

## DESCRIPTION

The Caretaker LED roadway luminaire combines high performance, low maintenance and easy installation in a simple, extremely economical package. Designed for years of worry-free operation, the Caretaker luminaire is ideal for municipal streetlighting retrofits requiring superior optical performance and fast payback on capital.

<b>Catalog #</b>		<b>Type</b>	
<b>Project</b>			
<b>Comments</b>		<b>Date</b>	
<b>Prepared by</b>			

## SPECIFICATION FEATURES

### Construction

Cast-aluminum housing and door. Access is via a single captive screw; tool-less access option available. Hinged removable power tray door for easy maintenance.

### Optical

Injection-molded optics available in two full-cutoff distributions with wide, uniform light delivery. Fully compatible with standard NEMA refractor/reflector assemblies. 4000K CCT, minimum 70 CRI standard. .

### Electrical

LED driver mounted to removable die-cast aluminum door. 120V/60Hz operation. 6kV surge protection

standard. 10kV/10kA UL 1449 common- and differential-mode surge protection device optional. Thermal management transfers heat rapidly away from the LED light source for optimal efficiency, light output and life. Three-position tunnel-type compression terminal block. 83% lumen maintenance expected at 36,000 hours. LED module is IP66 enclosure rated.

### Mounting

Two-bolt slipfitter for mounting on 1-1/4" to 2" standard pipe (1-5/8" to 2-3/8" O.D.). Also available with a bracket for mounting to wood poles or walls without a pipe.

### Finish

Unfinished raw aluminum standard. Optional five-stage super TGIC polyester powder coat paint, 2.5-mil nominal thickness for superior protection against fade and wear. Consult your Eaton's Cooper Lighting business representative for a complete selection of standard colors.

### Warranty

Five-year warranty.

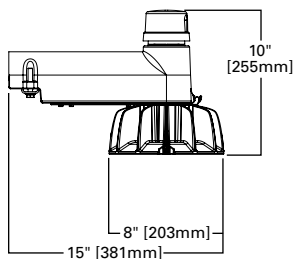


## CRTK-R CARETAKER LED

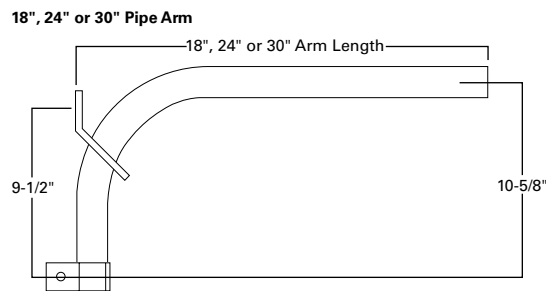
8 or 12 LEDs  
Solid State LED

ROADWAY LUMINAIRE

## DIMENSIONS



## OPTIONAL WOOD POLE PIPE ARM



### CERTIFICATION DATA

UL/cUL Wet Location Listed  
ISO 9001  
IP66 LED Array  
3G Vibration Rated  
ARRA Compliant  
DesignLights Consortium® Qualified\*

### ENERGY DATA

**Electronic LED Driver**  
>0.9 Power Factor  
<20% Total Harmonic Distortion  
120/60Hz  
-40°C Minimum Ambient Temperature Rating  
+25°C Maximum Ambient Temperature Rating

### EPA

Effective Projected Area: (Sq. Ft.) 0.67

### SHIPPING DATA

Approximate Net Weight:  
8.0 lbs. (3.6 kgs.)



**POWER AND LUMENS**

Luminaire Wattage (Nominal)		48W	73W
Type II	Lumens	4,447	--
	BUG Rating	1-0-1	--
Type V	Lumens	4,814	6,910
	BUG Rating	2-0-1	3-0-1

**LUMEN MAINTENANCE (8 LEDS)**

Ambient Temperature	TM-21 Lumen Maintenance (36,000 Hours)	Theoretical L70 (Hours)
25°C	> 86%	87,000
40°C	> 84%	72,000

**LUMEN MAINTENANCE (12 LEDS)**

Ambient Temperature	TM-21 Lumen Maintenance (36,000 Hours)	Theoretical L70 (Hours)
25°C	> 83%	69,000
40°C *	> 82%	66,000

\* Painted Only.

**ORDERING INFORMATION**

Sample Number: CRTK-R-A08-E-120-5-SR

Product Family	Lumen Package	Driver	Voltage	Distribution
CRTK-R=Caretaker Roadway Luminaire	A08=8 LEDs A12=12 LEDs <sup>1,2</sup>	E=Non-Dimming	120=120V	2=Type II 5=Type V
<b>Options</b> (Add as Suffix)		<b>Color</b>		
S=Shorting Cap 5=120V NEMA Photocontrol Included 10K=10kV UL 1449 Surge Protection Device UL=UL/CSA Listed SR=Small Acrylic Refractor Included	B18=18" Wood Pole Pipe Arm B24=24" Wood Pole Pipe Arm B30=30" Wood Pole Pipe Arm TH=Tool-less Door Hardware WPBKT=Wall or Pole Mounting Bracket V=(2) 5' #14 Leads 5000=5000K CCT	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White A=Raw Aluminum Unfinished (Standard) <sup>2</sup>		

**NOTE:**

- 12 LEDs not available in Type II distribution.
- Paint required for 12 LED at 40°C ambient. Maximum ambient temperature for 12 LED unpainted is 25°C.