

CAT#: _____ Job: _____ Type: _____



Features

Built for superior LED performance packed with features

- Stylish vertically finned die-cast solid top housing for maximum heat dissipation; stops collection of unsightly debris
- Rugged lower die-cast aluminum heatsink accelerates thermal management and optimizes PCB and optical performance
- One-piece die-cut silicone gasket with mechanically compressed stainless steel bezel ensures weather proof seal around each individual LED for IP65 rating
- Back-light Control (BC) option available for 85% spill light reduction, doesn't change fixture appearance or EPA recommended for Type III and Type IV distributions
- Quick mounting plate for easy installation
- Choice of 54 high-brightness LED configurations with individual acrylic lenses designed for IES Type II, III, IV, and V distributions
- 3000K, 80 CRI; 4200K, 70 CRI; 5100K, 67 CRI
- Automated thermal self protection

Certifications/Listings



Ordering Information

SERIES	NO. OF LEDs	VOLTAGE	CCT	DRIVE CURRENT	OPTIONS
CL1S	16L 16 High Brightness LEDs	U ³ Universal 120V-277V	3K 3000K, 80 CRI	Leave Blank for 700mA (standard)	BC ⁵ Back-light Control
	32L 32 High Brightness LEDs	50/60 Hz	4K 4200K, 70 CRI		CD ^{2,7} Continuous Dimming
	48L 48 High Brightness LEDs	1 ¹ 120V	5K 5100K, 67 CRI		F(X) ^{3,4} Fusing (replace X with 1-120V, 2-280V, 3-240V, 4-277V, 5-480V, 6-347V)
		2 ¹ 208V			RPA3 3" Round pole adapter
		3 ¹ 240V			RPA4 4" Round pole adapter
		4 ¹ 277V			TB Terminal block
		5 480V, 60 Hz			WB Wall bracket
		F 347V, 60 Hz			WHB ⁵ White LED bezel
		E ⁴ 220V, 50 Hz			
			5M Type V medium		CONTROL OPTIONS
			5S Type V short		SCO Motion control, no light output/on-off control
			5W Type V wide		SC30 Motion control, dimmed to 30% light output
			2L Type II rotated left		SC50 Motion control, dimmed to 50% light output
			3L Type III rotated left		SC70 Motion control, dimmed to 70% light output
			4L Type IV rotated left		
			2R Type II rotated right		PR(X) ² NEMA Photo cell receptacle (replace X with: U = 120-277V 5 = 480V, 6 = 347V)
			3R Type III rotated right		WIH ^{2,8} In-fixture wireless control module
			4R Type IV rotated right		

- Notes: 1- Select only when using voltage specific options F, WH
 2- WH cannot be combined with CD or PR(X)
 3- Fuse option not available with U voltage
 4- Select F3 fusing option for 220V
 5- Not recommended for Type 5S, 5M, or 5W
 6- Order to match larger Cimarron CL1 with white bezels
 7- Dimming leads accessible for connection to third party dimmer
 8- Only available with 120V or 277V input

Whiteway Quick Ship:

CL1S-A-48L-U-5K-4-DB
 CL1S-A-48L-U-5K-4-WH

Specifications

Construction:

- Complements the Cimarron LED CL1 in the Hubbell Southwest series of outdoor fixtures
- Weight: 19 lbs; EPA 0.45ft²
- Features exclusive wiHUBB technology wireless system for on/off and 0-10VDC dimming protocol with functional range of 10-100% • light output; programmable autonomous operation

Electrical:

- Universal input voltage 120-277 VAC, 50/60 Hz
- Ambient operating temperature -30°C to 40°C
- Automatic thermal self-protection
- Drivers have greater than 90% power factor and less than 10% THD
- Optional 0-10VDC continuous dimming to 10%
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- LED electrical assembly, including PR devices, consumes no power in the 'off' state
- Surge protection of 10KA 8/20 μSec wave; clamping voltage of 320V & surge rating of 273J

Installation:

- Decorative integral arm houses two stage hinge mechanism
- Safety latch holds luminaire door to prevent "free swing"
- Quick-connect wiring for simplified, hassle-free installation

Finish:

- TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness

Warranty:

- Five year

Listings:

- Listed U 1598 and CSA C22.2#250.0-24 for wet locations
- DesignLights Consortium qualified
- IDA approved
- IP65

Performance Summary

Number of LEDs	Drive Current (milliamps)	System Watts	Distribution Type	Lumens
16	700mA	38W	2	3053
			3	3075
			4	3113
			5S	3457
			5M	3731
			5W	3166
32	700mA	76W	2	6527
			3	6574
			4	6654
			5S	7391
			5M	7327
			5W	6704
48	700mA	110W	2	9864
			3	9935
			4	10056
			5S	11169
			5M	11073
			5W	10132

