

# Cimarron CL1

## Area/Site Lighting

AREA/SITE



\*3000K and warmer CCTs only

Stylish vertically finned die-cast solid top housing and lower heat sink optimize heat dissipation;

- Isolated electrical compartment with integral heat sinking for cooler operation and longer driver life
- Drivers have greater than 90% power factor and less than 20% THD
- 0-10V dimming driver standard, order CD option to have dimming leads extended
- Automatic thermal self protection
- 20KA surge protection with an end of life LED indicator
- 60,000 hours life (L90 @ 40°C)\*
- Shipped with upswept or straight arm for uniform look and ease of installation
- -40 deg C to 40 deg C ambient operation
- Lekrocote TGIC polyester powder coat finish

- 3000K, 80 CRI; 4000K, 70 CRI; 5000K, 67 CRI
- Stainless steel bezel(s)
- Choice of 72 high brightness LED configurations with individual acrylic lenses aimed to produce IES type II, III, IV and V distributions and auto optics
- Backlight control option reduces spill light behind pole by 85%, doesn't change fixture appearance or EPA
- IP65
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- Increased lumen output with use of 1050mA driver (90L only)
- DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/QPL>
- Turtle friendly Amber available

### MADE-TO-ORDER ORDERING INFORMATION

SERIES	NO. OF LEADS	VOLTAGE	CCT	DRIVE CURRENT	OPTIONS
CL1 Cimarron LED	90L 90 High brightness LEDs 60L 60 High brightness LEDs 30L 30 High brightness LEDs	U <sup>1</sup> Universal 120V-277V, 50/60 Hz 1 120V 2 208V 3 240V 4 277V 5 480V, 60 Hz F 347V, 60 Hz E <sup>4</sup> 220V, 50 Hz	3K 3000K, 80CRI 4K 4000K, 70CRI 5K 5000K, 67CRI AM <sup>4</sup> Amber (590 nm available for "Turtle Friendly" applications (consult factory))	Leave blank for 700mA (standard) 035 350mA Amber CCT only 105 1050mA (not for use with 30L)	BC <sup>3</sup> Backlight control CD Continuous dimming WB <sup>6</sup> Wall bracket RPA3 <sup>6</sup> 3" Round pole adapter RPA4 <sup>6</sup> 4" Round pole adapter RPA5 <sup>6</sup> 5" Round pole adapter RPA6 <sup>6</sup> 6" Round pole adapter F(X) <sup>2</sup> Fusing (replace X with voltage: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, F-347V) VG Vandal guard 7PR Photocell receptacle (7-pin ANSI C136.41—2013 receptacle for use with standard Twist-Lock® photo controls, shorting caps, and ANSI C136.41 external wireless control devices. Select SCL option to add occupancy sensing capability when using with compatible external wireless devices.)
MOUNTING					
A Arm mount construction (6" straight rigid arm included & acceptable for 90° configurations)					
AD Decorative arm mount const. (6" decorative upswept arm incl. & acceptable for 90° configurations)					
MAF Mast arm fitter for mounting to standard 2 3/8" mast arm bracket, includes 6" straight rigid arm					
DISTRIBUTION					
2 Type II		1A Auto Front Row Type I			
3 Type III		1AR Auto Front Row Type I Rotated 90° right			
4 Type IV		1AL Auto Front Row Type I Rotated 90° left			
5S Type V Short		2A Auto Front Row Type II			
5M Type V Medium		2AR Auto Front Row Type II Rotated 90° right			
5W Type V Wide		2AL Auto Front Row Type II Rotated 90° left			
2L Type II Rotated 90° left					
3L Type III Rotated 90° left					
4L Type IV Rotated 90° left					
2R Type II Rotated 90° right					
3R Type III Rotated 90° right					
4R Type IV Rotated 90° right					
COLOR					
DB Dark Bronze					
BL Black					
WH White					
GR Gray					
PS Platinum Silver					
CC Custom Color					
PIR MOTION/OCCUPANCY CONTROL OPTIONS					
SCO_F <sup>6,7,9</sup> On/Off control (line voltage device not for use with 7PR receptacle option and external wireless control devices)					
SCL_F <sup>6,7,9</sup> Add-on occupancy sensor for use with ext. wireless control device connected thru 7PR receptacle. Consult control manufacturer for compatibility.					
SCP_F <sup>5,6,7,9</sup> Programmable dimming control (line voltage device not for use with 7PR receptacle option and external wireless control devices). A minimum of one SCP-REMOTE accessory remote control required for configuration; (Standard lens with greater sensitivity; motion detection radius equal to .75 X luminaire mounting height (approx. distance))					
SWP <sup>10</sup> SiteSync Pre-Commission					
SWPM <sup>9,10</sup> SiteSync Pre-Commission w/ Sensor					
WIRELESS CONTROL OPTIONS					
WIR <sup>8</sup> wiSCAPE Fixture Module, in-fixture relay for wireless lighting control					
WIRSC <sup>6,8</sup> wiSCAPE Fixture Module, in-fixture relay for wireless lighting control and motion/occupancy control					

- Notes: 1 - Fuse option not available with universal voltage  
 2 - Select F3 fusing option for 220V  
 3 - Recommended for Type III and IV distributions only  
 4 - Available in 350mA drive current only Type IV, 5M  
 5 - 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, must order minimum of one SCP-REMOTE control to program dimming settings (see accessories)  
 6 - Not available with AD arm  
 7 - Not available with WIR or WIRSC  
 8 - Not available with SCO, SCL, or SCP  
 9 - Specify mounting height: 8 = 8' or less, 40 = 9' to 40'  
 10 - Specify group and zone. See SiteSync product page [www.hubbellighting.com/controls/SiteSync](http://www.hubbellighting.com/controls/SiteSync) for more details

ADDITIONAL ACCESSORIES ON PG. 227



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### PERFORMANCE INFORMATION

Series Number	Equivalency		Energy Savings	Delivered Lumens						System Watts		Lumens Per Watt	CCT
	MH	HPS		Type 2	Type 3	Type 4	Type 5M	Type 5S	Type 5W	120V-277V	347V-480V		
CL1-30L-4K	175w	150w	67%	7,639	7,635	7,726	7,862	8,291	7,591	70	80	117	4000K
CL1-60L-4K	320w	250w	62%	14,984	14,977	15,154	15,421	16,263	14,891	135	150	119	4000K
CL1-90L-4K	400w	400w	52%	22,035	22,026	22,286	22,678	23,916	21,899	205	225	115	4000K
CL1-90L-4K-105	750w	750w	60%	29,380	29,367	29,714	30,237	31,888	29,198	325	350	97	4000K
CL1-30L-5K	175w	150w	26%	8,021	8,036	8,412	8,182	8,706	7,991	70	80	123	5000K
CL1-60L-5K	350w	250w	66%	15,733	15,764	16,500	16,048	17,076	15,674	135	150	125	5000K
CL1-90L-5K	400w	400w	52%	23,137	23,182	24,265	23,601	25,112	23,051	205	225	121	5000K
CL1-90L-5K-105	750w	750w	60%	30,849	30,909	32,353	31,467	33,483	30,734	325	350	103	5000K

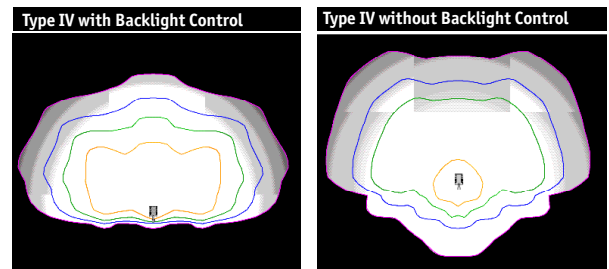
Consult specification sheet for additional performance information

AREA/SITE

## Backlight Control

For those LED projects that require minimal light behind the pole, Hubbell Outdoor Lighting has a solution – Backlight Control. This unique system, designed specifically for LED lighting, will virtually eliminate the light spill behind the pole and is available on Cimarron LED CL1 and CL1S models. (See CL1 and CL1S page(s) for ordering information)

- Reduce light 85% behind the pole – industry leading performance
- No change to fixture appearance or EPA
- Achieves impressive Backlight-Uplight-Glare (BUG) rating
- Neighbor-friendly lighting
- 2013 IES Progress Report Award winner



## Automotive Dealership Optics

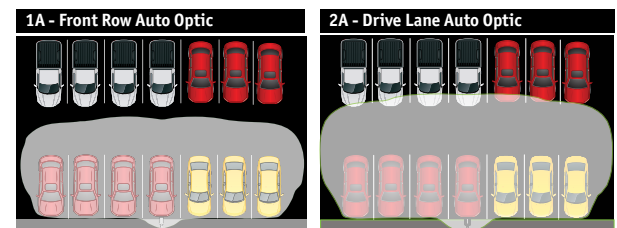
For Automotive Dealership applications Hubbell Outdoor Lighting has developed two optics designed for enhanced and proper lighting of the auto dealership merchandise the front row 1A and interior rows 2A (See CL1 distribution information for details)

### Optic 1A

- Maximum illumination on front row display
- Maximum pole spacing

### Optic 2A

- Excellent front row illumination and drive lane
- Optimal uniformity for drive lane and interior rows



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