

CITY ELEMENTS 230 DAL650

Illuminating Column

.hess

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/DAL650	1LVC- 1 LEVO C Module	30K- 3000K	UNV- 120-277v	T2- Type II	SG - Silver Grey	DIM- 0-10v Dimming
		40K- 4000K		T3- Type III	DG - Dark Grey	HSS- House side Shield
				T4- Type IV	GG - Graphite Grey	
				T5- Type V	MB - Matte Black	
					DB - Dark Bronze	
					CC - Custom RAL Color	

SPECIFICATIONS

HOUSING

Luminaire housing, cover, and bracket are cast aluminum. Luminaire cover provides top access to electrical components and optics. Flat lens with decorative screen-printing is clear tempered glass and bonded to housing with silicone for a weather tight seal. Housing is fitted with stainless steel weather-tight strain relief bushing for power cable exiting rear of the luminaire. All hardware is stainless steel.

OPTICS

Optics include choice of two or three LED modules. Each module consists of a field replaceable aluminum core PCB with four high-power LEDs and a single piece lens molded from optical quality acrylic. Light distributions are available as a Type II, Type III, or Type IV. Luminaire emits zero uplight at 90 degrees horizontal and above and is suitable for use in all LEED lighting zones. Optional house side shield available on request.

LED DELIVERED LUMEN OUTPUT/ BUG RATING

2 Modules: 72 watts

Type II - 3000K: 6794 lumens / B1-U0-G1

Type III - 3000K: 6459 lumens / B2-U0-G1

Type IV - 3000K: 6078 lumens / B1-U0-G1

Type II - 4000K: 7377 lumens / B2-U0-G1

Type III - 4000K: 7013 lumens / B2-U0-G1

Type IV - 4000K: 6599 lumens / B1-U0-G2

3 Modules: 108 watts

Type II - 3000K: 10191 lumens / B2-U0-G1

Type III - 3000K: 9689 lumens / B2-U0-G2

Type IV - 3000K: 9117 lumens / B2-U0-G2

Type II - 4000K: 11065 lumens / B2-U0-G1

Type III - 4000K: 10520 lumens / B2-U0-G2

Type IV - 4000K: 9899 lumens / B2-U0-G2

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 LED modules with input voltage range from 120v through 277v at 50/60Hz. Optional 0-10v DC dimming is available on request.

POLE

Straight round pole is manufactured from cold drawn over mandrel, electric weld, mechanical 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 include triangular tamper-resistant locking device. Nominal pole heights are 15' or 20'.

FINISH

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

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LUMINAIRE WEIGHT

37 lbs

LUMINAIRE EPA

0.33 sq ft

INGRESS PROTECTION

IP65

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.

