

CAMPO 450

Pole Mounted Luminaire

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DESCRIPTION

CAMPO's cast aluminum sail with heavy cast ribs and finned lower housing combine to form a distinctive high-tech indirect lighting system. Optical system of highly specular aluminum collects and redirects light output onto special sail reflector of precision diffuse ribbed material designed to soften and spread illumination. Sail is adjustable via precision-machined aluminum knobs to 15° / 30° / 45° and 60°. Round tapered steel pole with flush handhole is hot-dip galvanized prior to being finished in finely textured paint. Optional twin mount galvanized steel bracket is available for both models. All hardware is stainless steel.



PROTECTED BY
PRIMAR®

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____



ORDERING INFORMATION

LUMINAIRE AND POLE											
MODEL	OUTPUT	CCT	CONTROL	VOLTAGE	CONFIGURATION	HEIGHT	POLE MATERIAL	BASE COVER	INSTALLATION	FINISH	OPTION
CA450 Campo 450	SO Standard Output	30K 3000K	DIM 0-10v Dimming	UNV 120-277V	S Single Luminaire	11 11' Round Tapered Pole	S Steel	BC Base Cover	MK Mounting Kit (Anchor Bolts and Template)	BL Black	TVSS20 20KV Surge Suppressor
	HO High Output	40K 4000K			D Twin Luminaires (Steel Poles Only)	13 13' Round Tapered Pole	A Aluminum			DB Dark Bronze	GFCI- GFCI Receptacle: Specify Using Ordering Information Below.
						XX Custom Height; Specify in Feet				DG Dark Grey	
										GG Graphite Grey	
										SG Silver Grey	
										CC Custom RAL Color	

Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

GFCI - ADD GFCI CATALOG NUMBER TO "OPTION" PORTION OF LUMINAIRE CATALOG NUMBER.		
RECEPTACLE/BOX	RECEPTACLE TYPE	MOUNTING
RB GFCI Receptacle Box	1 GFCI (2 GFCI Outlets)	A Semi-Recessed
	2 GFCI + USB-C (2 GFCI Outlets + 2 USB-C Charging Ports)	B Surface Mount
	3 GFCI + USB-A + USB-C (2 GFCI Outlets + 1 USB-A + 1 USB-C Charging Ports)	

SPECIFICATIONS

HOUSING

Luminaire housing with integral ballast assembly is cast from high-grade aluminum alloy with heavy cooling fins to enhance heat dissipation. Door frame is one-piece cast aluminum and hinged for easy maintenance. Machined tempered glass lens is mechanically retained and bonded to the door frame forming a flush fit to the exterior surface. Door assembly is sealed with closed cell silicone gasketing and secured by two captive socket head cap screws. Reflector sail with integral ribbing is cast aluminum and supported by two cast aluminum stanchions. Stanchion mounting holes in the housing are machined and fitted with stainless steel helical thread inserts. Cast aluminum slip fitter bolts to housing with four socket head bolts. Slip fitter mounts to 3" O.D. pole and has built-in stop to limit insertion depth to 4.7". Two offset rows of three recessed setscrews secure and level luminaire to the pole. All hardware is stainless steel.

OPTICS

Single COB LED is positioned within specular anodized aluminum reflector, laser cut for precise reproduction. Sail reflector material is profiled matte anodized aluminum and is mechanically retained and bonded to the adjustable sail. Sail is field adjustable to 0°, 15°, 30°, 45°, or 60° above horizontal and fixed in place with stainless steel locking screws. Precision-machined anodized aluminum adjustment knobs securely lock the sail in place.

ELECTRICAL

Universal driver accepts input voltage range from 120v to 277v at 50/60Hz. Power consumption is 28 watts for standard output or 42 watts for high output model. Power factor is greater than 0.95.

DELIVERED LUMENS / SYSTEM WATTS / BUG RATING

Standard Output: 28 Watts

3000K: 1326 lumens / B0-U3-G2

4000K: 1644 lumens / B0-U3-G2

High Output: 42 Watts

3000K: 2040 lumens / B0-U3-G2

4000K: 2530 lumens / B0-U3-G3

NOTE: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for current technical data.

LUMINAIRE WEIGHT

56 Pounds

LUMINAIRE EPA

3.9 Square Feet

INGRESS PROTECTION

IP54

POLE

Steel:

Round tapered steel pole is manufactured from cold drawn over mandrel, electric-weld, mechanical round steel tubing with nominal wall thickness of 0.142". Flush mounted hand hole cover is plasma cut with kerf not to exceed 1/8" and includes triangular tamper-resistant locking device. Pole is hot-dip galvanized with coating inside and out, then lightly sanded prior to painting. Two-piece base cover is 0.080" spun aluminum and finished to match the pole. Nominal pole height is 13'. Twin mount bracket assembly is fabricated from steel, then hot-dip galvanized. Slip fitter has internal stop to limit insertion depth to 5.9". Assembly slip fits 3" O.D. pole and is secured with two rows of three 10mm stainless steel setscrews.

Aluminum:

Round tapered aluminum pole for single mount configurations only is spun tapered from 6061 aluminum alloy tubing and heat treated to produce a T6 temper after final welding. Shaft diameter tapers from 4.5" OD at the base to 3" OD at the pole top. Nominal wall thickness is 0.188" with an overall nominal pole height of 13'. Flush mounted hand hole cover is plasma cut with kerf not to exceed 1/8" and includes triangular tamper-resistant locking device. Two-piece base cover is 0.080" spun aluminum and finished to match the pole.

FINISH

Housing and pole are cleaned ultrasonically prior to painting.

Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special RAL colors available on request. Hess standard textured finishes feature proprietary PRIMAR® protective coating for long-term corrosion and UV protection.

CERTIFICATION

CSA Certified for Wet Locations

WARRANTY

Limited product warranty period including the LEDs is five years. LED driver shall carry the respective manufacturer's limited warranty.

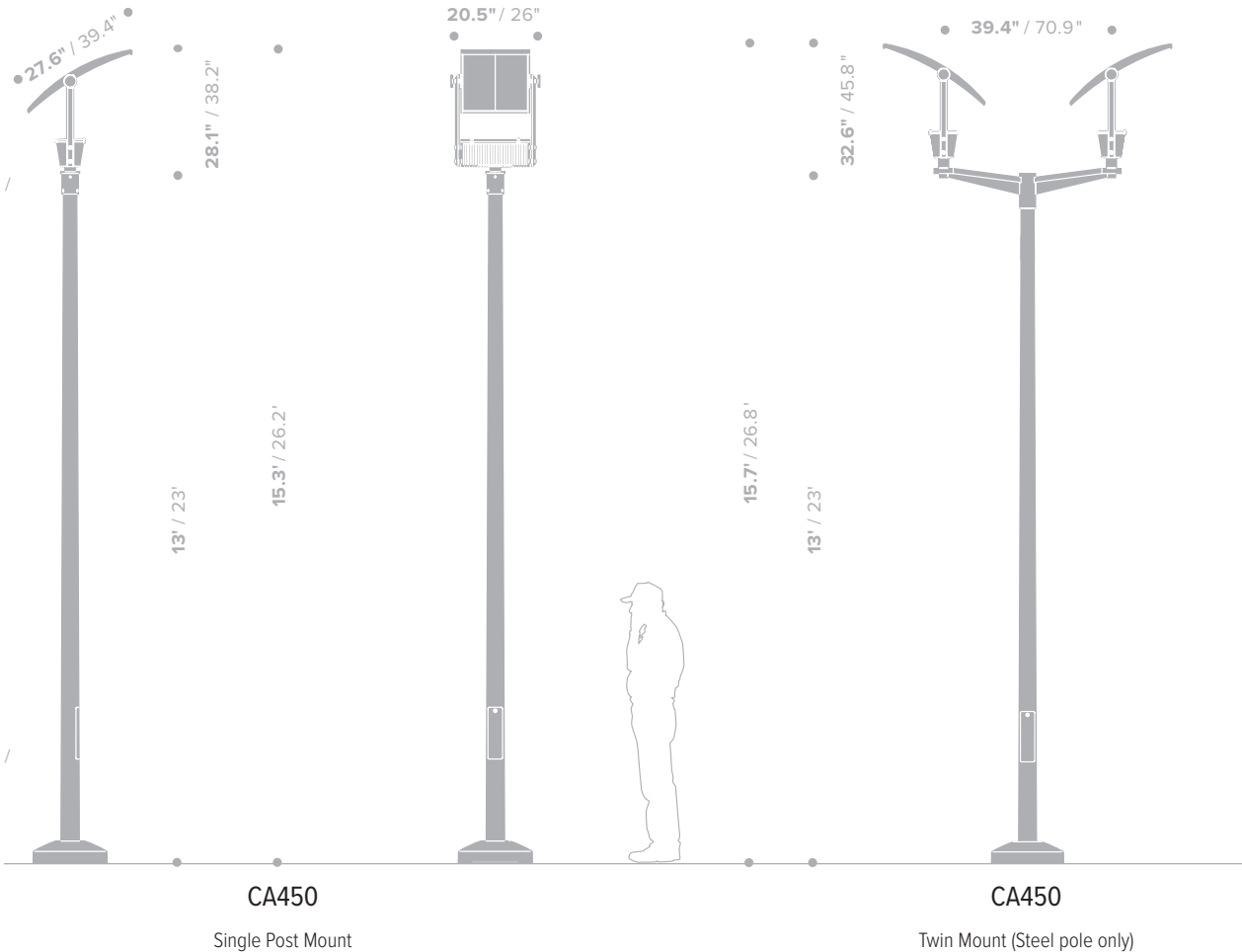
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DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.

