

CENTO 360

Illuminating Bollard

.hess

DESCRIPTION

A simple beacon with three windows for 360° illumination is the basis of CENTO's styling. Translucent acrylic lens creates soft diffused illumination. Housing is precision machined from heavy wall extruded aluminum. Housing and extruded aluminum shaft are finished in finely textured paint. Luminaire is available in three heights. All hardware is stainless steel.

PROTECTED BY
PRIMAR®



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE (Luminaire- mounting kit ordered separately)					
MODEL	OUTPUT	CCT	CONTROL	VOLT	FINISH
CN900-360 35.4"	SO Standard Output	30K 3000K	DIM 0-10v Dimming	UNV 120-277v	BL Black
CN900HS-360 35.4"	HO High Output	40K 4000K			DB Dark Bronze
CN500-360 19.7"					DG Dark Grey
CN280-360 11"					GG Graphite Grey
					SG Silver Grey
					CC Custom RAL Color

MODEL (Mounting Kit, Ordered Separately)
CN900-500-MK Mounting kit with 3x 0.5" x 15" x 3" anchor bolts and hot-dip galvanized steel mounting plate
CN900HS-MK High security mounting kit with 47" hot-dip galvanized steel pipe and internal flange for installation of Cento 900 bollard
CN280-MK Mounting kit with 3x 0.375" x 8" x 1.5" anchor bolts and paper template

SPECIFICATIONS

HOUSING

Luminaire consists of cylindrical housing, base, and top cap precision machined from 6060 aluminum. Cylindrical housing with three lens apertures for 360° illumination is machined from tubing with nominal wall thickness of 0.60" and mounts over the precision-machined luminaire base with three concealed socket head cap screws. Cylindrical matte acrylic lens mounts to the base inside the housing. Luminaire top cap mounts to the cylindrical housing with three captive socket head caps screws and provides access to luminaire for relamping. Luminaire base and top cap are grooved to accept one-piece silicone gasket to provide weather-tight seal to the lens. Luminaire mounts to 0.197" thick wall extruded aluminum shaft with three concealed socket head cap screws. All hardware is stainless steel.

OPTICS

LED light engine with electrical disconnect is top mounted to the machined aluminum top cap, which acts as a heat sink for thermal management. LED is positioned within the matte acrylic cylindrical lens providing 360-degree distribution through the housing apertures.

ELECTRICAL

Input voltage to universal LED driver is 120v through 277v AC, 50/60 Hz. Drive current to LEDs is 350 mA for standard output and 450 mA for high output models.

DELIVERED LUMENS / SYSTEM WATTS / BUG RATING

Standard Output: 18 watts

3000K: 469 lumens / B0-U3-G1

4000K: 505 lumens / B0-U3-G1

High Output: 28 watts

3000K: 667 lumens / B0-U3-G1

4000K: 830 lumens / B1-U3-G1

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.

MOUNTING

Cento 900-360 and 500-360 mount to anchor base plate assembly with three M10 x 20mm stainless steel socket head cap screws and washers. Anchor base assembly consists of three 1/2" x 15" x 3" hot-dip galvanized anchor rods secured to a mounting plate and embedded as an assembly in concrete foundation (by others). Cento 900HS-360 mounts to a high security mounting base with 47" hot-dip galvanized steel pipe and internal flange. Cento 280-360 mounts to anchor base plate assembly with three M10 x 20mm stainless steel socket head cap screws and washers. Anchor base assembly consists of three 0.375" x 8" x 1.5" hot-dip galvanized anchor rods secured to a mounting plate and embedded as an assembly in concrete foundation (by others).

FINISH

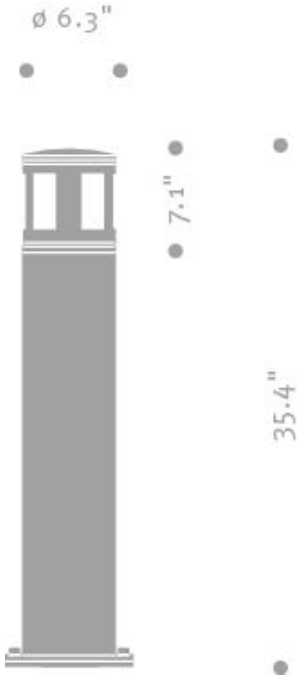
Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special colors available on request.

WARRANTY

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

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.

