

DESCRIPTION

The City Elements 230 AA600 element delivers a sleek illuminating top module for integration into the City Elements modular light column system. Its scaled down form factor comes about as a result of continually evolving technology that allows for the reduction in the housing size using fewer materials in its construction. The housing design incorporates shielding to minimize house-side light spill and is well suited for placement along perimeters or streets. The AA600 may be used in simple column configurations as a singular lighting element, or combined with other intermediate lighting and non-lighting modules such as security cameras or GFCI receptacles for complex column configurations that satisfy a number of objectives from a single structure. Modularity allows each column to be configured to the needs of specific locations within the overall site design while maintaining a cohesive and complementary appearance throughout. The clear optical quality cylindrical lens houses light engines with symmetric or asymmetric distributions in warm or neutral color temperatures for expanded versatility. The luminaire is finished in finely textured PRIMAR™ in a choice of matte silver grey metallic, dark grey, graphite grey, black, or bronze. Custom RAL finishes available on request. All hardware is stainless steel. CSA Certified for Wet Locations.



PROTECTED BY PRIMAR™

Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE					
MODEL	COLOR TEMPERATURE	DISTRIBUTION	VOLT	FINISH (PRIMAR™)	OPTIONS
CE230/AA600/1LVC - 1 LEVO C Module	WW 3000K	T2 Type II	UNV 120-277V	SG Silver Grey	DIM 0-10V DIMMING
	NW 4000K	T3 Type III		DG Dark Grey	
		T4 Type IV		GG Graphite Grey	
		BL Black			
	BRZ Bronze				
				CC (NON-PRIMAR) Custom RAL Color	

SPECIFICATIONS

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

HOUSING

Luminaire base and top housing are machined and fabricated from 6061 aluminum tubing with nominal diameter of 9.1" and thickness of 0.315". Clear acrylic cylindrical lens is bonded to base and top 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, or IV 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: 2926 lumens / B1-U1-G1	Type II - 4000k: 3112 lumens / B1-U1-G1
Type III - 3000k: 2818 lumens / B1-U2-G1	Type III - 4000k: 2998 lumens / B1-U1-G1
Type IV - 3000k: 2782 lumens / B0-U1-G1	Type IV - 4000k: 2960 lumens / B0-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, or graphite grey. 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.

MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.

