

CITY ELEMENTS 230 AR600

Illuminating Column

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DESCRIPTION

CITY ELEMENTS 230 offers design professionals the flexibility of a multi-purpose lighting system in a single architectural structure. The modularity of the light column system allows each column to be customized for area lighting, accenting, waymarking, or pathway illumination or a combination of several different functions. Modules are factory set as needed and accent optics are adjustable internally for highlighting and aiming. Heights range from low level bollards to columns up to thirty feet tall. Base elements are available in flanged or flangeless models. Optional modules are also available to accommodate security cameras or convenience outlets with in-use covers for remote power. Luminaire housings and extruded aluminum shaft with flush hand hole are finished in finely textured paint. All hardware is stainless steel. Consult on-line Configurator at www.hessamerica.com for detailed technical specifications and information on CE180 for smaller diameter columns. CSA Certified for Wet Locations.



PROTECTED BY

PRIMAR[®]

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE						
MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	FINISH	OPTION
CE230/AR600	1LVC- 1 LEVO C Module	30K- 3000K	UNV- 120-277v	T2- Type II	SG - Silver Grey	3PR- 3-pin NEMA Photocontrol Receptacle
		40K- 4000K		T3- Type III	DG - Dark Grey	5PR- 5-pin NEMA Photocontrol Receptacle
				T4- Type IV	GG - Graphite Grey	DIM- 0-10v Dimming
				T5- Type V	MB - Matte Black	GFCI- GFCI Receptacle
					DB - Dark Bronze	HSS- House side Shield
				CC - Custom RAL Color	TVSS20- 20KV Surge Suppressor	

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SPECIFICATIONS

Top element luminaire with 360° lens for integration into the City Elements 230 modular light column system.

HOUSING

Luminaire housing is machined and fabricated from 6061 aluminum tubing with nominal diameter of 9.1" and thickness of 0.315". Clear acrylic lens is bonded to the housing for a weather-tight seal. Top housing assembly includes removable cap for access to optical assembly and heat sink. Gore-Tex filter prevents intrusion of moisture and particulate matter.

OPTICS

Optical assembly consists of one LEVO C LED module mounted within the cylindrical clear acrylic lens. The module consists of an aluminum core PCB with four high-power LEDs and a single piece lens molded from optical quality acrylic. Light distributions include a choice of Type II, III, IV, or V optics. LED circuit boards are equipped with electrical disconnects to allow for future technology upgrades. CRI is 80+.

LED DELIVERED LUMEN OUTPUT/ BUG RATING

Type II - 3000k: 3248 LMS / B1-U1-G1

Type III - 3000k: 3356 LMS / B1-U2-G1

Type IV - 3000k: 3261 LMS / B1-U1-G1

Type V - 3000k: 3542 LMS / B2-U1-G1

Type II - 4000k: 3456 LMS / B1-U1-G1

Type III - 4000k: 3571 LMS / B1-U2-G1

Type IV - 4000k: 3469 LMS / B1-U1-G1

Type V - 4000k: 3768 LMS / B2-U1-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.

ELECTRICAL

Electronic LED driver supplies 700mA drive current to the LED module with input voltage range from 120v through 277v at 50/60Hz. Power consumption is 37 watts. Optional 0-10v DC dimming is available on request.

MOUNTING

Top element is factory installed to the modular column assembly and ships as a complete column.

FINISH

Housing is cleaned ultrasonically prior to painting. Standard PRIMAR™ finish is finely textured matte silver grey metallic, dark grey, graphite grey, matte black or dark bronze. Special RAL colors available on request.

CERTIFICATION

CSA Certified for Wet Locations

WARRANTY

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

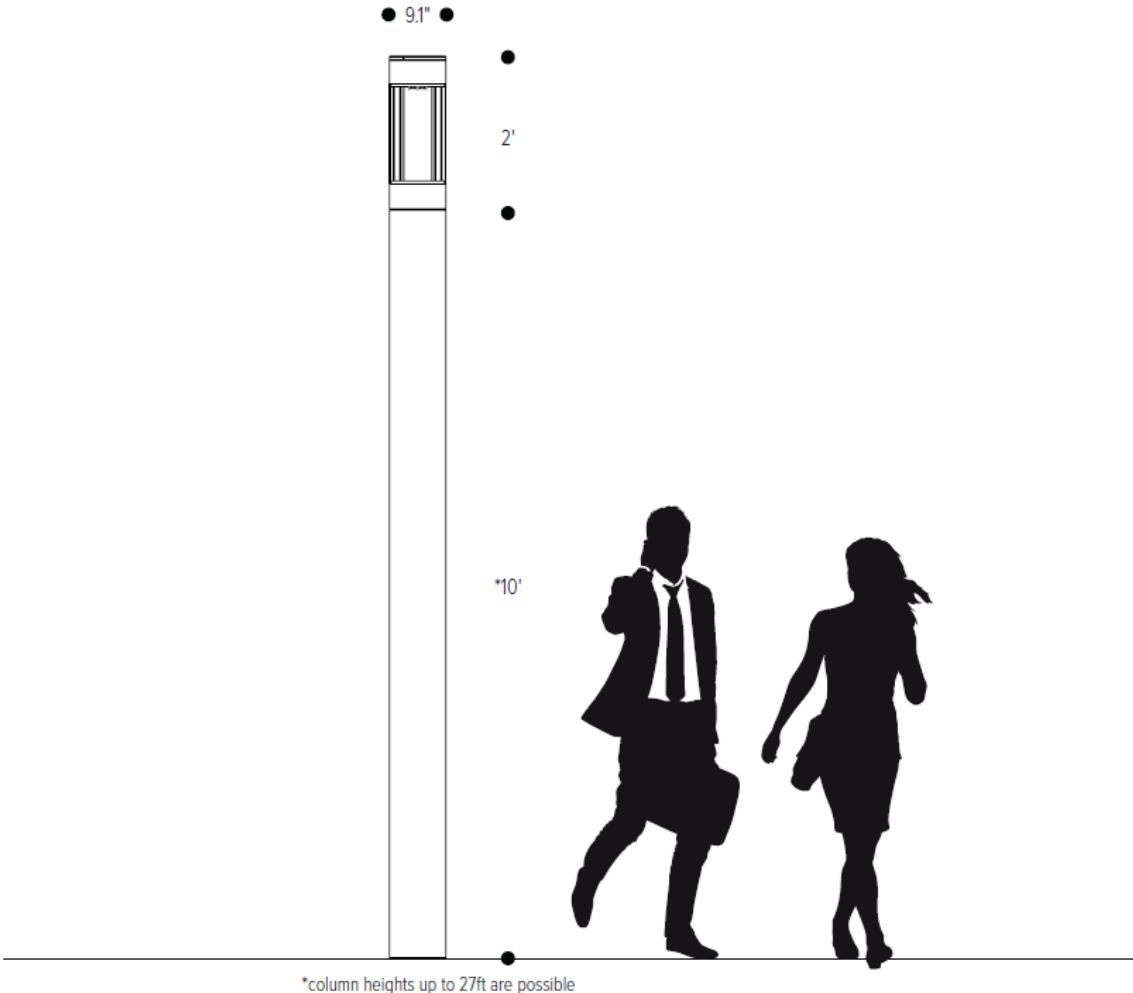
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DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



*column heights up to 27ft are possible