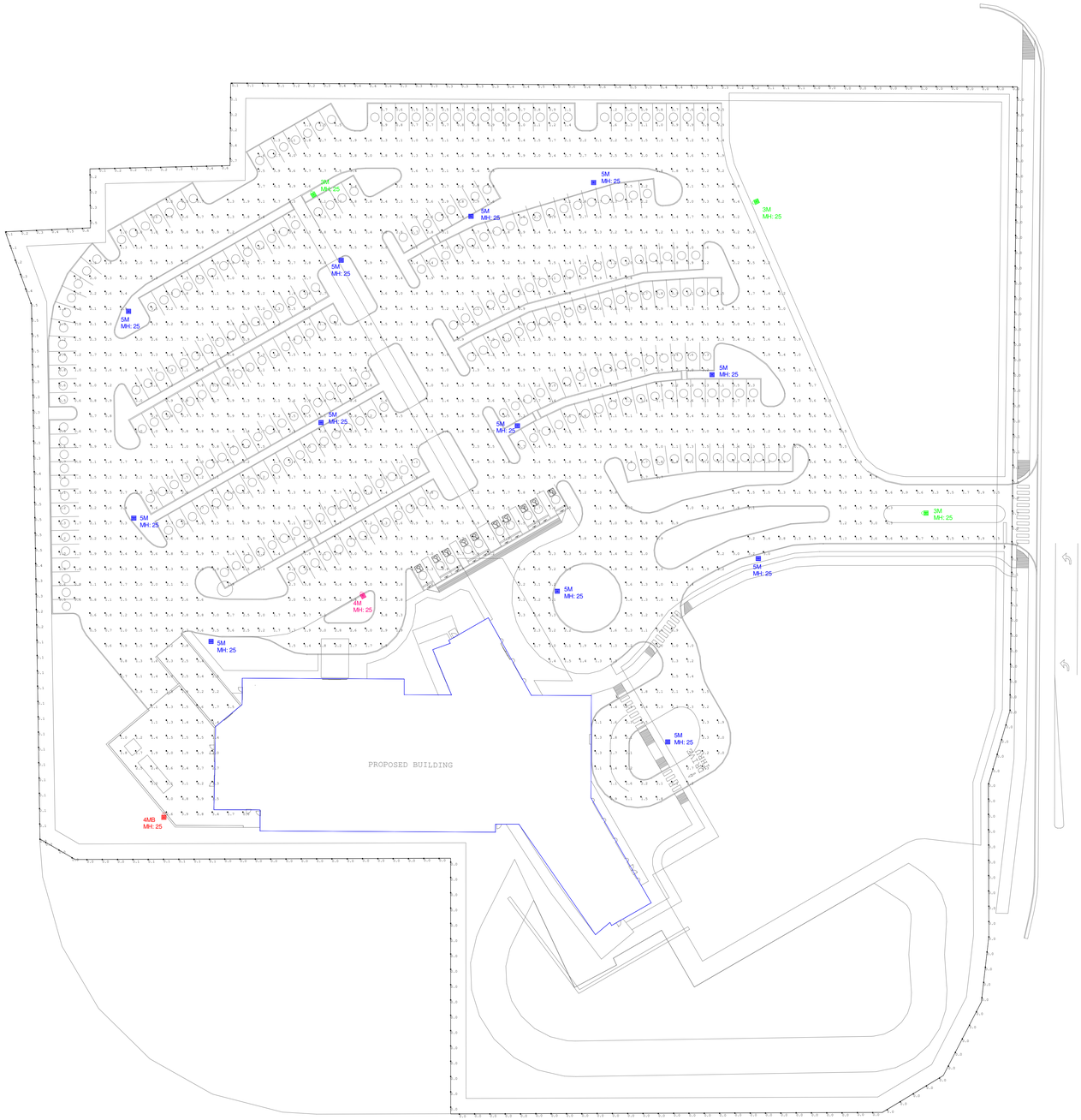
Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Lumens/Lamp	LLF	Total Watts	Description
	3	3M	SINGLE	23101	0.960	789	ARE-EDG-3M-R3-16-E-UL-BZ-525
	1	4M	SINGLE	24367	0.960	263	ARE-EDG-4M-R3-16-E-UL-BZ-525
	1	4MB	SINGLE	18354	0.960	263	ARE-EDG-4MB-R3-16-E-UL-BZ-525
	12	5M	SINGLE	25632	0.960	3156	ARE-EDG-5M-R3-16-E-UL-BZ-525

Footcandles calculated using predicted lumen values after 50K hours of operation					
Label	Avg	Max	Min	Avg/Min	Max/Min
Parking Lot	1.82	5.3	0.5	3.64	10.60
Property Line	0.13	0.7	0.0	N.A.	N.A.

Pole Schedule
(17) PS4S22CTBZ (22' X 4" X .125" STEEL SQUARE POLE)

Additional Equipment Required
(17) PB-1A4 (Tenon)

*** CUSTOMER TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER ***



0 | 80 | 160

CREE™

1200 92nd Street - Sturtevant, WI 53177
www.cree.com - (800) 236-6800

Project Name: Riverview Health Parking Lot - Westfield, IN | SR-11284
Date:3/11/2016 | Scale: 1"=40' | Footcandles calculated at grade
Filename: 160113CS1CISR2.AGI | Layout by: Chris Schlitz

Illumination results shown on this lighting design are based on project parameters provided to Cree, Inc. used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying dimensional accuracy along with compliance with any applicable electrical, lighting, or energy code.

Cree Edge™ Series

LED Area/Flood Luminaire

Product Description

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, Direct Arm, Direct Arm Long, or Side Arm (details on page 2). Includes a leaf/debris guard.
Applications: Parking lots, walkways, campuses, car dealerships, office complexes, and internal roadways

Performance Summary

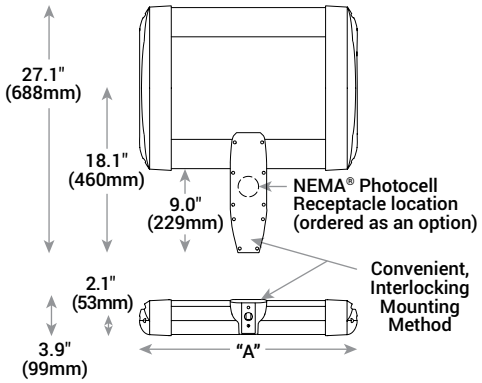
- Patented NanoOptic® Product Technology
- Made in the U.S.A. of U.S. and imported parts
- **CRI:** Minimum 70 CRI
- **CCT:** 4000K (+/- 300K), 5700K (+/- 500K) standard
- **Limited Warranty†:** 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

† See www.cree.com/lighting/products/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	**Backlight Control Shields** XA-20BLS-4 - Four-pack - Unpainted stainless steel

DA Mount



LED Count (x10)	Dim. "A"	Weight
02	12.1" (306mm)	21 lbs. (10kg)
04	12.1" (306mm)	24 lbs. (11kg)
06	14.1" (357mm)	27 lbs. (12kg)
08	16.1" (408mm)	28 lbs. (13kg)
10	18.1" (459mm)	32 lbs. (15kg)
12	20.1" (510mm)	34 lbs. (15kg)
14	22.1" (560mm)	37 lbs. (17kg)
16	24.1" (611mm)	41 lbs. (19kg)

AA/DL/SA Mount - see page 22 for weight & dimensions

Ordering Information

Example: ARE-EDG-2M-AA-12-E-UL-SV-350

					E				
Product	**Optic**	**Mounting***	**LED Count (x10)**	**Series**	**Voltage**	**Color Options**	**Drive Current**	**Options**
ARE-EDG	**2M** Type II Medium **2MB** Type II Medium w/BLS **2MP** Type II Medium w/ Partial BLS **3M** Type III Medium **3MB** Type III Medium w/BLS **3MP** Type III Medium w/Partial BLS **4M** Type IV Medium **4MB** Type IV Medium w/BLS **4MP** Type IV Medium w/Partial BLS **5M** Type V Medium **5S** Type V Short	**AA** Adjustable Arm **DA** Direct Arm **DL** Direct Long Arm **SA** Side Arm - Available with 20-60 LEDs	**02** **04** **06** **08** **10** **12** **14** **16**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**350** 350mA **525** 525mA **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 **HL Hi/Low (Dual Circuit Input)** - Refer to HL spec sheet for details - Sensor not included **ML Multi-Level** - Refer to ML spec sheet for details - Intended for downlight applications at 0° tilt **P Photocell** - Refer to ML spec sheet for availability with ML options - Available with UL voltage only **PML Programmable Multi-Level, 20-40' Mounting Height** - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt **PML2 Programmable Multi-Level, 10-30' Mounting Height** - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt **R NEMA® Photocell Receptacle** - Intended for downlight applications with maximum 45° tilt - Photocell by others - Refer to ML spec sheet for availability with ML options **40K 4000K Color Temperature** - Minimum 70 CRI - Color temperature per luminaire
FLD-EDG	**25** 25° Flood **40** 40° Flood **70** 70° Flood **SN** Sign **N6** NEMA® 6							

* Reference EPA and pole configuration suitability data beginning on page 19
NOTE: Price adder may apply depending on configuration

US: www.cree.com/lighting T (800) 236-6800 F (262) 504-5415
Canada: www.cree.com/canada T (800) 473-1234 F (800) 890-7507

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile, minimizing wind load requirements
- Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartment and high performance heat sinks
- DA and DL 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 and SA mounts are rugged die cast aluminum and mount 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. Black, bronze, silver, and white are available
- **Weight:** See Dimensions and Weight Charts on pages 1 and 22

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
- DA and DL mounts designed with integral weathertight electrical box with terminal strips (12Ga–20Ga) for easy power hookup
- Integral 10kV surge suppression protection standard
- To address inrush current, slow blow fuse or type C/D breaker should be used
- **Maximium 10V Source Current:** 20 LED (350mA): 10mA; 20 LED (525 & 700mA) and 40-80 LED: 0.15mA; 100-160 LED: 0.30mA

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when ordered without P or R options
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards when ordered with AA, DA and DL mounts
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15 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
- DLC qualified. Exceptions apply when ordered with full backlight control or 3MP optic with 20 LEDs. Please refer to www.designlights.org/QPL 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
14	158	1.32	0.77	0.68	0.62	0.47	0.35
16	179	1.49	0.87	0.77	0.68	0.53	0.39
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
10	171	1.43	0.83	0.74	0.66	0.50	0.38
12	202	1.69	0.98	0.86	0.77	0.59	0.44
14	232	1.94	1.12	0.98	0.87	0.68	0.50
16	263	2.21	1.27	1.11	0.97	0.77	0.56
700mA							
02	50	0.41	0.25	0.22	0.20	0.15	0.12
04	93	0.78	0.46	0.40	0.36	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). Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

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

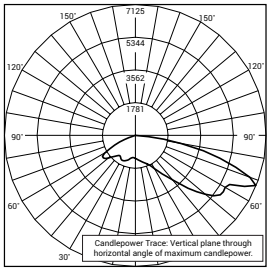
Ambient	Initial LMF	25K hr Projected[2] LMF	50K hr Projected[2] LMF	75K hr Calculated[3] LMF	100K hr Calculated[3] LMF
5˚C (41˚F)	1.04	0.99	0.97	0.95	0.93
10˚C (50˚F)	1.03	0.98	0.96	0.94	0.92
15˚C (59˚F)	1.02	0.97	0.95	0.93	0.91
20˚C (68˚F)	1.01	0.96	0.94	0.92	0.90
25˚C (77˚F)	1.00	0.95	0.93	0.91	0.89

[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)

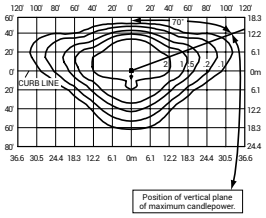
Photometry

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: www.cree.com/Lighting/Tools-and-Support/Exterior-IES-Configuration-Tool

2M



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



ARE-EDG-2M-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 17,710
Initial FC at grade

Type II Medium Distribution				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	2,138	B1 U0 G1	2,220	B1 U0 G1
04	4,276	B1 U0 G1	4,440	B1 U0 G1
06	6,340	B2 U0 G1	6,584	B2 U0 G2
08	8,454	B2 U0 G2	8,779	B2 U0 G2
10	10,542	B2 U0 G2	10,947	B2 U0 G2
12	12,650	B2 U0 G2	13,137	B3 U0 G3
14	14,665	B3 U0 G3	15,229	B3 U0 G3
16	16,760	B3 U0 G3	17,405	B3 U0 G3
525mA				
02	2,993	B1 U0 G1	3,108	B1 U0 G1
04	5,986	B2 U0 G1	6,216	B2 U0 G1
06	8,876	B2 U0 G2	9,218	B2 U0 G2
08	11,835	B2 U0 G2	12,290	B2 U0 G2
10	14,759	B3 U0 G3	15,326	B3 U0 G3
12	17,710	B3 U0 G3	18,391	B3 U0 G3
14	20,531	B3 U0 G3	21,321	B3 U0 G3
16	23,464	B3 U0 G3	24,367	B3 U0 G3
700mA				
02	3,656	B1 U0 G1	3,796	B1 U0 G1
04	7,311	B2 U0 G2	7,593	B2 U0 G2
06	10,842	B2 U0 G2	11,259	B2 U0 G2

* 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

Photometry

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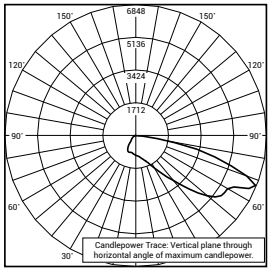
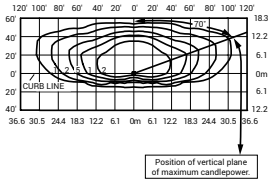
2MB



CSA Test Report #: 6447
ARE-EDG-2MB-**-06-E-UL-700-40K
Initial Delivered Lumens: 7,953



ARE-EDG-2MB-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 13,340
Initial FC at grade

Type II Medium Distribution w/BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,610	B0 U0 G1	1,672	B0 U0 G1
04	3,221	B0 U0 G1	3,345	B0 U0 G1
06	4,776	B1 U0 G1	4,959	B1 U0 G1
08	6,368	B1 U0 G1	6,613	B1 U0 G2
10	7,941	B1 U0 G2	8,246	B1 U0 G2
12	9,529	B1 U0 G2	9,895	B1 U0 G2
14	11,046	B1 U0 G2	11,471	B1 U0 G2
16	12,624	B1 U0 G2	13,110	B1 U0 G2
525mA				
02	2,254	B0 U0 G1	2,341	B0 U0 G1
04	4,509	B1 U0 G1	4,682	B1 U0 G1
06	6,686	B1 U0 G2	6,943	B1 U0 G2
08	8,915	B1 U0 G2	9,258	B1 U0 G2
10	11,117	B1 U0 G2	11,544	B1 U0 G2
12	13,340	B1 U0 G2	13,853	B1 U0 G2
14	15,465	B2 U0 G2	16,060	B2 U0 G3
16	17,674	B2 U0 G3	18,354	B2 U0 G3
700mA				
02	2,754	B0 U0 G1	2,860	B0 U0 G1
04	5,507	B1 U0 G1	5,719	B1 U0 G1
06	8,167	B1 U0 G2	8,481	B1 U0 G2

* 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

Photometry

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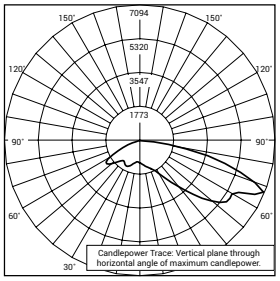
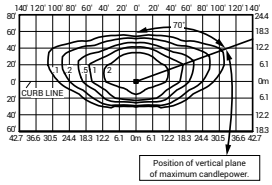
2MP



CSA Test Report #: 6361
ARE-EDG-2MP-**-06-E-UL-700-40K
Initial Delivered Lumens: 9,912



ARE-EDG-2MP-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 15,640
Initial FC at grade

Type II Medium Distribution w/Partial BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,888	B1 U0 G1	1,961	B1 U0 G1
04	3,776	B1 U0 G1	3,921	B1 U0 G1
06	5,599	B1 U0 G1	5,815	B1 U0 G1
08	7,466	B2 U0 G2	7,753	B2 U0 G2
10	9,310	B2 U0 G2	9,668	B2 U0 G2
12	11,172	B2 U0 G2	11,601	B2 U0 G2
14	12,951	B2 U0 G2	13,449	B2 U0 G2
16	14,801	B2 U0 G2	15,370	B2 U0 G3
525mA				
02	2,643	B1 U0 G1	2,745	B1 U0 G1
04	5,286	B1 U0 G1	5,490	B1 U0 G1
06	7,839	B2 U0 G2	8,140	B2 U0 G2
08	10,452	B2 U0 G2	10,854	B2 U0 G2
10	13,034	B2 U0 G2	13,535	B2 U0 G2
12	15,640	B2 U0 G3	16,242	B3 U0 G3
14	18,131	B3 U0 G3	18,829	B3 U0 G3
16	20,722	B3 U0 G3	21,519	B3 U0 G3
700mA				
02	3,228	B1 U0 G1	3,353	B1 U0 G1
04	6,457	B2 U0 G1	6,705	B2 U0 G1
06	9,575	B2 U0 G2	9,943	B2 U0 G2

* 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

Photometry

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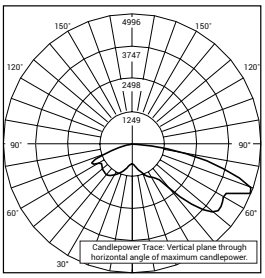
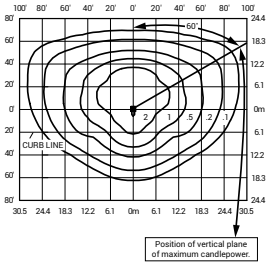
3M



CSA Test Report #: 6401
ARE-EDG-3M-**-06-E-UL-700-40K
Initial Delivered Lumens: 10,657



ARE-EDG-3M-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 16,790
Initial FC at grade

Type III Medium Distribution				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	2,027	B1 U0 G1	2,105	B1 U0 G1
04	4,054	B1 U0 G1	4,209	B1 U0 G1
06	6,011	B2 U0 G2	6,242	B2 U0 G2
08	8,015	B2 U0 G2	8,323	B2 U0 G2
10	9,994	B3 U0 G3	10,379	B3 U0 G3
12	11,993	B3 U0 G3	12,454	B3 U0 G3
14	13,903	B3 U0 G3	14,438	B3 U0 G3
16	15,889	B3 U0 G3	16,501	B3 U0 G3
525mA				
02	2,837	B1 U0 G1	2,947	B1 U0 G1
04	5,675	B2 U0 G2	5,893	B2 U0 G2
06	8,415	B2 U0 G2	8,739	B2 U0 G2
08	11,220	B3 U0 G3	11,652	B3 U0 G3
10	13,992	B3 U0 G3	14,530	B3 U0 G3
12	16,790	B3 U0 G3	17,436	B3 U0 G3
14	19,465	B3 U0 G3	20,213	B3 U0 G3
16	22,245	B3 U0 G3	23,101	B3 U0 G3
700mA				
02	3,466	B1 U0 G1	3,599	B1 U0 G1
04	6,932	B2 U0 G2	7,198	B2 U0 G2
06	10,279	B3 U0 G3	10,674	B3 U0 G3

* 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

Photometry

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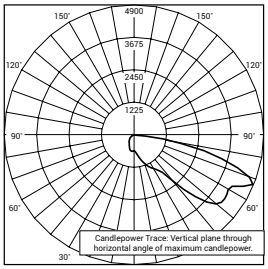
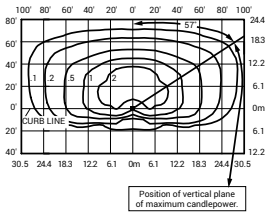
3MB



CSA Test Report #: 6448
ARE-EDG-3MB-**-06-E-UL-700
Initial Delivered Lumens: 7,740



ARE-EDG-3MB-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 12,420
Initial FC at grade

Type III Medium Distribution w/BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,499	B1 U0 G1	1,557	B1 U0 G1
04	2,999	B1 U0 G1	3,114	B1 U0 G1
06	4,446	B1 U0 G1	4,617	B1 U0 G1
08	5,929	B1 U0 G2	6,157	B1 U0 G2
10	7,393	B1 U0 G2	7,677	B1 U0 G2
12	8,872	B1 U0 G2	9,213	B1 U0 G2
14	10,285	B1 U0 G2	10,680	B1 U0 G2
16	11,754	B1 U0 G3	12,206	B1 U0 G3
525mA				
02	2,099	B1 U0 G1	2,180	B1 U0 G1
04	4,198	B1 U0 G1	4,359	B1 U0 G1
06	6,225	B1 U0 G2	6,464	B1 U0 G2
08	8,300	B1 U0 G2	8,619	B1 U0 G2
10	10,350	B1 U0 G2	10,748	B1 U0 G2
12	12,420	B1 U0 G3	12,898	B1 U0 G3
14	14,398	B1 U0 G3	14,952	B2 U0 G3
16	16,455	B2 U0 G3	17,088	B2 U0 G3
700mA				
02	2,564	B1 U0 G1	2,662	B1 U0 G1
04	5,127	B1 U0 G2	5,325	B1 U0 G2
06	7,603	B1 U0 G2	7,896	B1 U0 G2

* 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

Photometry

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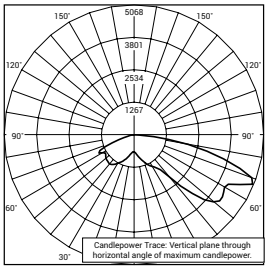
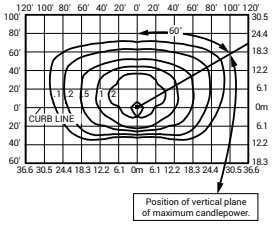
3MP



CSA Test Report #: 6385
ARE-EDG-3MP-**-06-E-UL-700-40K
Initial Delivered Lumens: 9,619



ARE-EDG-3MP-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 14,720
Initial FC at grade

Type III Medium Distribution w/Partial BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,777	B1 U0 G1	1,845	B1 U0 G1
04	3,554	B1 U0 G1	3,690	B1 U0 G1
06	5,270	B1 U0 G2	5,473	B1 U0 G2
08	7,026	B2 U0 G2	7,297	B2 U0 G2
10	8,762	B2 U0 G2	9,099	B2 U0 G2
12	10,514	B2 U0 G3	10,919	B2 U0 G3
14	12,189	B2 U0 G3	12,658	B2 U0 G3
16	13,930	B3 U0 G3	14,466	B3 U0 G3
525mA				
02	2,488	B1 U0 G1	2,583	B1 U0 G1
04	4,975	B1 U0 G2	5,167	B1 U0 G2
06	7,378	B2 U0 G2	7,662	B2 U0 G2
08	9,837	B2 U0 G2	10,215	B2 U0 G2
10	12,267	B2 U0 G3	12,739	B2 U0 G3
12	14,720	B3 U0 G3	15,286	B3 U0 G3
14	17,065	B3 U0 G3	17,721	B3 U0 G3
16	19,503	B3 U0 G3	20,253	B3 U0 G3
700mA				
02	3,039	B1 U0 G1	3,155	B1 U0 G1
04	6,077	B1 U0 G2	6,311	B1 U0 G2
06	9,011	B2 U0 G2	9,358	B2 U0 G2

* 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

Photometry

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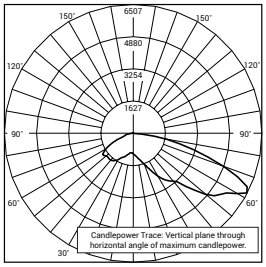
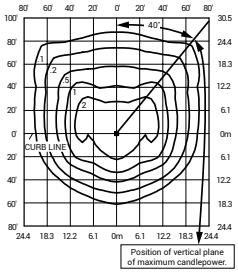
4M



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



ARE-EDG-4M-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 17,710
Initial FC at grade

Type IV Medium Distribution				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	2,138	B1 U0 G1	2,220	B1 U0 G1
04	4,276	B1 U0 G1	4,440	B1 U0 G1
06	6,340	B2 U0 G2	6,584	B2 U0 G2
08	8,454	B2 U0 G2	8,779	B2 U0 G2
10	10,542	B2 U0 G2	10,947	B2 U0 G2
12	12,650	B3 U0 G3	13,137	B3 U0 G3
14	14,665	B3 U0 G3	15,229	B3 U0 G3
16	16,760	B3 U0 G3	17,405	B3 U0 G3
525mA				
02	2,993	B1 U0 G1	3,108	B1 U0 G1
04	5,986	B2 U0 G1	6,216	B2 U0 G2
06	8,876	B2 U0 G2	9,218	B2 U0 G2
08	11,835	B2 U0 G2	12,290	B3 U0 G3
10	14,759	B3 U0 G3	15,326	B3 U0 G3
12	17,710	B3 U0 G3	18,391	B3 U0 G3
14	20,531	B3 U0 G3	21,321	B3 U0 G3
16	23,464	B3 U0 G3	24,367	B4 U0 G3
700mA				
02	3,656	B1 U0 G1	3,796	B1 U0 G1
04	7,311	B2 U0 G2	7,593	B2 U0 G2
06	10,842	B2 U0 G2	11,259	B2 U0 G2

* 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

Photometry

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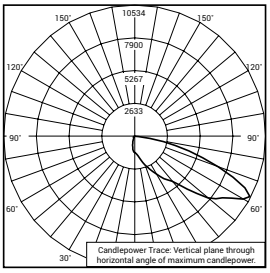
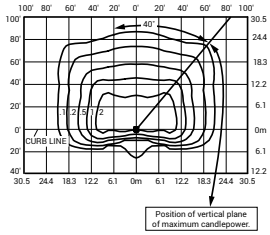
4MB



CSA Test Report #: 6449
ARE-EDG-4MB-**-12-E-UL-525-40K
Initial Delivered Lumens: 13,155



ARE-EDG-4MB-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 13,340
Initial FC at grade

Type IV Medium Distribution w/BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,610	B0 U0 G1	1,672	B0 U0 G1
04	3,221	B1 U0 G1	3,345	B1 U0 G1
06	4,776	B1 U0 G1	4,959	B1 U0 G1
08	6,368	B1 U0 G2	6,613	B1 U0 G2
10	7,941	B1 U0 G2	8,246	B1 U0 G2
12	9,529	B1 U0 G2	9,895	B1 U0 G2
14	11,046	B1 U0 G2	11,471	B1 U0 G2
16	12,624	B1 U0 G2	13,110	B1 U0 G2
525mA				
02	2,254	B0 U0 G1	2,341	B0 U0 G1
04	4,509	B1 U0 G1	4,682	B1 U0 G1
06	6,686	B1 U0 G2	6,943	B1 U0 G2
08	8,915	B1 U0 G2	9,258	B1 U0 G2
10	11,117	B1 U0 G2	11,544	B1 U0 G2
12	13,340	B1 U0 G2	13,853	B2 U0 G2
14	15,465	B2 U0 G2	16,060	B2 U0 G3
16	17,674	B2 U0 G3	18,354	B2 U0 G3
700mA				
02	2,754	B0 U0 G1	2,860	B0 U0 G1
04	5,507	B1 U0 G1	5,719	B1 U0 G2
06	8,167	B1 U0 G2	8,481	B1 U0 G2

* 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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Photometry

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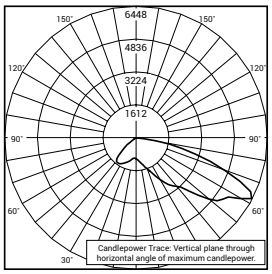
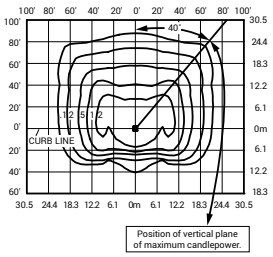
4MP



CSA Test Report #: 6417
ARE-EDG-4MP-**-06-E-UL-700-40K
Initial Delivered Lumens: 9,989



ARE-EDG-4MP-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 15,640
Initial FC at grade

Type IV Medium Distribution w/Partial BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,888	B1 U0 G1	1,961	B1 U0 G1
04	3,776	B1 U0 G1	3,921	B1 U0 G1
06	5,599	B1 U0 G1	5,815	B1 U0 G1
08	7,466	B2 U0 G2	7,753	B2 U0 G2
10	9,310	B2 U0 G2	9,668	B2 U0 G2
12	11,172	B2 U0 G2	11,601	B2 U0 G2
14	12,951	B2 U0 G2	13,449	B2 U0 G2
16	14,801	B3 U0 G2	15,370	B3 U0 G2
525mA				
02	2,643	B1 U0 G1	2,745	B1 U0 G1
04	5,286	B1 U0 G1	5,490	B1 U0 G1
06	7,839	B2 U0 G2	8,140	B2 U0 G2
08	10,452	B2 U0 G2	10,854	B2 U0 G2
10	13,034	B2 U0 G2	13,535	B2 U0 G2
12	15,640	B3 U0 G2	16,242	B3 U0 G2
14	18,131	B3 U0 G2	18,829	B3 U0 G3
16	20,722	B3 U0 G3	21,519	B3 U0 G3
700mA				
02	3,228	B1 U0 G1	3,353	B1 U0 G1
04	6,457	B2 U0 G1	6,705	B2 U0 G1
06	9,575	B2 U0 G2	9,943	B2 U0 G2

* 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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Photometry

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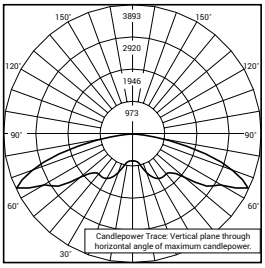
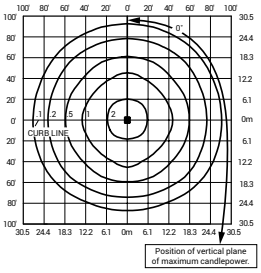
5M



CSA Test Report #: 6416
ARE-EDG-5M-**-06-E-UL-700-40K
Initial Delivered Lumens: 12,022



ARE-EDG-5M-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 18,630
Initial FC at grade

Type V Medium Distribution				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	2,249	B2 U0 G1	2,335	B2 U0 G1
04	4,498	B3 U0 G1	4,671	B3 U0 G1
06	6,670	B3 U0 G2	6,926	B3 U0 G2
08	8,893	B3 U0 G2	9,235	B3 U0 G2
10	11,089	B4 U0 G2	11,516	B4 U0 G2
12	13,307	B4 U0 G3	13,819	B4 U0 G3
14	15,427	B4 U0 G3	16,020	B4 U0 G3
16	17,631	B4 U0 G3	18,309	B4 U0 G3
525mA				
02	3,148	B2 U0 G1	3,270	B2 U0 G1
04	6,297	B3 U0 G2	6,539	B3 U0 G2
06	9,338	B3 U0 G2	9,697	B3 U0 G2
08	12,450	B4 U0 G3	12,929	B4 U0 G3
10	15,525	B4 U0 G3	16,122	B4 U0 G3
12	18,630	B4 U0 G3	19,347	B4 U0 G3
14	21,598	B5 U0 G3	22,428	B5 U0 G3
16	24,683	B5 U0 G3	25,632	B5 U0 G3
700mA				
02	3,846	B2 U0 G1	3,994	B2 U0 G1
04	7,691	B3 U0 G2	7,987	B3 U0 G2
06	11,405	B4 U0 G2	11,844	B4 U0 G3

* 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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Photometry

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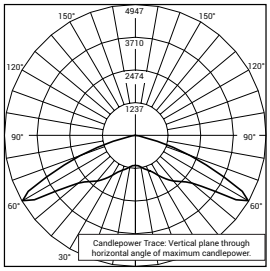
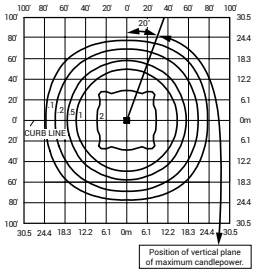
5S



CSA Test Report #: 6362
ARE-EDG-5S-**-06-E-UL-700-40K
Initial Delivered Lumens: 12,798



ARE-EDG-5S-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 20,700
Initial FC at grade

Type V Short Distribution				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	2,499	B1 U0 G0	2,595	B1 U0 G1
04	4,998	B2 U0 G1	5,190	B2 U0 G1
06	7,411	B3 U0 G1	7,696	B3 U0 G1
08	9,881	B3 U0 G2	10,261	B3 U0 G2
10	12,322	B3 U0 G2	12,796	B3 U0 G2
12	14,786	B4 U0 G2	15,355	B4 U0 G2
14	17,141	B4 U0 G2	17,800	B4 U0 G2
16	19,590	B4 U0 G2	20,343	B4 U0 G2
525mA				
02	3,498	B2 U0 G1	3,633	B2 U0 G1
04	6,997	B3 U0 G1	7,266	B3 U0 G1
06	10,375	B3 U0 G2	10,774	B3 U0 G2
08	13,833	B4 U0 G2	14,365	B4 U0 G2
10	17,250	B4 U0 G2	17,914	B4 U0 G2
12	20,700	B4 U0 G2	21,496	B4 U0 G2
14	23,997	B4 U0 G2	24,920	B4 U0 G2
16	27,426	B5 U0 G3	28,480	B5 U0 G3
700mA				
02	4,273	B2 U0 G1	4,437	B2 U0 G1
04	8,546	B3 U0 G1	8,874	B3 U0 G1
06	12,672	B3 U0 G2	13,160	B3 U0 G2

* 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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Photometry

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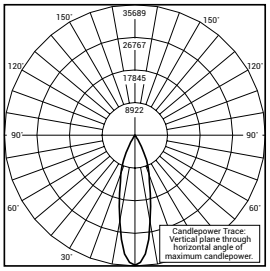
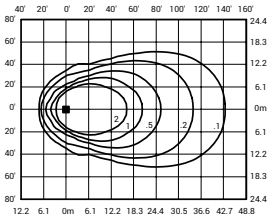
25˚



RESTL Test Report #: 2014-0006
FLD-EDG-25-**-06-E-UL-700-40K
Initial Delivered Lumens: 12,924



FLD-EDG-25-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G., 60˚ Tilt
Initial Delivered Lumens: 21,160
Initial FC at grade

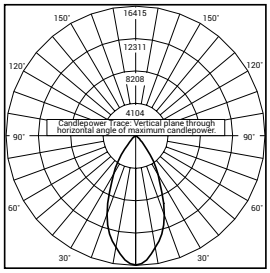
25˚ Flood Distribution		
LED Count (x10)	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA		
02	2,554	2,653
04	5,109	5,305
06	7,575	7,867
08	10,101	10,489
10	12,595	13,080
12	15,115	15,696
14	17,522	18,196
16	20,025	20,795
525mA		
02	3,576	3,714
04	7,152	7,427
06	10,606	11,013
08	14,141	14,685
10	17,634	18,312
12	21,160	21,974
14	24,531	25,474
16	28,035	29,113
700mA		
02	4,368	4,536
04	8,736	9,072
06	12,954	13,452

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

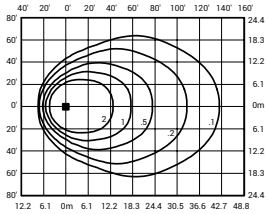
Photometry

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: www.cree.com/Lighting/Tools-and-Support/Exterior-IES-Configuration-Tool

40˚



ITL Test Report #: 79679
CAN-EDG-40-**-06-E-UL-700-40K
Initial Delivered Lumens: 12,889



FLD-EDG-40-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G., 60˚ Tilt
Initial Delivered Lumens: 20,700
Initial FC at grade

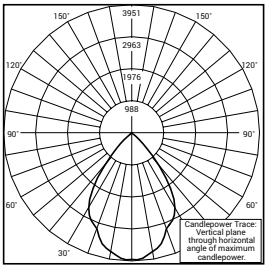
40˚ Flood Distribution		
LED Count (x10)	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA		
02	2,499	2,595
04	4,998	5,190
06	7,411	7,696
08	9,881	10,261
10	12,322	12,796
12	14,786	15,355
14	17,141	17,800
16	19,590	20,343
525mA		
02	3,498	3,633
04	6,997	7,266
06	10,375	10,774
08	13,833	14,365
10	17,250	17,914
12	20,700	21,496
14	23,997	24,920
16	27,426	28,480
700mA		
02	4,273	4,437
04	8,546	8,874
06	12,672	13,160

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

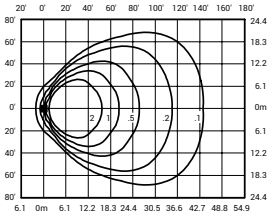
Photometry

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: www.cree.com/Lighting/Tools-and-Support/Exterior-IES-Configuration-Tool

70˚



RESTL Test Report #: 2014-0007
FLD-EDG-70-**-04-E-UL-350-40K
Initial Delivered Lumens: 4,734



FLD-EDG-70-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G., 60˚ Tilt
Initial Delivered Lumens: 18,860
Initial FC at grade

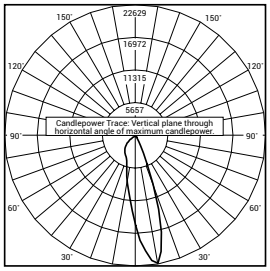
70˚ Flood Distribution		
LED Count (x10)	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA		
02	2,277	2,364
04	4,553	4,728
06	6,752	7,012
08	9,003	9,349
10	11,226	11,658
12	13,472	13,990
14	15,617	16,218
16	17,848	18,535
525mA		
02	3,187	3,310
04	6,375	6,620
06	9,453	9,816
08	12,604	13,088
10	15,717	16,321
12	18,860	19,586
14	21,864	22,705
16	24,988	25,949
700mA		
02	3,893	4,043
04	7,786	8,086
06	11,546	11,990

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

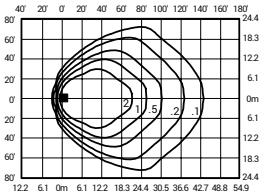
Photometry

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: www.cree.com/Lighting/Tools-and-Support/Exterior-IES-Configuration-Tool

SN



RESTL Test Report #: 2014-0013
FLD-EDG-SN-**-06-E-UL-700-40K
Initial Delivered Lumens: 11,885



FLD-EDG-SN-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 19,090
Initial FC at grade

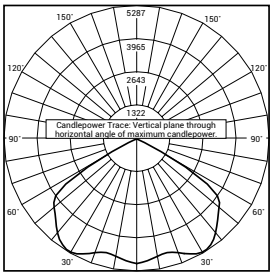
SN Flood Distribution		
LED Count (x10)	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA		
02	2,304	2,393
04	4,609	4,786
06	6,834	7,097
08	9,112	9,463
10	11,363	11,800
12	13,636	14,160
14	15,808	16,416
16	18,066	18,761
525mA		
02	3,226	3,350
04	6,452	6,701
06	9,568	9,936
08	12,757	13,248
10	15,909	16,520
12	19,090	19,825
14	22,131	22,982
16	25,293	26,265
700mA		
02	3,941	4,092
04	7,881	8,184
06	11,687	12,136

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

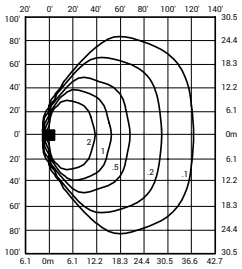
Photometry

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: www.cree.com/Lighting/Tools-and-Support/Exterior-IES-Configuration-Tool

N6



RESTL Test Report #: 2014-0014
FLD-EDG-N6-**-06-E-UL-700-40K
Initial Delivered Lumens: 13,253



FLD-EDG-N6-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 21,160
Initial FC at grade

NEMA® 6 Flood Distribution		
LED Count (x10)	4000K	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA		
02	2,554	2,653
04	5,109	5,305
06	7,575	7,867
08	10,101	10,489
10	12,595	13,080
12	15,115	15,696
14	17,522	18,196
16	20,025	20,795
525mA		
02	3,576	3,714
04	7,152	7,427
06	10,606	11,013
08	14,141	14,685
10	17,634	18,312
12	21,160	21,974
14	24,531	25,474
16	28,035	29,113
700mA		
02	4,368	4,536
04	8,736	9,072
06	12,954	13,452

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

Luminaire EPA

Fixed Arm Mount – ARE-EDG-DA						
LED Count (x10)	Single	2 @ 90˚	2 @ 180˚	3 @ 90˚	3 @ 120˚	4 @ 90˚
02	0.60	0.87	1.20	1.47	1.47	1.75
04	0.60	0.87	1.20	1.47	1.47	1.75
06	0.60	0.92	1.20	1.51	1.51	1.83
08	0.60	0.96 N/A with 3" poles	1.20	1.55 N/A with 3" poles	1.55	1.91 N/A with 3" poles
10	0.60	1.00 N/A with 3" poles	1.20	1.60 N/A with 3" poles	1.60	2.00 N/A with 3" poles
12	0.60	1.04 N/A with 3" poles	1.20	1.64 N/A with 3" poles	1.64	2.08 N/A with 3" poles
14	0.60	1.08 N/A with 3" or 4" poles	1.20	1.68 N/A with 3" or 4" poles	1.68	2.16 N/A with 3" or 4" poles
16	0.60	1.12 N/A with 3" or 4" poles	1.20	1.72 N/A with 3" or 4" poles	1.72	2.24 N/A with 3" or 4" poles
Fixed Arm Mount – ARE-EDG-DL						
02	0.75	1.02	1.50	1.77	1.77	1.91
04	0.75	1.02	1.50	1.77	1.77	1.91
06	0.75	1.07	1.50	1.82	1.82	1.98
08	0.75	1.11	1.50	1.86	1.86	2.04
10	0.75	1.15	1.50	1.90	1.90	2.10
12	0.75	1.19	1.50	1.94	1.94	2.16
14	0.75	1.23	1.50	1.98	1.98	2.22
16	0.75	1.27	1.50	2.02	2.02	2.28

Adjustable Arm Mount – ARE-EDG-AA/FLD-EDG-AA/SA									
LED Count (x10)	Single	2 @ 90˚	2 @ 180˚	In-Line 2 @ 180˚	3 @ 90˚	3 @ 120˚	In-Line 3 @ 180˚	4 @ 90˚	In-Line 4 @ 180˚
Tenon Configuration If used with Cree tenons, please add tenon EPA with Luminaire EPA									
	Vertical: PB-1A*; PT-1; PW-1A3** Horizontal: By others	Vertical: PB-2A*; PB-2R2.375; PW-2A3** Horizontal: PD-2A4(90); PT-2(90)	Vertical: PB-2A*; PB-2R2.375; PW-2A3** Horizontal: PD-2A4(180); PT-2(180)	Vertical: PB-2A*; PB-2R2.375	Vertical: PB-3A*; PB-3R2.375 Horizontal: PD-3A4(90); PT-3(90)	Vertical: PB-3A*; PB-3R2.375 Horizontal: PT-3(120)	Vertical: PB-3A*; PB-3R2.375	Vertical: PB-4A*(90); PB-4R2.375 Horizontal: PD-4A4(90) PT-4(90)	Vertical: PB-4A*(180); PB-4R2.375
0˚ Tilt									
02	0.66	0.98	1.32	1.32	1.77	1.64	1.98	1.91	2.64
04	0.66	0.98	1.32	1.32	1.64	1.64	1.98	1.97	2.64
06	0.66	1.02	1.32	1.32	1.68	1.68	1.98	2.05	2.64
08	0.66	1.07	1.32	1.32	1.80	1.72	1.98	2.29	2.64
10	0.66	1.11	1.32	1.32	1.76	1.76	1.98	2.21	2.64
12	0.66	1.15	1.32	1.32	1.80	1.80	1.98	2.29	2.64
14	0.66	1.19	1.32	1.32	1.84	1.84	1.98	2.38	2.64
16	0.66	1.23	1.32	N/A	1.89	1.89	N/A	2.46	N/A

* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation
** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

Luminaire EPA

Adjustable Arm Mount – ARE-EDG-AA/FLD-EDG-AA/SA									
LED Count (x10)	Single	2 @ 90˚	2 @ 180˚	In-Line 2 @ 180˚	3 @ 90˚	3 @ 120˚	In-Line 3 @ 180˚	4 @ 90˚	In-Line 4 @ 180˚
Tenon Configuration If used with Cree tenons, please add tenon EPA with Luminaire EPA									
	Vertical: PB-1A*; PT-1; PW-1A3** Horizontal: By others	Vertical: PB-2A*; PB-2R2.375; PW-2A3** Horizontal: PD-2A4(90); PT-2(90)	Vertical: PB-2A*; PB-2R2.375; PW-2A3** Horizontal: PD-2A4(180); PT-2(180)	Vertical: PB-2A*; PB-2R2.375	Vertical: PB-3A*; PB-3R2.375 Horizontal: PD-3A4(90); PT-3(90)	Vertical: PB-3A*; PB-3R2.375 Horizontal: PT-3(120)	Vertical: PB-3A*; PB-3R2.375	Vertical: PB-4A*(90); PB-4R2.375 Horizontal: PD-4A4(90) PT-4(90)	Vertical: PB-4A*(180); PB-4R2.375
30˚ Tilt									
02	0.71	1.37	1.42	1.42	2.08	2.08	2.13	2.73	2.84
04	0.71	1.37	1.42	1.42	2.08	2.08	2.13	2.73	2.84
06	0.82	1.48	1.64	1.64	2.30	2.30	2.46	2.95	3.28
08	0.93	1.59	1.86	1.86	2.52	2.52	2.79	3.17	3.72
10	1.04	1.70	2.08	2.08	2.74	2.74	3.12	3.40	4.16
12	1.15	1.81	2.30	2.30	2.96	2.96	3.45	3.62	4.60
14	1.26	1.92	2.52	2.52	3.18	3.18	3.78	3.84	5.04
16	1.37	2.03	2.74	N/A	3.40	3.40	N/A	4.06	N/A
45˚ Tilt									
02	0.89	1.55	1.78	1.78	2.45	2.45	2.67	3.10	3.56
04	0.89	1.55	1.78	1.78	2.45	2.45	2.67	3.10	3.56
06	1.03	1.69	2.06	2.06	2.72	2.72	3.09	3.38	4.12
08	1.17	1.83	2.34	2.34	3.00	3.00	3.51	3.66	4.68
10	1.31	1.97	2.62	2.62	3.28	3.28	3.93	3.94	5.24
12	1.45	2.11	2.90	2.90	3.56	3.56	4.35	4.21	5.80
14	1.59	2.25	3.18	3.18	3.83	3.83	4.77	4.49	6.36
16	1.73	2.38	3.46	N/A	4.11	4.11	N/A	4.77	N/A
60˚ Tilt									
02	1.20	1.86	2.40	2.40	3.06	3.06	3.60	3.72	4.80
04	1.20	1.86	2.40	2.40	3.06	3.06	3.60	3.72	4.80
06	1.39	2.05	2.78	2.78	3.44	3.44	4.17	4.10	5.56
08	1.58	2.23	3.16	3.16	3.81	3.81	4.74	4.47	6.32
10	1.77	2.42	3.54	3.54	4.19	4.19	5.31	4.84	7.08
12	1.95	2.61	3.90	3.90	4.56	4.56	5.85	5.22	7.80
14	2.14	2.80	4.28	4.28	4.94	4.94	6.42	5.59	8.56
16	2.33	2.98	4.66	N/A	5.31	5.31	N/A	5.97	N/A

* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation
** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

Luminaire EPA

Adjustable Arm Mount – ARE-EDG-AA/FLD-EDG-AA/SA									
LED Count (x10)	Single	2 @ 90˚	2 @ 180˚	In-Line 2 @ 180˚	3 @ 90˚	3 @ 120˚	In-Line 3 @ 180˚	4 @ 90˚	In-Line 4 @ 180˚
Tenon Configuration If used with Cree tenons, please add tenon EPA with Luminaire EPA									
	Vertical: PB-1A*; PT-1; PW-1A3** Horizontal: By others	Vertical: PB-2A*; PB-2R2.375; PW-2A3** Horizontal: PD-2A4(90); PT-2(90)	Vertical: PB-2A*; PB-2R2.375; PW-2A3** Horizontal: PD-2A4(180); PT-2(180)	Vertical: PB-2A*; PB-2R2.375	Vertical: PB-3A*; PB-3R2.375 Horizontal: PD-3A4(90); PT-3(90)	Vertical: PB-3A*; PB-3R2.375 Horizontal: PT-3(120)	Vertical: PB-3A*; PB-3R2.375	Vertical: PB-4A*(90); PB-4R2.375 Horizontal: PD-4A4(90) PT-4(90)	Vertical: PB-4A*(180); PB-4R2.375
90˚ Tilt									
02	1.85	2.51	3.70	3.64	4.36	4.36	5.55	5.02	7.40
04	1.85	2.51	3.70	3.64	4.36	4.36	5.55	5.02	7.40
06	2.14	2.80	4.28	4.22	4.94	4.94	6.42	5.59	8.56
08	2.43	3.09	4.86	4.78	5.51	5.51	7.29	6.17 N/A with horizontal tenon	9.72
10	2.71	3.37	5.42	5.34	6.08	6.08	8.13	6.74 N/A with horizontal tenon	10.84
12	3.00	3.66	6.00	5.90	6.66	6.66	9.00	7.31 N/A with horizontal tenon	12.00
14	3.29	3.95 N/A with PW-2A3**	6.58	6.48	7.23	7.23	9.87	7.89 N/A with horizontal tenon	13.16
16	3.57	4.23 N/A with PW-2A3**	7.14	N/A	7.81	7.81	N/A	8.46 N/A with horizontal tenon	N/A

* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation
** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

Tenon EPA

Part Number	EPA
PB-1A*	None
PB-2A*	0.82
PB-3A*	1.52
PB-4A*(180)	2.22
PB-4A*(90)	1.11
PB-2R2.375	0.92
PB-3R2.375	1.62
PB-4R2.375	2.32
PD Series Tenons	0.09
PT Series Tenons	0.10
PW-1A3**	0.47
PW-2A3**	0.94
WM-2	0.08
WM-4	0.25
WM-DM	None

* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation
** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

Tenons and Brackets‡ (must specify color)

Square Internal Mount Vertical Tenons (Steel)
- Mounts to 3-6" (76-152mm) square aluminum or steel poles

PB-1A* – Single
PB-2A* – 180˚ Twin
PB-3A* – 180˚ Triple
PB-4A*(90) – 90˚ Quad
PB-4A*(180) – 180˚ Quad

Square Internal Mount Horizontal Tenons (Aluminum)
- Mounts to 4" (102mm) square aluminum or steel poles

PD-2A4(90) – 90˚ Twin
PD-2A4(180) – 180˚ Twin
PD-3A4(90) – 90˚ Triple
PD-4A4(90) – 90˚ Quad

Wall Mount Brackets
- Mounts to wall or roof

WM-2 – Horizontal for AA and SA mounts
WM-4 – L-Shape for AA and SA mounts
WM-DM – Plate for DA and DL mounts

Round External Mount Vertical Tenons (Steel)
- Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons

PB-2R2.375 – Twin
PB-3R2.375 – Triple
PB-4R2.375 – Quad

Round External Mount Horizontal Tenons (Aluminum)
- Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons
- Mounts to square pole with PB-1A* tenon

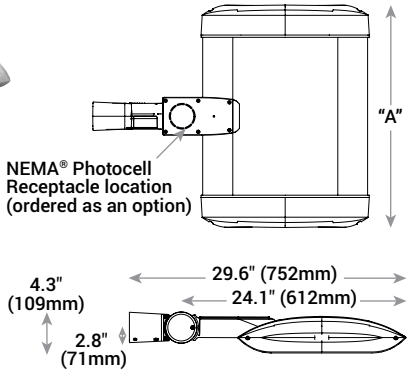
PT-1 – Single (Vertical)
PT-2(90) – 90˚ Twin
PT-2(180) – 180˚ Twin
PT-3(90) – 90˚ Triple
PT-4(90) – 90˚ Quad

Mid-Pole Bracket
- Mounts to square pole

PW-1A3** – Single
PW-2A3** – Double

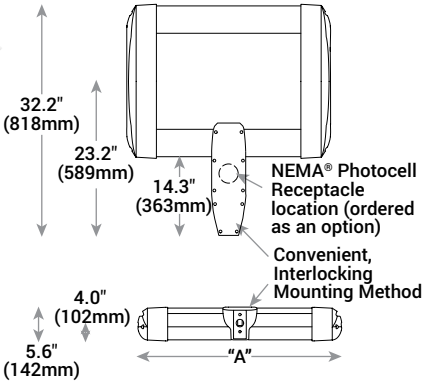
‡ Refer to the Bracket and Tenons spec sheet for more details

AA Mount



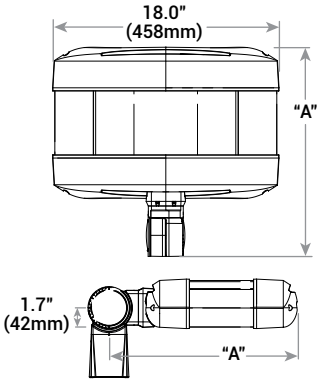
LED Count (x10)	Dim. "A"	Weight
02	12.1" (306mm)	21 lbs. (10kg)
04	12.1" (306mm)	24 lbs. (11kg)
06	14.1" (357mm)	27 lbs. (12kg)
08	16.1" (408mm)	28 lbs. (13kg)
10	18.1" (459mm)	32 lbs. (15kg)
12	20.1" (510mm)	34 lbs. (15kg)
14	22.1" (560mm)	37 lbs. (17kg)
16	24.1" (611mm)	41 lbs. (19kg)

DL Mount



LED Count (x10)	Dim. "A"	Weight
02	12.1" (306mm)	23 lbs. (10kg)
04	12.1" (306mm)	26 lbs. (12kg)
06	14.1" (357mm)	29 lbs. (13kg)
08	16.1" (408mm)	30 lbs. (14kg)
10	18.1" (459mm)	34 lbs. (15kg)
12	20.1" (510mm)	36 lbs. (16kg)
14	22.1" (560mm)	42 lbs. (19kg)
16	24.1" (611mm)	44 lbs. (20kg)

SA Mount



LED Count (x10)	Dim. "A"	Weight
02	16.0" (406mm)	25 lbs. (11kg)
04	18.0" (457mm)	26 lbs. (12kg)
06	20.0" (508mm)	28 lbs. (13kg)

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