

Caretaker™
LED Roadway Luminaire

STREETWORKS



Cooper Lighting
by **EATON**

An Economical LED Solution for Roadways

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.

Construction

- Hinged removable power door for easy maintenance.
Optional tool-less entry available
- LED driver mounted directly to removable door
- Fully compatible with ANSI/NEMA open-bottom refractor
- IP66 rated LED module
- UL wet location rated housing
- Rugged, die-cast aluminum construction
- NEMA photocontrol receptacle
- Two-bolt mounting for 1-1/4" to 2" standard pipe
(1-5/8" to 2-3/8" O.D.)

Performance and Electrical

- -40°C to 40°C ambient operating temperatures
- 6kV/3kA IEEE 62.41 Class C low surge protection with
10kV/10kA Class C high surge protection available
- L86 36,000 hours at 25°C, compliant with IESNA TM-21
- 120V/60Hz operation

Warranty

- Five-year warranty



Innovation you can rely on™



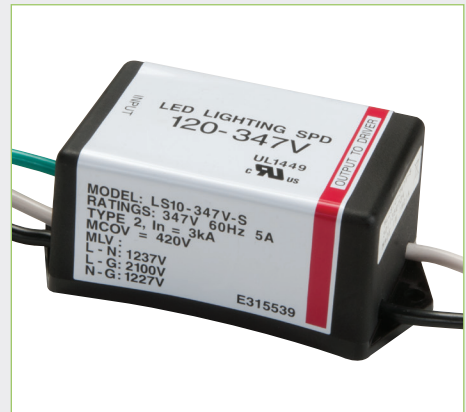
Hinged Removable Power Door

Driver is mounted to the door. Power door hangs securely and can be easily removed. A 6kV/3kA surge protection is integral to driver.



Quick Disconnects

Connections between power door and housing are made with tool-less quick disconnects.



Optional Surge Protection

Optional UL 1449 Listed 10kV/10kA surge protective device protects against common (line-to-ground) and differential (line-to-line) mode surges.

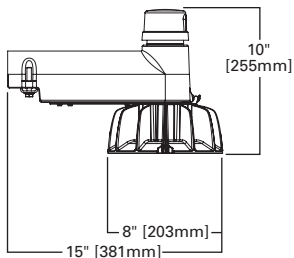
Ordering Information

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

Product Family	Lumen Package	Driver	Voltage	Distribution
CRTK-R=Caretaker Roadway Luminaire	A08=8 LEDs A12=12 LEDs ^{1,2}	E=Non-Dimming	120=120V	2=Type II 5=Type V
Options (Add as Suffix)		Color		
S=Shorting Cap 5=120V NEMA Photocontrol Included 10K=10KV UL 1449 Surge Protection Device UL=UL/CSA Listed	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 Wood 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) ²		

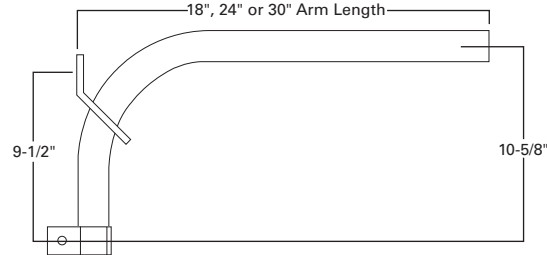
NOTE: 1 12 LEDs not available in Type II distribution. 2 Paint required for 12 LEDs at 40°C ambient. Maximum ambient temperature for 12 LEDs unpainted is 25°C.

Dimensions



Optional Wood Pole Pipe Arm

18", 24" or 30" Pipe Arm



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.

Additional Information

Compliances	Technical Data (Electronic LED Driver)	EPA Effective Projected Area (Square Feet)	Shipping Data (Approximate Net Weight)
UL and cUL Wet Location Listed IP66 Rated LED Module 3G Vibration Rated ARRA Compliant DesignLights Consortium® Qualified	>0.9 Power Factor <20% Total Harmonic Distortion 120V 50/60Hz -40°C Minimum Ambient Temperature Rating +25°C Maximum Ambient Temperature Rating	0.67	8.0 lbs. (3.6 kgs.)



NOTE: Specifications and dimensions subject to change without notice.

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