DESCRIPTION

The Caretaker™ LED area luminaire incorporates durability, long life, and unmatched performance in a package that is ideal for a wide variety of applications. The unique universal mounting bracket allows quick and easy installation whether it is wall mounted security lighting, residential street lighting, perimeter area lighting, parking areas, loading platforms, boat docks, access drives or pathways. Designed for years of worry-free illumination, the Caretaker luminaire is UL/cUL listed for wet locations, has a heavy-duty die-cast aluminum housing and includes an integrated 6kV surge protection device.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Construction
Single heavy-duty die-cast aluminum housing. Access via stamped aluminum door for ease of installation and maintenance. Corrosion resistant hardware. Spun aluminum shield for full cutoff.

Optics
Precision molded optics are designed to shape the distribution, maximize efficiency, and application coverage. Available in three lumen packages with standard 4000K CCT with a minimum 70 CRI. The Type V round symmetric distribution creates a consistent, even distribution replacing up to 250W metal halide. Optic is IP66 rated.

Electrical
LED driver is standard universal voltage and 0-10V dimming with integrated 6kV surge protection. A NEMA 3-PIN photocontrol receptacle and twist-lock photocontrol for dusk-to-dawn operation are provided standard. The Caretaker is designed for efficient thermal management; heat is transferred away from the LEDs for optimal efficiency, light output, and life. Lumen maintenance of 90% at 60,000 hours.

Mounting
The Caretaker luminaire is supplied with a universal mounting bracket for either wall or wood pole mounting and an integral two-bolt slipfitter for mounting on 1-1/4" to 2" standard pipe (1-5/8" to 2-3/8" O.D.).

Finish
Standard natural aluminum finish.

Warranty
Five-year warranty.

CTKR
CARETAKER LED

Solid State LED

**AREA LUMINAIRE
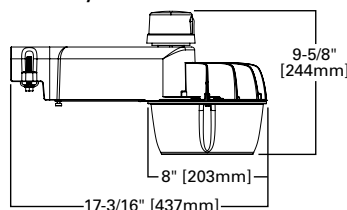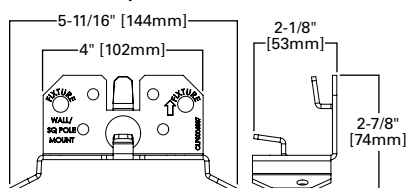DUSK-TO-DAWN**

DIMENSIONS

Full Cutoff (Standard)

7-5/16" [185mm]
9-7/8" [251mm]
17-3/16" [437mm]

Small Acrylic Refractor

9-5/8" [244mm]
8" [203mm]
17-3/16" [437mm]
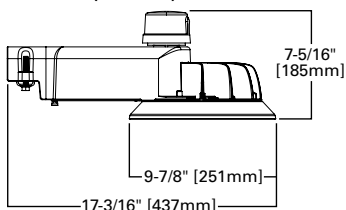
WALL / POLE MOUNTING BRACKET (INCLUDED)

Wall Mount / Square Pole Mount

5-11/16" [144mm]
4" [102mm]
2-1/8" [53mm]
2-7/8" [74mm]

Pole Mount

2-1/8" [53mm]
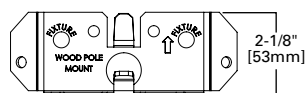
CERTIFICATION DATA
UL/cUL Wet Location Listed
IP66 Rated (Optic)
LM79/LM80 Compliant
3G Vibration Rated
RoHS Compliant
ISO 9001
DesignLights Consortium® Qualified*

ENERGY DATA
Electronic LED Driver
> 0.9 Power Factor
< 20% Total Harmonic Distortion
120-277V, 50/60Hz
-40°C Minimum Ambient Temperature Rating
+40°C Maximum Ambient Temperature Rating

EPA
Effective Projected Area: (Sq. Ft.)
Full Cutoff: 0.52
Small Acrylic Refractor: 0.58

SHIPPING DATA
Approximate Net Weight: 7 lbs. (3.2 kgs.)

COOPER
Lighting Solutions

POWER AND LUMENS

Light Engine		1B	2B	3B
Power (Watts)		29W	50W	71W
Input Current @ 120V (A)		0.25	0.42	0.60
Input Current @ 277V (A)		0.11	0.17	0.26
Standard	Lumens	4,515	7,110	9,741
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2
Small Acrylic Refractor	Lumens	4,435	6,983	9,567
	BUG Rating	B3-U3-G2	B3-U3-G2	B4-U3-G3

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
CTKRV1B, CTKRV2B		
25°C	90.72%	>220,000
40°C	90.72%	>220,000
CTKRV3B		
25°C	90.72%	>220,000
40°C	87.70%	>162,000

ORDERING INFORMATION

Stock Number	Accessories (Order Separately)
CTKRV1B=Caretaker 29W, 4500lm, UNV, Dimming, Photocontrol **CTKRV2B**=Caretaker 50W, 7100lm, UNV, Dimming, Photocontrol **CTKRV3B**=Caretaker 71W, 9700lm, UNV, Dimming, Photocontrol	**SR-CARETAKER**=Small Acrylic Refractor **RMARROA5**=ANSI/NEMA Acrylic Refractor Assembly **DS-HSS-CRTK2**=Drop Shield House Side Shield **OA/RA1013**=Shorting Cap