

THE EDGE® Series

LED Canopy Luminaire

Rev. Date: V10 09/07/2021

Product Description

THE EDGE® Canopy Luminaire provides a slim, low profile solution for easily mounting below the canopy deck. Built with rugged cast aluminum, integral weathertight LED driver compartment and high performance heat sinks specifically designed for LED applications, this luminaire is available with direct or pendant mount. The Adaptor Plate Kit accessory (XA-CLSB16) is required when mounting to solid surfaces. Includes leaf/debris guard.

Applications: Petroleum canopies, medium-high bay general lighting and soffits

Performance Summary

Patented NanoOptic® Product Technology

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

CRI: Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K); 90 CRI (5000K)

CCT: Turtle Friendly Amber, 3000K (+/- 300K), 4000K (+/- 300K), 5000K (+/- 500K), 5700K (+/- 500K) standard

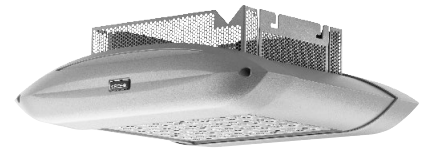
Limited Warranty*: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish/1 year on accessories

*See <http://creelighting.com/warranty> for warranty terms

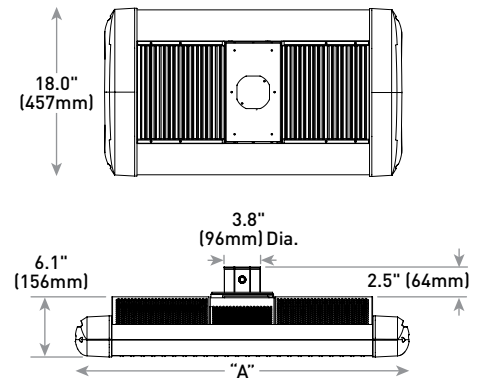
Accessories

Field-Installed	
Backlight Control Shields XA-20BLS-4 - Four-pack - Unpainted stainless steel	Pendant Mount Luminaires Leveler XA-PNDTLVL** - For 0-13° sloped ceilings - Includes leveling bracket and strain relief
Bird Spikes XA-BRDSPK	Conduit Fitting (2-Pack) XA-PSFTG**
Hand-Held Remote XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required	Pendant Mount Kits XA-CL12KIT** - 12" (305mm) XA-CL18KIT** - 18" (457mm) XA-CL22KIT** - 22" (559mm) - Includes coupler, 3/4-14NPT pendant threaded on both ends, and conduit fitting - Pendant height from ceiling surface to bottom of the luminaire; mounting accessories or surface boxes will add to overall height
Direct Mount Luminaires Adaptor Plate Kit XA-CLSB16** - For use when mounting luminaire to solid surfaces	3/4" Hook Adaptor XA-CLHOOK**

** Must specify color



DM Mount



LED Count (x10)	Dim. "A"	Weight
04	16.1" (408mm)	32 lbs. (14.5kg)
06	18.1" (459mm)	34 lbs. (15.4kg)
08	16.1" (408mm)	35 lbs. (15.9kg)
10	18.1" (459mm)	39 lbs. (17.7kg)
12	20.1" (510mm)	40 lbs. (18.1kg)
14	22.1" (560mm)	45 lbs. (20.4kg)
16	24.1" (611mm)	46 lbs. (20.9kg)
20	28.1" (713mm)	52 lbs. (23.6kg)
24	32.1" (814mm)	55 lbs. (24.9kg)

Ordering Information

Example: CAN-EDG-1S-DM-04-E-UL-WH-350

CAN-EDG	Product	Optic	Mounting	LED Count (x10)	Series	Voltage	Color Options	Drive Current	Options
CAN-EDG	1S Type I Short	SL Sparkle Petroleum	DM Direct	04*	E	UL Universal 120-277V	BK Black	350 350mA	DIM 0-10V Dimming - Control by others - Refer to Dimming spec sheet for details - Can't exceed specified drive current F Fuse - Compatible only with 120V, 277V or 347V (phase to neutral) - Consult factory if fusing is required for 208V, 240V or 480V (phase to phase) - Refer to PML spec sheet for availability with PML options - When code dictates fusing, use time delay fuse HL Hi/Low (Dual Circuit Input) - Refer to HL spec sheet for details - Sensor not included P Photocell - Refer to PML spec sheet for availability with PML options - Must specify UL or 34 voltage - 120 LED maximum when 34 voltage is selected PML Programmable Multi-Level - Available with UL voltage only - Refer to PML spec sheet for details 30K 3000K Color Temperature - Minimum 80 CRI - Color temperature per luminaire 40K 4000K Color Temperature - Minimum 70 CRI - Color temperature per luminaire 50K 5000K Color Temperature - Minimum 90 CRI - Color temperature per luminaire TRL Amber Turtle Friendly LEDs - Available only with 350mA - 600nm dominant wavelength - Additional shielding (by others) may be required for Florida Fish and Wildlife Conservation Commission compliance
	3M Type III Medium	15 15° Flood	PD Pendant	06**		UH Universal 347-480V	BZ Bronze	525 525mA	
	5M Type V Medium	25 25° Flood		08		SV Silver	SV Silver	700 700mA	
	5S Type V Short	70 70° Flood		10		34 347V	WH White	700 700mA	
	PS Petroleum Symmetric			12				160 160 LEDs	
				14				40-60 40-60 LEDs	
				16					
				20					
				24					

* Uses 80 LED size with two blanks in outside positions

** Uses 100 LED size with two blanks in outside positions



US: creelighting.com (800) 236-6800

Canada: creelighting-canada.com (800) 473-1234

CREE ⇄ **LIGHTING**

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile, easy mounting below deck design
- Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartment and high-performance heat sinks specifically designed for LED applications
- Direct mount J-Box sized to fit through existing 4" (102mm) diameter mount holes and designed for through-wiring and wet location installations. Mounts directly to canopy with lag bolts (by others). XA-CLSB16 accessory kit required when mounting to solid surfaces. Mating surface is gasketed to prevent water leak through. Includes leaf/debris guard
- Pendant mount luminaire is supplied with a 3/4" (19mm) NPT stainless steel pendant connection and single 5' (1.5m) cord out of the top of the pendant. Longer cords available; consult factory. 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 Dimension and Weight Charts on pages 1 and 13

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 10kV surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- **Maximum 10V Source Current:** 40-80 LED: 0.15mA; 100-240 LED: 0.30mA

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- Enclosure meets IP66 requirements per IEC 60529 when ordered without P or ML options
- Consult factory for CE Certified products
- ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A limits 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 with select SKUs. Refer to <https://www.designlights.org/search/> for most current information
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Electrical Data*								
LED Count (x10)	CCT	System Watts 120-480V	Total Current (A)					
			120V	208V	240V	277V	347V	480V
350mA								
04	30K/40K/50K/57K	46	0.36	0.23	0.21	0.20	0.15	0.12
	TRL	35	0.29	0.17	0.15	0.13	0.10	0.07
06	30K/40K/50K/57K	66	0.52	0.31	0.28	0.26	0.20	0.15
	TRL	50	0.41	0.24	0.21	0.18	0.14	0.10
08	30K/40K/50K/57K	90	0.75	0.44	0.38	0.34	0.26	0.20
	TRL	68	0.57	0.33	0.28	0.25	0.20	0.14
10	30K/40K/50K/57K	110	0.92	0.53	0.47	0.41	0.32	0.24
	TRL	83	0.69	0.40	0.35	0.30	0.24	0.17
12	30K/40K/50K/57K	130	1.10	0.63	0.55	0.48	0.38	0.28
	TRL	99	0.82	0.48	0.41	0.36	0.28	0.21
14	30K/40K/50K/57K	158	1.32	0.77	0.68	0.62	0.47	0.35
	TRL	120	1.00	0.58	0.50	0.43	0.34	0.25
16	30K/40K/50K/57K	179	1.49	0.87	0.77	0.68	0.53	0.39
	TRL	136	1.13	0.65	0.57	0.49	0.39	0.28
20	30K/40K/50K/57K	220	1.84	1.06	0.93	0.83	0.64	0.47
	TRL	167	1.39	0.80	0.70	0.60	0.48	0.35
24	30K/40K/50K/57K	261	2.19	1.26	1.10	0.97	0.76	0.56
	TRL	198	1.65	0.95	0.82	0.71	0.57	0.41
525mA								
02	30K/40K/50K/57K	37	0.30	0.19	0.17	0.16	0.12	0.10
04	30K/40K/50K/57K	70	0.58	0.34	0.31	0.28	0.21	0.16
06	30K/40K/50K/57K	101	0.84	0.49	0.43	0.38	0.30	0.22
08	30K/40K/50K/57K	133	1.13	0.66	0.58	0.51	0.39	0.28
10	30K/40K/50K/57K	171	1.43	0.83	0.74	0.66	0.50	0.38
12	30K/40K/50K/57K	202	1.69	0.98	0.86	0.77	0.59	0.44
14	30K/40K/50K/57K	232	1.94	1.12	0.98	0.87	0.68	0.50
16	30K/40K/50K/57K	263	2.21	1.27	1.11	0.97	0.77	0.56
700mA								
04	30K/40K/50K/57K	93	0.78	0.46	0.40	0.36	0.27	0.20
06	30K/40K/50K/57K	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 120-277V or 347-480V +/- 10%

THE EDGE® Series Ambient Adjusted Lumen Maintenance ¹						
Ambient	CCT	Initial LMF	25K hr Reported ² LMF	50K hr Reported ² LMF	75K hr Reported ² / Estimated ³ LMF	100K hr Estimated ³ LMF
5°C (41°F)	30K/40K/50K/57K	1.04	1.03	1.03	1.03 ²	1.03
	TRL	1.06	1.06	1.06	1.06 ³	1.06
10°C (50°F)	30K/40K/50K/57K	1.03	1.02	1.02	1.02 ²	1.02
	TRL	1.04	1.04	1.04	1.04 ³	1.04
15°C (59°F)	30K/40K/50K/57K	1.02	1.01	1.01	1.01 ²	1.01
	TRL	1.03	1.03	1.03	1.03 ³	1.03
20°C (68°F)	30K/40K/50K/57K	1.01	0.99	0.99	0.99 ²	0.99
	TRL	1.01	1.01	1.01	1.01 ³	1.01
25°C (77°F)	30K/40K/50K/57K	1.00	0.98	0.98	0.98 ²	0.98
	TRL	1.00	1.00	1.00	1.00 ³	1.00

¹ Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors. Please refer to the [Temperature Zone Reference Document](#) for outdoor average nighttime ambient conditions.

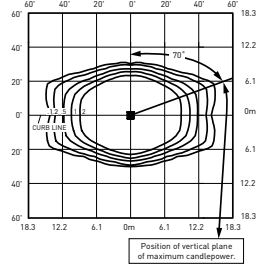
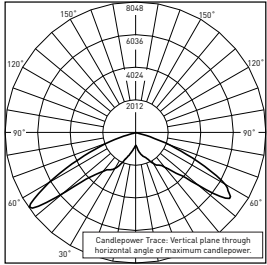
² In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 6x the tested duration in the IES LM-80 report for the LED.

³ Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED.

Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/canopy-and-soffit/cree-edge-series-2>

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RESTL Test Report #: PL12399-002A
ARE-EDG-1S-**-06-E-UL-525-40K
Initial Delivered Lumens: 12,032

CAN-EDG-1S-**-06-E-UL-700-40K
Mounting Height: 15' (4.6m) A.F.G.
Initial Delivered Lumens: 14,684
Initial FC at grade

Type I Short Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA										
04	4,897	B2 U0 G1	5,912	B2 U0 G1	4,495	B2 U0 G1	6,029	B2 U0 G1	1,929	B1 U0 G1
06	7,261	B3 U0 G2	8,767	B3 U0 G2	6,665	B3 U0 G2	8,941	B3 U0 G2	2,861	B2 U0 G1
08	9,681	B3 U0 G2	11,689	B3 U0 G2	8,886	B3 U0 G2	11,921	B3 U0 G2	3,815	B2 U0 G1
10	12,073	B3 U0 G2	14,576	B4 U0 G3	11,081	B3 U0 G2	14,865	B4 U0 G3	4,757	B2 U0 G1
12	14,487	B4 U0 G3	17,492	B4 U0 G3	13,298	B4 U0 G3	17,839	B4 U0 G3	5,708	B2 U0 G1
14	16,794	B4 U0 G3	20,278	B4 U0 G3	15,416	B4 U0 G3	20,680	B4 U0 G3	6,618	B3 U0 G2
16	19,194	B4 U0 G3	23,175	B5 U0 G3	17,618	B4 U0 G3	23,634	B5 U0 G3	7,563	B3 U0 G2
20	23,992	B5 U0 G3	28,968	B5 U0 G3	22,023	B5 U0 G3	29,543	B5 U0 G3	9,454	B3 U0 G2
24	28,791	B5 U0 G3	34,762	B5 U0 G4	26,427	B5 U0 G3	35,451	B5 U0 G4	11,344	B3 U0 G2
525mA										
04	6,957	B3 U0 G2	8,390	B3 U0 G2	6,385	B2 U0 G1	8,566	B3 U0 G2		N/A
06	10,316	B3 U0 G2	12,442	B3 U0 G2	9,469	B3 U0 G2	12,702	B3 U0 G2		N/A
08	13,754	B4 U0 G3	16,589	B4 U0 G3	12,625	B3 U0 G2	16,936	B4 U0 G3		N/A
10	17,152	B4 U0 G3	20,686	B4 U0 G3	15,744	B4 U0 G3	21,120	B4 U0 G3		N/A
12	20,582	B4 U0 G3	24,823	B5 U0 G3	18,892	B4 U0 G3	25,343	B5 U0 G3		N/A
14	23,860	B5 U0 G3	28,777	B5 U0 G3	21,901	B4 U0 G3	29,380	B5 U0 G3		N/A
16	27,269	B5 U0 G3	32,888	B5 U0 G4	25,030	B5 U0 G3	33,577	B5 U0 G4		N/A
700mA										
04	8,205	B3 U0 G2	9,902	B3 U0 G2	7,532	B3 U0 G2	10,104	B3 U0 G2		N/A
06	12,168	B3 U0 G2	14,684	B4 U0 G3	11,169	B3 U0 G2	14,983	B4 U0 G3		N/A

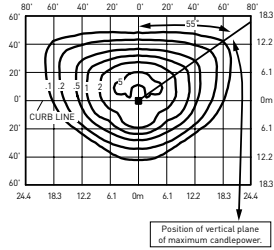
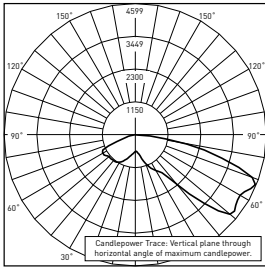
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

THE EDGE® LED Canopy Luminaire

Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/canopy-and-soffit/cree-edge-series-2>

3M



RESTL Test Report #: PL09405-001A
 ARE-EDG-3M-**-06-E-UL-525-40K
 Initial Delivered Lumens: 9,460

CAN-EDG-3M-**-06-E-UL-700-40K
 Mounting Height: 15' (4.6m) A.F.G.
 Initial Delivered Lumens: 11,779
 Initial FC at grade

Type III Medium Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA										
04	3,928	B1 U0 G1	4,743	B1 U0 G1	3,606	B1 U0 G1	4,837	B1 U0 G1	1,548	B1 U0 G1
06	5,825	B2 U0 G2	7,033	B2 U0 G2	5,347	B2 U0 G2	7,172	B2 U0 G2	2,295	B1 U0 G1
08	7,766	B2 U0 G2	9,377	B2 U0 G2	7,129	B2 U0 G2	9,563	B2 U0 G2	3,060	B1 U0 G1
10	9,685	B2 U0 G2	11,693	B3 U0 G3	8,890	B2 U0 G2	11,925	B3 U0 G3	3,816	B1 U0 G1
12	11,621	B3 U0 G3	14,032	B3 U0 G3	10,667	B3 U0 G3	14,310	B3 U0 G3	4,579	B1 U0 G1
14	13,472	B3 U0 G3	16,267	B3 U0 G3	12,367	B3 U0 G3	16,589	B3 U0 G3	5,309	B2 U0 G2
16	15,397	B3 U0 G3	18,591	B3 U0 G3	14,133	B3 U0 G3	18,959	B3 U0 G3	6,067	B2 U0 G2
20	19,246	B3 U0 G3	23,238	B3 U0 G3	17,666	B3 U0 G3	23,699	B3 U0 G3	7,584	B2 U0 G2
24	23,096	B3 U0 G3	27,886	B4 U0 G4	21,200	B3 U0 G3	28,439	B4 U0 G4	9,100	B2 U0 G2
525mA										
04	5,581	B2 U0 G2	6,731	B2 U0 G2	5,122	B2 U0 G2	6,872	B2 U0 G2		N/A
06	8,275	B2 U0 G2	9,981	B3 U0 G3	7,596	B2 U0 G2	10,190	B3 U0 G3		N/A
08	11,034	B3 U0 G3	13,307	B3 U0 G3	10,128	B3 U0 G3	13,586	B3 U0 G3		N/A
10	13,759	B3 U0 G3	16,594	B3 U0 G3	12,630	B3 U0 G3	16,942	B3 U0 G3		N/A
12	16,511	B3 U0 G3	19,913	B3 U0 G3	15,155	B3 U0 G3	20,330	B3 U0 G3		N/A
14	19,141	B3 U0 G3	23,085	B3 U0 G3	17,569	B3 U0 G3	23,569	B3 U0 G3		N/A
16	21,875	B3 U0 G3	26,383	B4 U0 G4	20,079	B3 U0 G3	26,936	B4 U0 G4		N/A
700mA										
04	6,582	B2 U0 G2	7,944	B2 U0 G2	6,042	B2 U0 G2	8,105	B2 U0 G2		N/A
06	9,761	B2 U0 G2	11,779	B3 U0 G3	8,960	B2 U0 G2	12,019	B3 U0 G3		N/A

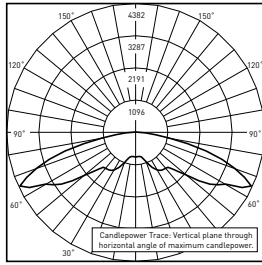
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 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

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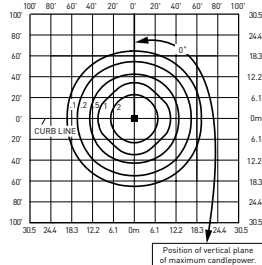
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/canopy-and-soffit/cree-edge-series-2>

5M



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



CAN-EDG-5M-**-06-E-UL-700-40K
Mounting Height: 15' (4.6m) A.F.G.
Initial Delivered Lumens: 13,070
Initial FC at grade

Type V Medium Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA										
04	4,358	B3 U0 G1	5,262	B3 U0 G1	4,001	B2 U0 G1	5,367	B3 U0 G1	1,717	B1 U0 G1
06	6,463	B3 U0 G1	7,804	B3 U0 G2	5,932	B3 U0 G1	7,958	B3 U0 G2	2,547	B2 U0 G1
08	8,617	B3 U0 G2	10,405	B4 U0 G2	7,910	B3 U0 G2	10,611	B4 U0 G2	3,395	B2 U0 G1
10	10,746	B4 U0 G2	12,975	B4 U0 G2	9,864	B3 U0 G2	13,232	B4 U0 G2	4,234	B3 U0 G1
12	12,895	B4 U0 G2	15,570	B4 U0 G3	11,836	B4 U0 G2	15,878	B4 U0 G3	5,081	B3 U0 G1
14	14,949	B4 U0 G3	18,049	B4 U0 G3	13,722	B4 U0 G2	18,407	B4 U0 G3	5,890	B3 U0 G1
16	17,085	B4 U0 G3	20,628	B5 U0 G3	15,682	B4 U0 G3	21,037	B5 U0 G3	6,732	B3 U0 G2
20	21,356	B5 U0 G3	25,785	B5 U0 G3	19,603	B4 U0 G3	26,296	B5 U0 G3	8,415	B3 U0 G2
24	25,627	B5 U0 G3	30,942	B5 U0 G4	23,523	B5 U0 G3	31,555	B5 U0 G4	10,098	B3 U0 G2
525mA										
04	6,192	B3 U0 G1	7,468	B3 U0 G2	5,684	B3 U0 G1	7,625	B3 U0 G2	N/A	
06	9,182	B3 U0 G2	11,074	B4 U0 G2	8,428	B3 U0 G2	11,306	B4 U0 G2	N/A	
08	12,243	B4 U0 G2	14,766	B4 U0 G2	11,238	B4 U0 G2	15,075	B4 U0 G3	N/A	
10	15,267	B4 U0 G3	18,413	B4 U0 G3	14,014	B4 U0 G2	18,799	B4 U0 G3	N/A	
12	18,320	B4 U0 G3	22,096	B5 U0 G3	16,816	B4 U0 G3	22,558	B5 U0 G3	N/A	
14	21,238	B5 U0 G3	25,615	B5 U0 G3	19,495	B4 U0 G3	26,151	B5 U0 G3	N/A	
16	24,272	B5 U0 G3	29,274	B5 U0 G3	22,280	B5 U0 G3	29,887	B5 U0 G3	N/A	
700mA										
04	7,304	B3 U0 G2	8,814	B3 U0 G2	6,704	B3 U0 G2	8,993	B3 U0 G2	N/A	
06	10,831	B4 U0 G2	13,070	B4 U0 G2	9,941	B3 U0 G2	13,336	B4 U0 G2	N/A	

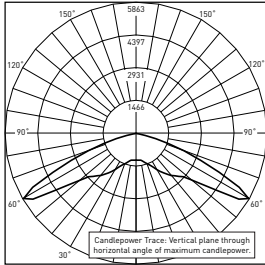
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>.

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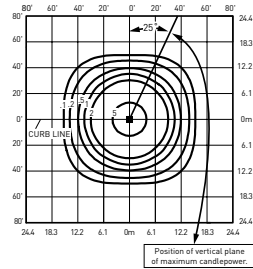
Photometry

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55



RESTL Test Report #: PL09286-001A
ARE-EDG-5S-**-06-E-UL-700-40K
Initial Delivered Lumens: 14,123



CAN-EDG-5S-**-06-E-UL-700-40K
Mounting Height: 15' (4.6m) A.F.G.
Initial Delivered Lumens: 14,523
Initial FC at grade

Type V Short Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens [*]	BUG Ratings ^{**} Per TM-15-11	Initial Delivered Lumens [*]	BUG Ratings ^{**} Per TM-15-11	Initial Delivered Lumens [*]	BUG Ratings ^{**} Per TM-15-11	Initial Delivered Lumens [*]	BUG Ratings ^{**} Per TM-15-11	Initial Delivered Lumens [*]	BUG Ratings ^{**} Per TM-15-11
350mA										
04	4,843	B2 U0 G1	5,847	B3 U0 G1	4,445	B2 U0 G1	5,963	B3 U0 G1	1,908	B1 U0 G0
06	7,181	B3 U0 G1	8,671	B3 U0 G1	6,592	B3 U0 G1	8,842	B3 U0 G1	2,830	B2 U0 G0
08	9,575	B3 U0 G1	11,561	B3 U0 G2	8,789	B3 U0 G1	11,790	B3 U0 G2	3,773	B2 U0 G1
10	11,940	B3 U0 G2	14,416	B4 U0 G2	10,960	B3 U0 G2	14,702	B4 U0 G2	4,705	B2 U0 G1
12	14,328	B4 U0 G2	17,300	B4 U0 G2	13,152	B3 U0 G2	17,642	B4 U0 G2	5,646	B3 U0 G1
14	16,610	B4 U0 G2	20,055	B4 U0 G2	15,246	B4 U0 G2	20,453	B4 U0 G2	6,545	B3 U0 G1
16	18,983	B4 U0 G2	22,920	B4 U0 G2	17,424	B4 U0 G2	23,374	B4 U0 G2	7,480	B3 U0 G1
20	23,728	B4 U0 G2	28,650	B5 U0 G3	21,781	B4 U0 G2	29,218	B5 U0 G3	9,350	B3 U0 G1
24	28,474	B5 U0 G3	34,380	B5 U0 G3	26,137	B4 U0 G2	35,061	B5 U0 G3	11,220	B3 U0 G2
525mA										
04	6,880	B3 U0 G1	8,298	B3 U0 G1	6,315	B3 U0 G1	8,472	B3 U0 G1	N/A	
06	10,202	B3 U0 G2	12,305	B3 U0 G2	9,365	B3 U0 G1	12,563	B3 U0 G2	N/A	
08	13,603	B3 U0 G2	16,406	B4 U0 G2	12,486	B3 U0 G2	16,750	B4 U0 G2	N/A	
10	16,963	B4 U0 G2	20,459	B4 U0 G2	15,571	B4 U0 G2	20,887	B4 U0 G2	N/A	
12	20,356	B4 U0 G2	24,551	B4 U0 G2	18,685	B4 U0 G2	25,065	B4 U0 G2	N/A	
14	23,598	B4 U0 G2	28,461	B5 U0 G3	21,661	B4 U0 G2	29,057	B5 U0 G3	N/A	
16	26,969	B4 U0 G2	32,527	B5 U0 G3	24,755	B4 U0 G2	33,208	B5 U0 G3	N/A	
700mA										
04	8,115	B3 U0 G1	9,793	B3 U0 G1	7,449	B3 U0 G1	9,993	B3 U0 G2	N/A	
06	12,034	B3 U0 G2	14,523	B4 U0 G2	11,046	B3 U0 G2	14,818	B4 U0 G2	N/A	

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

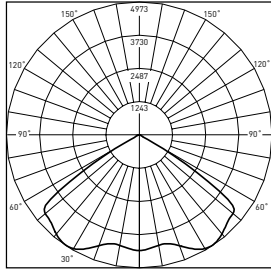
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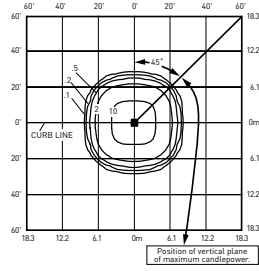
Photometry

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PS



Candlegpower Trace: Vertical plane through horizontal angle of maximum candlegpower.



CAN-EDG-PS-**-06-E-UL-700-40K
 Mounting Height: 15' (4.6m) A.F.G.
 Initial Delivered Lumens: 14,845
 Initial FC at grade

RESTL Test Report #: PL12774-001A
 CAN-EDG-PS-**-06-E-UL-525-40K
 Initial Delivered Lumens: 12,142

Petroleum Symmetric Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA										
04	4,950	B2 U0 G0	5,977	B2 U0 G0	4,544	B2 U0 G0	6,096	B2 U0 G0	1,951	B1 U0 G0
06	7,341	B3 U0 G0	8,863	B3 U0 G0	6,738	B3 U0 G0	9,039	B3 U0 G0	2,892	B1 U0 G0
08	9,788	B3 U0 G0	11,818	B3 U0 G0	8,984	B3 U0 G0	12,052	B3 U0 G0	3,857	B2 U0 G0
10	12,205	B3 U0 G0	14,737	B3 U0 G0	11,203	B3 U0 G0	15,029	B4 U0 G0	4,809	B2 U0 G0
12	14,646	B3 U0 G0	17,684	B4 U0 G0	13,444	B3 U0 G0	18,035	B4 U0 G0	5,771	B2 U0 G0
14	16,979	B4 U0 G0	20,501	B4 U0 G1	15,585	B4 U0 G0	20,907	B4 U0 G1	6,690	B3 U0 G0
16	19,405	B4 U0 G1	23,429	B4 U0 G1	17,812	B4 U0 G0	23,894	B4 U0 G1	7,646	B3 U0 G0
20	24,256	B4 U0 G1	29,287	B5 U0 G1	22,265	B4 U0 G1	29,867	B5 U0 G1	9,557	B3 U0 G0
24	29,107	B5 U0 G1	35,144	B5 U0 G1	26,718	B5 U0 G1	35,841	B5 U0 G1	11,469	B3 U0 G0
525mA										
04	7,033	B3 U0 G0	8,482	B3 U0 G0	6,456	B2 U0 G0	8,660	B3 U0 G0		N/A
06	10,429	B3 U0 G0	12,578	B3 U0 G0	9,573	B3 U0 G0	12,842	B3 U0 G0		N/A
08	13,905	B3 U0 G0	16,771	B4 U0 G0	12,764	B3 U0 G0	17,122	B4 U0 G0		N/A
10	17,340	B4 U0 G0	20,913	B4 U0 G1	15,917	B4 U0 G0	21,352	B4 U0 G1		N/A
12	20,808	B4 U0 G1	25,096	B4 U0 G1	19,100	B4 U0 G1	25,622	B5 U0 G1		N/A
14	24,122	B4 U0 G1	29,093	B5 U0 G1	22,142	B4 U0 G1	29,703	B5 U0 G1		N/A
16	27,568	B5 U0 G1	33,250	B5 U0 G1	25,305	B4 U0 G1	33,946	B5 U0 G1		N/A
700mA										
04	8,296	B3 U0 G0	10,011	B3 U0 G0	7,615	B3 U0 G0	10,215	B3 U0 G0		N/A
06	12,301	B3 U0 G0	14,845	B3 U0 G0	11,292	B3 U0 G0	15,147	B4 U0 G0		N/A

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

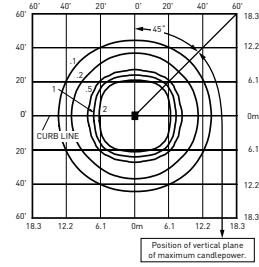
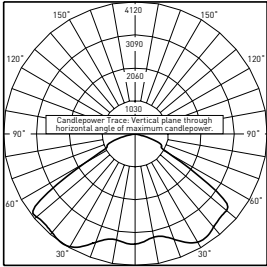
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Photometry

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SL



RESTL Test Report #: PL12400-001A
CAN-EDG-SL-**-06-E-UL-525-40K
Initial Delivered Lumens: 11,692

CAN-EDG-SL-**-06-E-UL-700-40K
Mounting Height: 15' (4.6m) A.F.G.
Initial Delivered Lumens: 12,532
Initial FC at grade

Sparkle Petroleum Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA										
04	4,789	B2 U0 G1	5,782	B2 U0 G1	4,396	B2 U0 G0	5,897	B2 U0 G1	1,887	B1 U0 G0
06	7,101	B2 U0 G1	8,574	B3 U0 G1	6,518	B2 U0 G1	8,744	B3 U0 G1	2,798	B1 U0 G0
08	9,468	B3 U0 G1	11,432	B3 U0 G1	8,691	B3 U0 G1	11,659	B3 U0 G1	3,731	B2 U0 G0
10	11,807	B3 U0 G1	14,256	B3 U0 G1	10,838	B3 U0 G1	14,539	B3 U0 G1	4,652	B2 U0 G1
12	14,169	B3 U0 G1	17,107	B4 U0 G1	13,006	B3 U0 G1	17,446	B4 U0 G1	5,583	B2 U0 G1
14	16,425	B4 U0 G1	19,832	B4 U0 G1	15,077	B3 U0 G1	20,225	B4 U0 G1	6,472	B2 U0 G1
16	18,772	B4 U0 G1	22,665	B4 U0 G1	17,231	B4 U0 G1	23,115	B4 U0 G1	7,397	B2 U0 G1
20	23,465	B4 U0 G1	28,332	B5 U0 G2	21,539	B4 U0 G1	28,893	B5 U0 G2	9,246	B3 U0 G1
24	28,158	B5 U0 G2	33,998	B5 U0 G2	25,846	B4 U0 G1	34,672	B5 U0 G2	11,095	B3 U0 G1
525mA										
04	6,804	B2 U0 G1	8,206	B3 U0 G1	6,245	B2 U0 G1	8,378	B3 U0 G1		N/A
06	10,089	B3 U0 G1	12,168	B3 U0 G1	9,261	B3 U0 G1	12,423	B3 U0 G1		N/A
08	13,452	B3 U0 G1	16,224	B4 U0 G1	12,348	B3 U0 G1	16,564	B4 U0 G1		N/A
10	16,775	B4 U0 G1	20,231	B4 U0 G1	15,398	B3 U0 G1	20,655	B4 U0 G1		N/A
12	20,130	B4 U0 G1	24,278	B4 U0 G1	18,477	B4 U0 G1	24,786	B4 U0 G1		N/A
14	23,336	B4 U0 G1	28,145	B5 U0 G2	21,420	B4 U0 G1	28,734	B5 U0 G2		N/A
16	26,669	B4 U0 G1	32,165	B5 U0 G2	24,480	B4 U0 G1	32,839	B5 U0 G2		N/A
700mA										
04	8,025	B3 U0 G1	9,685	B3 U0 G1	7,366	B2 U0 G1	9,882	B3 U0 G1		N/A
06	11,901	B3 U0 G1	14,362	B3 U0 G1	10,924	B3 U0 G1	14,654	B3 U0 G1		N/A

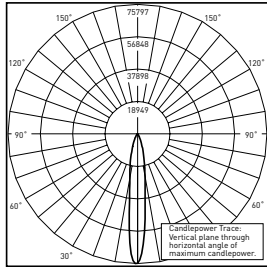
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
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THE EDGE® LED Canopy Luminaire

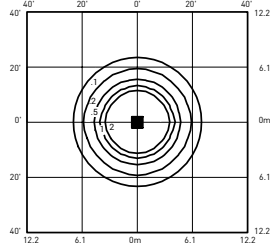
Photometry

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15°



RESTL Test Report #: PL12397-001A
 FLD-EDG-15-**-06-E-UL-525-40K
 Initial Delivered Lumens: 11,510



CAN-EDG-15-**-06-E-UL-700-40K
 Mounting Height: 15' (4.6m) A.F.G.
 Initial Delivered Lumens: 14,845
 Initial FC at grade

15° Flood Distribution					
LED Count (x10)	3000K	4000K	5000K	5700K	TRL
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA					
04	4,950	5,977	4,544	6,096	1,951
06	7,341	8,863	6,738	9,039	2,892
08	9,788	11,818	8,984	12,052	3,857
10	12,205	14,737	11,203	15,029	4,809
12	14,646	17,684	13,444	18,035	5,771
14	16,979	20,501	15,585	20,907	6,690
16	19,405	23,429	17,812	23,894	7,646
20	24,256	29,287	22,265	29,867	9,557
24	29,107	35,144	26,718	35,841	11,469
525mA					
04	7,033	8,482	6,456	8,660	N/A
06	10,429	12,578	9,573	12,842	N/A
08	13,905	16,771	12,764	17,122	N/A
10	17,340	20,913	15,917	21,352	N/A
12	20,808	25,096	19,100	25,622	N/A
14	24,122	29,093	22,142	29,703	N/A
16	27,568	33,250	25,305	33,946	N/A
700mA					
04	8,296	10,011	7,615	10,215	N/A
06	12,301	14,845	11,292	15,147	N/A

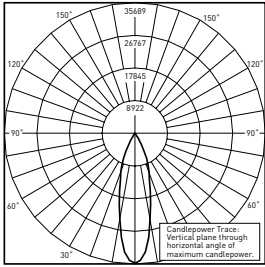
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

THE EDGE® LED Canopy Luminaire

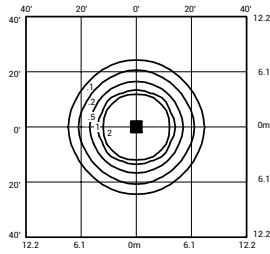
Photometry

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25°



RESTL Test Report #: PL09832-003B
 FLD-EDG-25-**-06-E-UL-700-40K
 Initial Delivered Lumens: 14,998



CAN-EDG-25-**-06-E-UL-700-40K
 Mounting Height: 15' (4.6m) A.F.G.
 Initial Delivered Lumens: 14,845
 Initial FC at grade

25° Flood Distribution					
LED Count (x10)	3000K	4000K	5000K	5700K	TRL
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA					
04	4,950	5,977	4,544	6,096	1,951
06	7,341	8,863	6,738	9,039	2,892
08	9,788	11,818	8,984	12,052	3,857
10	12,205	14,737	11,203	15,029	4,809
12	14,646	17,684	13,444	18,035	5,771
14	16,979	20,501	15,585	20,907	6,690
16	19,405	23,429	17,812	23,894	7,646
20	24,256	29,287	22,265	29,867	9,557
24	29,107	35,144	26,718	35,841	11,469
525mA					
04	7,033	8,482	6,456	8,660	N/A
06	10,429	12,578	9,573	12,842	N/A
08	13,905	16,771	12,764	17,122	N/A
10	17,340	20,913	15,917	21,352	N/A
12	20,808	25,096	19,100	25,622	N/A
14	24,122	29,093	22,142	29,703	N/A
16	27,568	33,250	25,305	33,946	N/A
700mA					
04	8,296	10,011	7,615	10,215	N/A
06	12,301	14,845	11,292	15,147	N/A

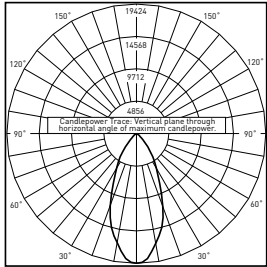
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

THE EDGE® LED Canopy Luminaire

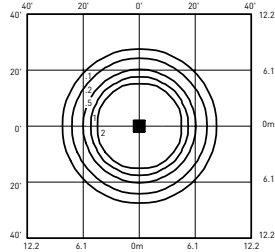
Photometry

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40°



RESTL Test Report #: PL09832-002B
 FLD-EDG-40-**-06-E-UL-700-40K
 Initial Delivered Lumens: 13,808



CAN-EDG-40-**-06-E-UL-700-40K
 Mounting Height: 15' (4.6m) A.F.G.
 Initial Delivered Lumens: 14,523
 Initial FC at grade

40° Flood Distribution					
LED Count (x10)	3000K	4000K	5000K	5700K	TRL
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA					
04	4,843	5,847	4,445	5,963	1,908
06	7,181	8,671	6,592	8,842	2,830
08	9,575	11,561	8,789	11,790	3,773
10	11,940	14,416	10,960	14,702	4,705
12	14,328	17,300	13,152	17,642	5,646
14	16,610	20,055	15,246	20,453	6,545
16	18,983	22,920	17,424	23,374	7,480
20	23,728	28,650	21,781	29,218	9,350
24	28,474	34,380	26,137	35,061	11,220
525mA					
04	6,880	8,298	6,315	8,472	N/A
06	10,202	12,305	9,365	12,563	N/A
08	13,603	16,406	12,486	16,750	N/A
10	16,963	20,459	15,571	20,887	N/A
12	20,356	24,551	18,685	25,065	N/A
14	23,598	28,461	21,661	29,057	N/A
16	26,969	32,527	24,755	33,208	N/A
700mA					
04	8,115	9,793	7,449	9,993	N/A
06	12,034	14,523	11,046	14,818	N/A

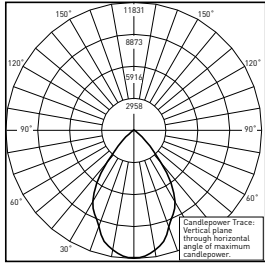
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

THE EDGE® LED Canopy Luminaire

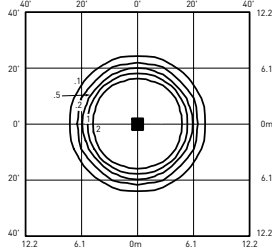
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/canopy-and-soffit/cree-edge-series-2>

70°



RECTL Test Report #: PL09832-001B
 FLD-EDG-70-**-06-E-UL-700-40K
 Initial Delivered Lumens: 13,888



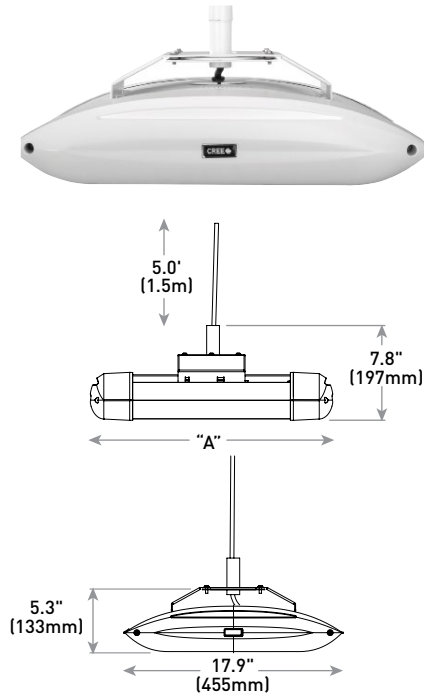
CAN-EDG-70-**-06-E-UL-700-40K
 Mounting Height: 15' (4.6m) A.F.G.
 Initial Delivered Lumens: 13,232
 Initial FC at grade

70° Flood Distribution					
LED Count (x10)	3000K	4000K	5000K	5700K	TRL
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA					
04	4,412	5,327	4,050	5,433	1,739
06	6,543	7,900	6,006	8,056	2,578
08	8,724	10,533	8,008	10,742	3,437
10	10,879	13,135	9,986	13,395	4,286
12	13,054	15,762	11,983	16,074	5,144
14	15,133	18,272	13,891	18,635	5,963
16	17,295	20,883	15,876	21,297	6,815
20	21,619	26,103	19,845	26,621	8,519
24	25,943	31,324	23,813	31,945	10,222
525mA					
04	6,269	7,560	5,754	7,719	N/A
06	9,295	11,211	8,532	11,446	N/A
08	12,394	14,948	11,377	15,261	N/A
10	15,455	18,640	14,187	19,031	N/A
12	18,546	22,368	17,024	22,837	N/A
14	21,500	25,931	19,735	26,474	N/A
16	24,572	29,636	22,555	30,256	N/A
700mA					
04	7,394	8,923	6,787	9,104	N/A
06	10,964	13,232	10,064	13,501	N/A

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

THE EDGE® LED Canopy Luminaire

PD Mount



LED Count (x10)	Dim. "A"	Weight
04	16.1" (408mm)	32 lbs. (14.5kg)
06	18.1" (459mm)	34 lbs. (15.4kg)
08	16.1" (408mm)	35 lbs. (15.9kg)
10	18.1" (459mm)	39 lbs. (17.7kg)
12	20.1" (510mm)	40 lbs. (18.1kg)
14	22.1" (560mm)	45 lbs. (20.4kg)
16	24.1" (611mm)	46 lbs. (20.9kg)
20	28.1" (713mm)	52 lbs. (23.6kg)
24	32.1" (814mm)	55 lbs. (24.9kg)

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