

CAT#: \_\_\_\_\_ Job: \_\_\_\_\_ Type: \_\_\_\_\_



### Features

Built for superior LED performance packed with features

- Cimarron LED incorporates a unique vertically-finned die-cast housing that optimizes heat transfer to keep the fixture cool and maximize component life
- Multiple LED configurations with over 26,000 lumens
- Design flexibility is optimized with 32 high brightness LED light engine configurations in IES type II, III, IV, and V distributions enables mounting heights from 15ft to over 35 ft
- Maintenance free housing designed to IP65 and 60,000 hours of life
- Energy control option uses less than 50% of the energy of an equivalent HID at full brightness
- Internal self-monitoring sensor detects above-tolerance temperatures and automatically reduces heat load to preserve LED life
- Mounting versatility with choice of traditional straight, architectural up-swept die-cast aluminum or mast arm fitter designs
- Optional vandal resistant guard provides additional protection when necessary
- The Cimarron LED family of luminaires are manufactured with industry leading optics to distribute light where it is specifically needed for site/area, pedestrian, parking lot and pathway applications.
- Certifications: UL1598A, Wet Listed

### Certifications/Listings



### Ordering Information

CL1 | A | 90L | U | 5K | 3 | - | DB | RPA3

SERIES	NO. OF LEDS	VOLTAGE	CCT	DRIVE CURRENT	OPTIONS
CL1 Cimarron LED Pedestrian Scale	90L 90 High Brightness LEDs 60L 60 High Brightness LEDs 30L 30 High Brightness LEDs	U <sup>3</sup> Universal 120V-277V 50/60 Hz 1 <sup>1</sup> 120V 2 <sup>1</sup> 208V 3 <sup>1</sup> 240V 4 <sup>1</sup> 277V 5 480V, 60 Hz F 347V, 60 Hz E <sup>4</sup> 220V, 50 Hz	3K 3000K 4K 4200K 5K 5100K AM Amber (590 μm for "turtle friendly" applications)	Leave Blank for 700mA (standard) 035 350mA Amber (590 μm for "turtle friendly" applications) 105 1050mA (use with 90L only for higher lumen output)	BC <sup>5</sup> Back-light Control BL <sup>1,2,5</sup> Bi-level control CD <sup>2</sup> Continuous Dimming F(X) <sup>3,4</sup> Fusing (replace X with 1-120V, 2-280V, 3-240V, 4-277V, 5-480V, 6-347V) RPA3 3" Round pole adapter RPA4 4" Round pole adapter RPA5 5" Round pole adapter RPA6 6" Round pole adapter WB Wall bracket SSB Stainless steel LED bezel VG Vandal guard
<b>MOUNTING</b>					
A Arm mount construction (6" straight rigid arm included acceptable for 90° configuration)					
AD Decorative arm mount (6" decorative up-swept arm incl/acceptable for 90° configuration)					
MAF Mast arm fitter for mounting to standard 2 3/8" bracket, incl. 6" straight rigid arm					
<b>DISTRIBUTION</b>					
2 Type II					
3 Type III					
4 Type IV					
5M Type V medium					
5S Type V short					
5W Type V wide					
<b>COLOR</b>					
DB Dark Bronze					
BL Black					
WH White					
GR Gray					
PS Platinum Silver					
RD Red (premium)					
FG Forest Green (premium)					
CC Custom					
<b>CONTROL OPTIONS</b>					
SCO Motion control, no light output/on-off control					
SCP Programmable motion control, factory default is 50%					
PR(X) <sup>5</sup> NEMA Photo cell receptacle (replace X with: U = 120-277V 5 = 480V, 6 = 347V)					
WIH <sup>7</sup> In-fixture wireless control module					

Notes: 1- For BL option 90L and 60L; N/A 347V & 480V  
 2- BL and CD cannot be combined  
 3- Fuse option not available with U voltage  
 4- Select F3 fusing option for 220V  
 5- Photocell receptacle not available with BL option  
 6- Recommended for Type II and IV only  
 7- Select only when using voltage specific option (F or WH)

## Specifications

### Construction:

- Stylish vertically finned die-cast solid top housing for maximum heat dissipation; stops collection of unsightly debris from gathering on top of housing
- Rugged lower die-cast aluminum heat sink accelerates thermal management and optimizes PCB and optical performance
- Separate optical and electrical compartment for optimum component operation
- One piece die-cut silicone gasket ensures weatherproof 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 IV distributions
- Stamped bezel provides mechanical compression to seal the optical assembly
- Complements the Hubbell Southwest series of outdoor fixtures
- Weight: 45.0 lbs, EPA: 1.3ft<sup>2</sup>

### Optics:

- Choice of 32 high brightness LED configurations with individual acrylic lenses specially designed for IES Type II, III, IV and V
- CCT: 5100K standard, 3000K, 4200K and turtle friendly Amber LED options available
- CRI: 70

### Finish:

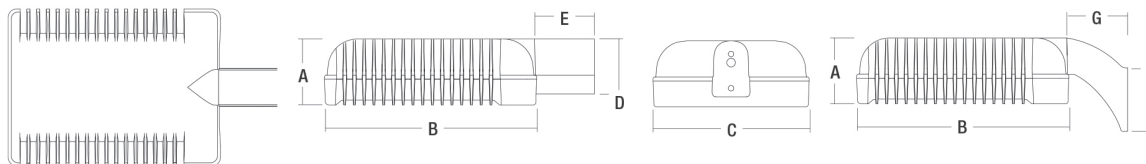
- TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness

### Listings:

- Listed to UL 1598 and CSA C22.2#250.0-24 for wet locations
- Models meet DesignLights Consortium (DLC) qualifications, consult DLC website for more details: [www.designlights.org/QPL](http://www.designlights.org/QPL)
- IDA approved
- IP65

### Warranty:

- 5 year



	A	B	C	D	E	F	G	EPA	Weight
CL1	6 3/4"	21 3/4"	16"	6 5/8"	6 5/16"	5 5/8"	6 1/8"	< 1.3 ft <sup>2</sup>	Approx 45 lbs.
	171mm	552mm	406mm	168mm	160mm	143mm	155mm	< 0.12 m <sup>2</sup>	Approx 20.4 kg

## Performance Summary

Light Engine	Input Watts		Lumens Delivered					
	120V-277V	347V-480V	Type 2	Type 3	Type 4	Type 5M	Type 5S	Type 5W
30L-5K	70	87	6384	6164	6641	7108	6999	6619
60L-5K	140	157	13300	12842	13125	13185	13675	12954
90L-5K	210	227	19684	19006	19202	20592	19610	18973
90L-5K-105	336	363	26974	25351	26548	25793	27445	25195
30L-4K	70	87	6089	6109	6104	6417	6439	6046
60L-4K	140	157	11583	11468	12036	12038	12581	11807
90L-4K	210	227	17143	16973	17648	18521	20220	17394
90L-4K-105	336	363	23896	23912	24199	24583	25357	23128
30L-3K	70	87	4606	4668	4686	4858	4902	4601
60L-3K	140	157	9013	9175	9216	9409	9461	8844
90L-3K	210	227	13360	13601	13575	13923	14004	13902
90L-3K-105	336	363	17645	17612	17469	17950	18271	17330

All performance data has been acquired by physical test reports conducted to LM-79-08 standards in a controlled testing laboratory.