## LUMINAIRE SPECIFICATION

### HOUSING

The fixture 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 one piece plug-in, LED assembly unit shall be mounted with three stainless steel screws. The core ports for ventilation located just beneath canopy and fixture finial increase thermal management and over all LED longevity.

### LED POWER SUPPLY

All electrical components and materials shall be UL-recognized and wired by a certified UL technician. The electrical assembly is prewired with quick disconnects for servicing. Electrical components rated for 1 amp but only draws 300 milliamps which adds to the units longevity. Input voltage 120-277v with 36kV surge suppression. All components are IP66 rated with a 1.0 PF rating. Service life up to 100,000 hours life at -40°C to +40°C Ambient, Operating Temperature, <20% Total Harmonic Distortion

### LED CIRCUIT BOARD

LED's are available in 2200, 3000, 4000 & 5000 Kelvin with a Type III or Type V light distribution. Instant On/Off soft start, PF rating of 95% Solid State panel.

### MOUNTING

Fixture shall be mounted to 3/8" O.D. x 3/4" H. tenon with stainless steel allen head set screws (8 @ 90°)

### CERTIFICATION

The fixture shall be UL Certified for wet location use. LED unit is DLC Listed with IP66 Components. Designed to UL 1598 & UL 1449 3rd Edition. UL Driver is installed. Complies with IEEE C62.41 and FCC Part 15 Class A.

### FINISH-AAMA-2604-5

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.

### WARRANTY

Quick 60+ month warranty on LED module and electronic driver. Please contact manufacturer for more details.

### PHOTOMETRICS

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

**NILAND/LED**   
Leading The Way For Solid State Street Lighting

**OSRAM SYLVANIA**

QUICK 60+  
Warranty On Parts

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320 N. Clark El Paso, Tx 79905 • PH: 800-648-9013 • FAX: 888-779-3065 • WEB PAGE: HTTP://www.nilandco.com

Catalog Name: CS-LED-D4 Date: 03.22.19

Revision History: N/A Revision # 0

Niland Approval: Luis M. Gomez Customer Approval: \_\_\_\_\_ Page: 3 of 3