

# 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
- Lektrocote 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

CL1 - - - - -						
SERIES	NO. OF LEDS	VOLTAGE	CCT	DRIVE CURRENT	OPTIONS	
CL1 Cimarron LED	90L 90 High brightness LEDs  60L 60 High brightness LEDs  30L 30 High brightness LEDs	U Universal 120V-277V, 50/60 Hz  1 120V 2 208V 3 240V 4 277V 5 480V, 60 Hz F 347V, 60 Hz E4 220V, 50 Hz	3K 3000K, 80CRI 4K 4000K, 70CRI 5K 5000K, 67CRI AM 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 Backlight control CD Continuous dimming WB Wall bracket RPA3 3" Round pole adapter RPA4 4" Round pole adapter RPA5 5" Round pole adapter RPA6 6" Round pole adapter F(X) 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 3 Type III 4 Type IV 5S Type V Short 5M Type V Medium 5W Type V Wide 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 1A Auto Front Row Type I 1AR Auto Front Row Type I Rotated 90° right 1AL Auto Front Row Type I Rotated 90° left 2A Auto Front Row Type II 2AR Auto Front Row Type II Rotated 90° right 2AL Auto Front Row Type II Rotated 90° left						
COLOR						
DB Dark Bronze BL Black WH White GR Gray PS Platinum Silver CC Custom Color						
MOTION CONTROL OPTIONS						
SCO No light output when no motion detected / On/ Off control SCL Add-on occupancy sensor SCP Programmable dimming control SCPW Programmable dimming control wireless						

ADDITIONAL ACCESSORIES ON PG. 226-227

### WIRELESS CONTROL OPTIONS

- WIR** wiSCAPE
- WIRSC** wiSCAPE with motion control

\*See specification page for complete fixture data



**HUBBELL**  
Outdoor Lighting

# Cimarron CL1

## Area/Site Lighting

### PERFORMANCE INFORMATION

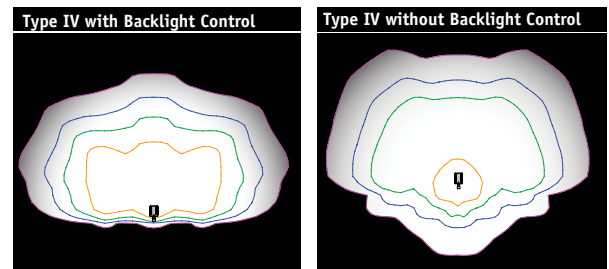
Series Number	Equivalency		Energy Savings	Delivered Lumens						System Watts		Lumens Per Watt	CCT	Drivers/ Current
	MH	HPS		Type 2	Type 3	Type 4	Type 5M	Type 5S	Type 5W	120V-277V	347V-480V			
CL1-30L-4K	175w	150w	67%	7,639	7,635	7,726	7,862	8,291	7,591	70	80	117	4000K	2@700mA
CL1-60L-4K	320w	250w	62%	14,984	14,977	15,154	15,421	16,263	14,891	135	150	119	4000K	4@700mA
CL1-90L-4K	400w	400w	52%	22,035	22,026	22,286	22,678	23,916	21,899	205	225	115	4000K	6@700mA
CL1-90L-4K-105	750w	750w	60%	29,380	29,367	29,714	30,237	31,888	29,198	325	350	97	4000K	6@1050mA
CL1-30L-5K	175w	150w	26%	8,021	8,036	8,412	8,182	8,706	7,991	70	80	123	5000K	2@700mA
CL1-60L-5K	350w	250w	66%	15,733	15,764	16,500	16,048	17,076	15,674	135	150	125	5000K	4@700mA
CL1-90L-5K	400w	400w	52%	23,137	23,182	24,265	23,601	25,112	23,051	205	225	121	5000K	6@700mA
CL1-90L-5K-105	750w	750w	60%	30,849	30,909	32,353	31,467	33,483	30,734	325	350	103	5000K	6@1050mA

Consult specification sheet for additional performance

## Backlight Control

For those LED projects that require minimal light behind the pole, Spaulding 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

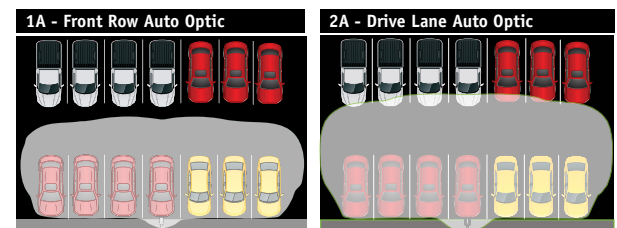
For Automotive Dealership applications Spaulding Lighting has developed two optics designed for enhanced and proper lighting of the auto dealership merchandise the front row 1A and interior rows 2A (See CL1 distribution information for details)

### 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



**HUBBELL**  
Outdoor Lighting