

# CITY ELEMENTS 180 AR800 LVC

## Illuminating Column

.hess

### DESCRIPTION

CITY ELEMENTS 180 offers professionals the flexibility of a multi-purpose lighting system in a single architectural structure. It may be configured with a single top element for area lighting and may include up to two additional lighting modules directly below for accenting or highlighting of facades, landscaping, or statuary. Column may be specified with heights up to twenty feet. A companion bollard is also available. Housing styles for the top element may be with 360° lens with a choice of symmetric or asymmetric optics or an asymmetric housing for house side shielding. Luminaire housing and extruded aluminum shaft with flush handhold are finished in finely textured paint. All hardware is stainless steel. Consult on-line Configurator at [www.hessamerica.com](http://www.hessamerica.com) for additional technical information. CSA Certified for Wet Locations.



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**PRIMAR®**

Date: \_\_\_\_\_ Type: \_\_\_\_\_ Catalog Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

### ORDERING INFORMATION

LUMINAIRE						
MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	FINISH	OPTION
CE180/AR800	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	GFCI- GFCI Receptacle
				T4- Type IV	GG - Graphite Grey	HSS- House side Shield
			T5- Type V	MB - Matte Black	TVSS20- Surge Suppressor	
				DB - Dark Bronze		
				CC - Custom RAL Color		

## SPECIFICATIONS

### DESCRIPTION

Top element luminaire with 360° lens for City Elements 180 modular light column system.

### HOUSING

Luminaire base and top housing are machined and fabricated from 6061 aluminum tubing with nominal diameter of 7.1" 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, IV, or V optics. LED circuit boards are equipped with electrical disconnects to allow for future technology upgrades. CRI is 80+.

### 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.

### DELIVERED LUMEN OUTPUT/BUG RATING

3000K

Type 2 = 3248 lumens / B1-U1-G1

Type 3 = 3356 lumens / B1-U2-G1

Type 4 = 3261 lumens / B1-U1-G1

Type 5 = 3542 lumens / B2-U1-G1

4000K

Type 2 = 3456 lumens / B1-U1-G1

Type 3 = 3571 lumens / B1-U2-G1

Type 4 = 3469 lumens / B1-U1-G1

Type 5 = 3768 lumens / 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.

### 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 finish is 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.

### CERTIFICATION

CSA Certified for Wet Locations

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## DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

