Cree Edge™ Series

LED Security Wall Pack Luminaire

Product Description

The Cree Edge™ wall mount luminaire has a slim, low profile design. The luminaire end caps are made from rugged die cast aluminum with integral, weathertight LED driver compartments and high performance aluminum heat sinks specifically designed for LED applications. Housing is rugged aluminum. Includes a lightweight mounting box for installation over standard and mud ring single gang J-Boxes. Secures to wall with four 3/16" (5mm) screws (by others). Conduit entry from top, bottom, sides and rear. Allows mounting for uplight or downlight. Designed and approved for easy through-wiring. Includes leaf/debris guard.

Applications: General area and security lighting

Performance Summary

Patented NanoOptic® Product Technology

Made in the U.S.A. of U.S. and imported parts
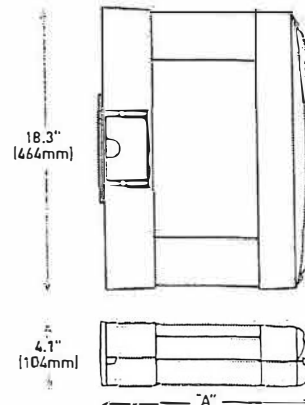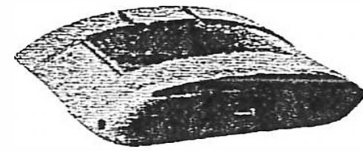
CRI: Minimum 70 CRI

CCT: 4000K (+/- 300K), 5700K (+/- 500K) standard

Limited Warranty†: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

† See http://lighting.cree.com/warranty for warranty terms

Accessories

Field-Installed	
Bird Spikes XA-BRDSPK	Hand-Held Remote XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

18.3" (464mm)

4.1" (104mm)

"A"

LED Count (x10)	Dim. "A"	Weight
02	9.9" (251mm)	20 lbs. (9.1kg)
04	11.9" (303mm)	22 lbs. (10.0kg)
06	13.9" (353mm)	25 lbs. (11.3kg)
08	15.9" (404mm)	27 lbs. (12.2kg)
10	17.9" (455mm)	31 lbs. (14.1kg)
12	19.9" (505mm)	32 lbs. (14.5kg)

Ordering Information

Example: SEC-EDG-2M-WM-06-E-UL-SV-700

SEC-EDG		WM		E					
Product	Optic	Mounting	LED Count (x10)	Series	Voltage	Color Options	Drive Current	Options	
SEC-EDG	2M Type II Medium 2MB Type II Medium w/BLS 2S Type II Short 2SB Type II Short w/BLS 3M Type III Medium 3MB Type III Medium w/BLS 4M Type IV Medium 4MB Type IV Medium w/BLS	WM Wall Mount	02 04 06 08 10 12	E	UL Universal 120-277V UH Universal 347-480V 34 347V	BK Black BZ Bronze SV Silver WH White	350 350mA 525 525mA -Available with 20-80 LEDs 700 700mA -Available with 20-60 LEDs	DIM 0-10V Dimming - Control by others - Refer to Dimming spec sheet for details - Can't exceed specified drive current F Fuse - Refer to ML spec sheet for availability with ML options - Available with UL voltage only - When code dictates fusing, use time delay fuse ML Multi-Level - Refer to ML spec sheet for details - Intended for downlight applications of 0° tilt P Photocell - Refer to ML spec sheet for availability with ML options - Must specify UL or 34 voltage PML Programmable Multi-Level - Refer to PML spec sheet for details - Intended for downlight applications of 0° tilt 40K 4000K Color Temperature - Minimum 70 CRI - Color temperature per luminaire	

City of Santa Rosa

Cree Edge™ LED Security Wall Pack Luminaire

Product Specifications

CONSTRUCTION & MATERIALS

* Slim, low profile design
* Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartment and high performance aluminum heat sinks specifically designed for LED applications
* Housing is rugged aluminum
* Furnished with low copper, light weight mounting box designed for installation over standard and mud ring single gang J-Boxes
* Luminaire can also be direct mounted to a wall and surface wired
* Secures to wall with four 3/16" (5mm) screws (by others)
* Conduit entry from top, bottom, sides, and rear
* Allows mounting for uplight or downlight
* Designed and approved for easy through-wiring
* Includes leaf/debris guard
* Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultradurable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available
* Weight: See Dimensions and Weight Chart on page 1

ELECTRICAL SYSTEM

* Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers
* Power Factor: > 0.9 at full load
* Total Harmonic Distortion: < 20% at full load
* Integral weathertight J-Box with leads (wire nuts) for easy power hook up
* Integral 10kV surge suppression protection standard
* To address inrush current, slow blow fuse or type C/D breaker should be used
* Maximum 10V Source Current: 20 LED (350mA): 10mA; 20LED (525 & 700 mA) and 40-120 LED: 0.15mA

REGULATORY & VOLUNTARY QUALIFICATIONS

* cULus Listed
* Suitable for wet locations
* Meets FCC Part 15 standards for conducted and radiated emissions
* Enclosure rated IP66 per IEC 60529 when ordered without P, PML or ML options
* 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
* Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
* DLC qualified. Exceptions apply when ordered with full backlight control. Please refer to www.designlights.org/QPL for most current information
* Dark Sky Friendly, IDA Approved. Please refer to www.darksky.org/ for most current information
* Meets Buy American requirements within ARRA

Electrical Data*

LED Count (x10)	System Watts 120-480V	Total Current					
		120V	208V	240V	277V	347V	480V
350mA							
02	25	0.21	0.13	0.11	0.10	0.08	0.07
04	46	0.36	0.23	0.21	0.20	0.15	0.12
06	66	0.52	0.31	0.28	0.26	0.20	0.15
08	90	0.75	0.44	0.38	0.34	0.26	0.20
10	110	0.92	0.53	0.47	0.41	0.32	0.24
12	130	1.10	0.63	0.55	0.48	0.38	0.28
525mA							
02	37	0.30	0.19	0.17	0.16	0.12	0.10
04	70	0.58	0.34	0.31	0.28	0.21	0.16
06	101	0.84	0.49	0.43	0.38	0.30	0.22
08	133	1.13	0.66	0.58	0.51	0.39	0.28
700mA							
02	50	0.41	0.25	0.22	0.20	0.15	0.12
04	93	0.78	0.46	0.40	9.36	0.27	0.20
06	134	1.14	0.65	0.57	0.50	0.39	0.29

* Electrical data at 25°C (77°F)

Recommended Cree Edge™ Series Lumen Maintenance Factors (LMF)[1]

Ambient	Initial LMF	25K hr Projected[2] LMF	50K hr Projected[2] LMF	75K hr Calculated[3] LMF	100K hr Calculated[3] LMF
5°C (41°F)	1.04	0.99	0.97	0.95	0.93
10°C (50°F)	1.03	0.98	0.96	0.94	0.92
15°C (59°F)	1.02	0.97	0.95	0.93	0.91
20°C (68°F)	1.01	0.96	0.94	0.92	0.90
25°C (77°F)	1.00	0.95	0.93	0.91	0.89

[1] Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing
[2] In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip)
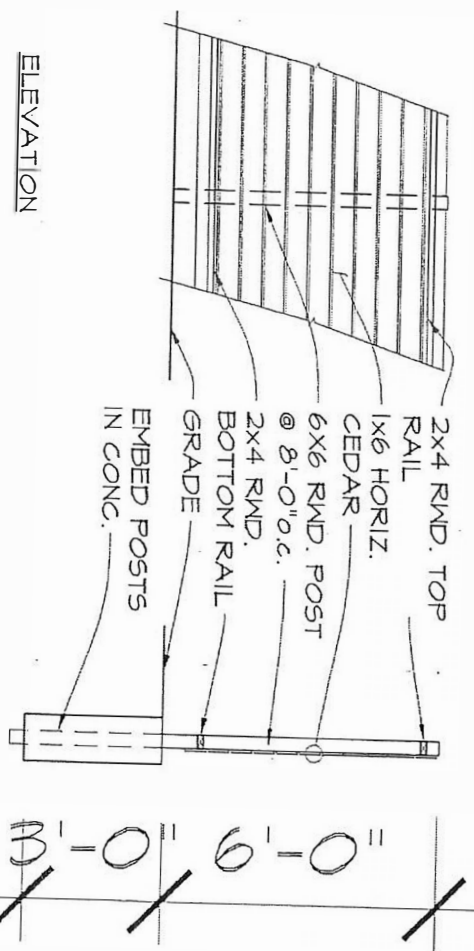[3] In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip)

ELEVATION

SECTION VIEW

2x4 RWD. TOP RAIL
1x6 HORIZ. CEDAR
6x6 RWD. POST @ 8'-0" o.c.
2x4 RWD. BOTTOM RAIL
GRADE
EMBED POSTS IN CONC.

3'-0"
6'-0"

A CEDAR FENCE DETAILS
SCALE: 1/4"=1'-0"

Model # 73002210   Internet #202891611   Store SO SKU #1001088239

TuffBilt

Cascade Standard-Duty 4 ft. H x 6 ft. W Black Aluminum Pre-Assembled Fence Panel

★ ★ ★☆ 　(3)　Write a Review　Questions & Answers (19)

$77.25 /each

Color/Finish: **Black**

Top Shape
Flat

Nominal Panel Height x Width (ft.)
4 ft x 6 ft

Veranda Cascade Standard-Duty 4 ft. x 6 ft. 3-rail pre-assembled aluminum fence panels is an economical solution to classic look of wrought iron fence. Our patented ProLockTM locking strips lock panels from the inside, meaning no screws used for panel assembly - unlike other metal fence solutions. Compatible with 4 ft. Cascade arched top (73009362) or straight top (73009365) pre-assembled gates and 70 in. posts, both sold separately.

- Low maintenance, easy to install, won't fade or discolor
- No screws used for panel assembly
- Made from powder coated aluminum to resist rust and corrosion

Info & Guides

Installation Guide

Warranty

You will need Adobe® Acrobat® Reader to view PDF documents
Download a free copy from the Adobe Web site