

The Cree Edge™ Series has a slim, low profile design. Its rugged cast aluminum housing minimizes wind load requirements and features an integral, weathertight LED driver compartment and high performance aluminum heat sinks. Various mounting choices: Adjustable Arm or Direct Arm. Includes a leaf/debris guard.

Applications: Parking lots, walkways, campuses, car dealerships, office complexes, and internal roadways

PERFORMANCE SUMMARY

Patented NanoOptic® Product Technology

Made in the U.S.A. of U.S. and imported parts

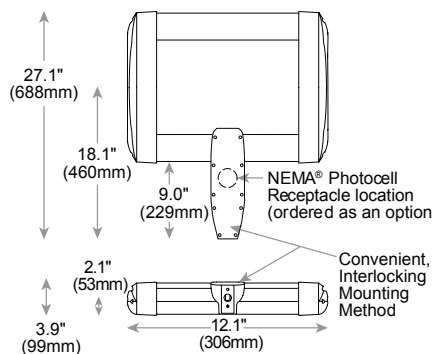
CRI: Minimum 70 CRI (4000K)

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.

DA Mount



LED Count	Weight
20	21 lbs (10 kg)
40	24 lbs (11 kg)

OPTIONS

Product	Optic	Mounting	LED Count and Input Power*	Series	Voltage	Color Options	Options
ARE-EDG	2M Type II Medium 3M Type III Medium 4M Type IV Medium 5M Type V Medium	AA Adjustable Arm DA Direct Arm	20: 10-50W 40: 10-100W	E	DC	BK Black BZ Bronze SV Silver	Powered by EverGen EMS

* Please refer to System Overview page for your exact fixture specifications.



PRODUCT SPECIFICATIONS

Construction and Materials

- Slim, low profile design minimizes wind load requirements
- Luminaire housing is rugged die cast aluminum with an integral, weathertight LED driver compartment and high performance heat sink
- DA mount utilizes convenient interlocking mounting method. Mounting is rugged die cast aluminum, mounts to 3-6" (76-152mm) square or round pole and secures to pole with 5/16-18 UNC bolts spaced on 2" (51mm) centers
- AA mount is rugged die cast aluminum and mounts to 2" (51mm) IP, 2.375" (60mm) O.D. tenons
- Includes leaf/debris guard
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion.
- Weight: 28.5 lbs (13 kg)

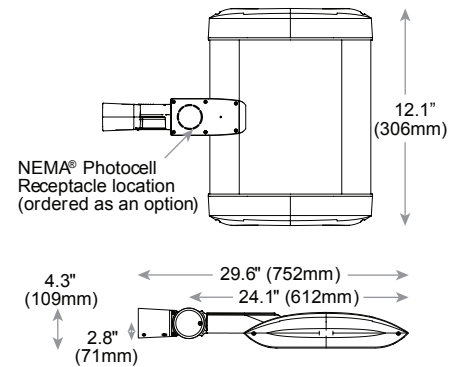
Electrical System

- **Input Voltage:** 12 VDC

Regulatory and Voluntary Qualifications

- cULus listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when ordered without R option
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- DLC qualified. Some exceptions apply. Please refer to www.designlights.org/QPL for most current information

AA Mount



LED Count	Weight
20	21 lbs (10 kg)
40	24 lbs (11 kg)

LUMINAIRE EPA

Fixed/Adjustable Arm Mount — ARE-EDG-DA / ARE-EDG-AA

LED Count	Single	2 @ 180°
20	0.66	1.32
40	0.66	1.32

Specifications subject to local environmental conditions.

Specifications may be subject to change.

US and International patents apply. Other patents pending.

"Sol" logo is a trademark of Sunna Design.

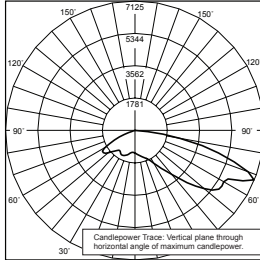
All Sol products are manufactured in facilities that are certified to ISO quality standards.

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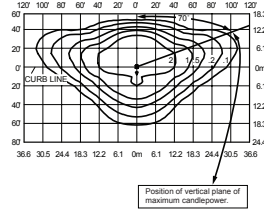
PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: <http://lighting.cree.com/products/outdoor/street-and-roadway-xsp-series-1>

2M



CSA Test Report #: 6371
ARE-EDG-2M--06-E-UL-700-40K**
Initial Delivered Lumens: 10,985



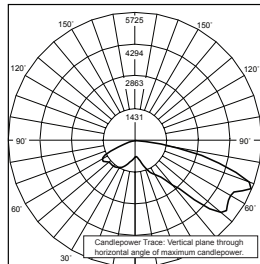
ARE-EDG-2M--06-E-UL-525-40K**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 17,504
Initial FC at grade

Type II Medium Distribution

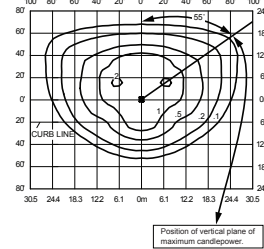
LED Count	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
20	Up to 3,026	B1 U0 G1	Up to 3,290	B1 U0 G1
40	Up to 6,324	B1 U0 G1	Up to 6,774	B1 U0 G1

* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating, visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

3M



RESTL Test Report #: PL09276-001A
ARE-EDG-3M--06-E-UL-700-40K**
Initial Delivered Lumens: 11,333



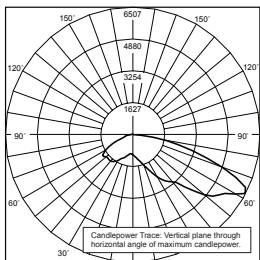
ARE-EDG-3M--06-E-UL-700-40K**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,779
Initial FC at grade

Type III Medium Distribution

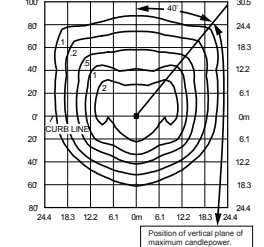
LED Count	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
20	Up to 2,854	B1 U0 G1	Up to 3,102	B1 U0 G1
40	Up to 5,962	B1 U0 G1	Up to 6,480	B1 U0 G1

* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens
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4M



CSA Test Report #: 6438
ARE-EDG-4M--06-E-UL-700-40K**
Initial Delivered Lumens: 11,367



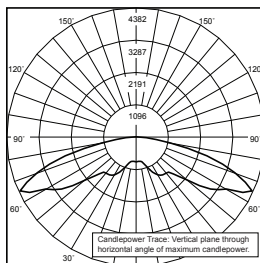
ARE-EDG-4M--06-E-UL-525-40K**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 17,504
Initial FC at grade

Type IV Medium Distribution

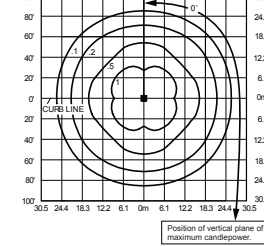
LED Count	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
20	Up to 3,026	B1 U0 G1	Up to 3,290	B1 U0 G1
40	Up to 6,323	B2 U0 G1	Up to 6,873	B2 U0 G1

* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens
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5M



RESTL Test Report #: PL09285-001
ARE-EDG-5M--06-E-UL-700-40K**
Initial Delivered Lumens: 13,136



ARE-EDG-5M--06-E-UL-700-40K**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 13,070
Initial FC at grade

Type V Medium Distribution

LED Count	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
20	Up to 3,518	B2 U0 G1	Up to 3,824	B2 U0 G1
40	Up to 7,351	B3 U0 G1	Up to 7,990	B3 U0 G1

* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens
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