

THE EDGE® Series

LED Transportation Luminaire

Rev. Date: V7 02/20/2023

Product Description

Slim, low profile design. Luminaire is constructed from rugged extruded aluminum, die cast aluminum and stamped metal components. LED driver is mounted to the extruded aluminum side of the luminaire and sealed for weathertight operation. Includes high performance heatsinks and heavy gauge stainless steel mounting brackets (non-painted).

Applications: Tunnels and underpasses

Performance Summary

Patented NanoOptic® Product Technology

Assembled in the USA by Cree Lighting from US and imported parts

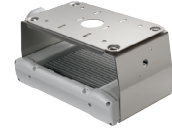
CRI: Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K); 90 CRI (5000K)

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

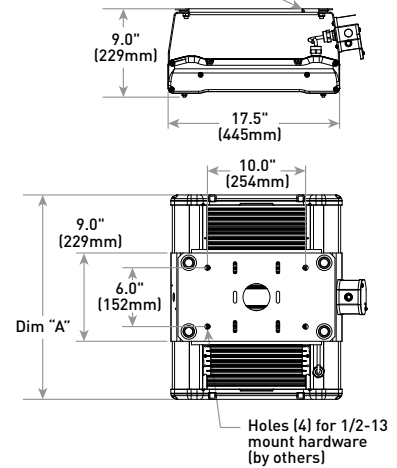
Limited Warranty†: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish /1 year on accessories

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

DM Mount



0.14" Thick SS Cradle Brackets for Ceiling Mounting



LED Count (x10)	Dimension "A"
04-10	12.0" (305mm)
12-16	21.0" (533mm)

LED Count (x10)	Weight
04	34.0 lbs. (15.4kg)
06	35.5 lbs. (16.1kg)
08	37.0 lbs. (16.7kg)
10	41.0 lbs. (18.5kg)
12	51.5 lbs. (23.3kg)
14	53.0 lbs. (24.0kg)
16	55.0 lbs. (24.9kg)

Ordering Information

Example: TSP-EDG-1S-DM-04-E-UL-SV-350

TSP-EDG	Product	Optic	Mounting	LED Count (x10)	Version	Voltage	Color Options	Drive Current	Options	
	TSP-EDG	1S Type I Short 2M Type II Medium 2S Type II Short 3M Type III Medium 4M Type IV Medium 5M Type V Medium	5S Type V Short PS Petroleum Symmetric 15 15° Flood 25 25° Flood 40 40° Flood	CM Cantenary DM Direct PD1 1.25" NPSM Pendant PD2 1.5" NPSM Pendant	04* 06* 10 12* 14* 16	E	UL Universal 120-277V UH Universal 347-480V 25D 250V DC - Available with 350mA & 700mA only - Available with DM mount only	BK Black BZ Bronze SV Silver WH White	350 350mA 525 525mA 700 700mA - Available with 40-60 LEDs	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 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

* Consists of 20 LED light bars. 40, 60, 80, 120, and 140 LED units use blanks as needed in place of populated light bars



US: creelighting.com (800) 236-6800

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

CREE ⇄ LIGHTING®

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile design
- Luminaire is constructed from rugged extruded aluminum, die cast aluminum and stamped metal components
- LED driver is mounted in the extruded aluminum side of the luminaire and sealed for weathertight operation
- Includes high performance heat sinks and heavy gauge stainless steel mounting bracket (non-painted)
- Designed for downlight applications only
- External wet location junction box with field wiring connections included on CM and DM mount
- DM designed for direct mount to solid surfaces
- CM mount designed for mounting to cantenary cable. Cable hanger assembly allows luminaire to be leveled when installed and is adjustable to clamp 1/2" (13mm) to 1" (25mm) cable
- PD1 and PD2 mounts have convenient pendant coupling mounting method. Pendant coupling is welded stainless steel and has 2" (51mm) thread depth for 1.25" or 1.5" NPSM pendant (by others)
- 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 charts on pages 1 and 14

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
- **10V Source Current:** 40-80 LEDs and 100 LEDs at 350mA: 0.15mA; 100 LEDs at 525mA and 120-160 LEDs: 0.30mA
- Integral 10kV/5kA surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
- Enclosure rated IP66 per IEC 60529
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards when ordered with DM, PD1 and PD2 mounts
- ANSI C136.2 10kV/5kA surge 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
- Assembled in the USA by Cree Lighting from US and imported parts
- Meets Buy American requirements within ARRA
- **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
525mA								
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.

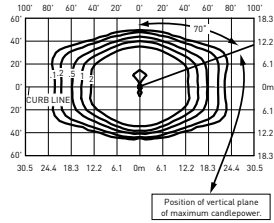
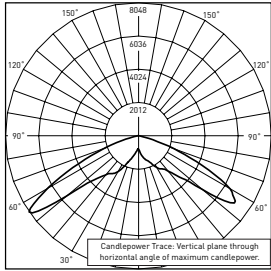
² In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 6x the tested duration in the IES LM-80 report for the LED.

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 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

15



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

TSP-EDG-1S-**-10-E-UL-525-40K
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 20,686
 Initial FC at grade

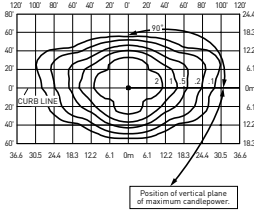
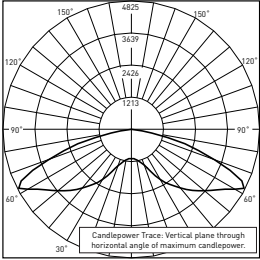
Type I Short Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial 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
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>

Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

2M



RESTL Test Report #: PL10270-004B
ARE-EDG-2M--06-E-UL-525-40K**
Initial Delivered Lumens: 10,053

TSP-EDG-2M--10-E-UL-525-40K**
Mounting Height: 25' [7.6m] A.F.G.
Initial Delivered Lumens: 17,504
 Initial FC at grade

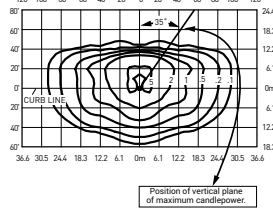
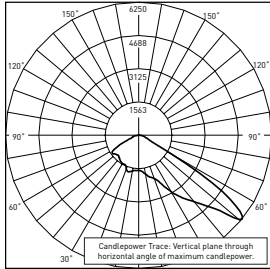
Type II Medium Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens ^s	BUG Ratings** Per TM-15-11	Initial Delivered Lumens ^s	BUG Ratings** Per TM-15-11	Initial Delivered Lumens ^s	BUG Ratings** Per TM-15-11	Initial Delivered Lumens ^s	BUG Ratings** Per TM-15-11	Initial Delivered Lumens ^s	BUG Ratings** Per TM-15-11
350mA										
04	4,143	B2 U0 G1	5,003	B2 U0 G2	3,803	B1 U0 G1	5,102	B2 U0 G2	1,633	B1 U0 G1
06	6,144	B2 U0 G2	7,418	B2 U0 G2	5,640	B2 U0 G2	7,565	B2 U0 G2	2,421	B1 U0 G1
08	8,192	B2 U0 G2	9,891	B3 U0 G3	7,519	B2 U0 G2	10,087	B3 U0 G3	3,228	B1 U0 G1
10	10,215	B3 U0 G3	12,334	B3 U0 G3	9,377	B3 U0 G3	12,578	B3 U0 G3	4,025	B2 U0 G1
12	12,258	B3 U0 G3	14,801	B3 U0 G3	11,252	B3 U0 G3	15,094	B3 U0 G3	4,830	B2 U0 G2
14	14,211	B3 U0 G3	17,158	B3 U0 G3	13,044	B3 U0 G3	17,498	B3 U0 G3	5,599	B2 U0 G2
16	16,241	B3 U0 G3	19,609	B3 U0 G3	14,908	B3 U0 G3	19,998	B4 U0 G3	6,399	B2 U0 G2
525mA										
04	5,886	B2 U0 G2	7,099	B2 U0 G2	5,403	B2 U0 G2	7,248	B2 U0 G2	N/A	
06	8,729	B3 U0 G3	10,527	B3 U0 G3	8,012	B2 U0 G2	10,748	B3 U0 G3	N/A	
08	11,638	B3 U0 G3	14,037	B3 U0 G3	10,683	B3 U0 G3	14,331	B3 U0 G3	N/A	
10	14,513	B3 U0 G3	17,504	B3 U0 G3	13,322	B3 U0 G3	17,870	B3 U0 G3	N/A	
12	17,415	B3 U0 G3	21,004	B4 U0 G4	15,986	B3 U0 G3	21,444	B4 U0 G4	N/A	
14	20,189	B4 U0 G3	24,350	B4 U0 G4	18,532	B3 U0 G3	24,860	B4 U0 G4	N/A	
16	23,074	B4 U0 G4	27,828	B4 U0 G4	21,179	B4 U0 G4	28,411	B4 U0 G4	N/A	
700mA										
04	6,943	B2 U0 G2	8,379	B2 U0 G2	6,373	B2 U0 G2	8,549	B3 U0 G3	N/A	
06	10,296	B3 U0 G3	12,425	B3 U0 G3	9,451	B3 U0 G3	12,678	B3 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>.

Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

25



RESTL Test Report #: PL12399-003A
 ARE-EDG-2S-**-06-E-UL-525-40K
 Initial Delivered Lumens: 10,843

TSP-EDG-2S-**-10-E-UL-525-40K
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 18,640
 Initial FC at grade

Type II 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	4,412	B1 U0 G1	5,327	B2 U0 G2	4,050	B1 U0 G1	5,433	B2 U0 G2	1,739	B1 U0 G1
06	6,543	B2 U0 G2	7,900	B2 U0 G2	6,006	B2 U0 G2	8,056	B2 U0 G2	2,578	B1 U0 G1
08	8,724	B2 U0 G2	10,533	B3 U0 G3	8,008	B2 U0 G2	10,742	B3 U0 G3	3,437	B1 U0 G1
10	10,879	B3 U0 G3	13,135	B3 U0 G3	9,986	B3 U0 G3	13,395	B3 U0 G3	4,286	B1 U0 G1
12	13,054	B3 U0 G3	15,762	B3 U0 G3	11,983	B3 U0 G3	16,074	B3 U0 G3	5,144	B2 U0 G2
14	15,133	B3 U0 G3	18,272	B3 U0 G3	13,891	B3 U0 G3	18,635	B3 U0 G3	5,963	B2 U0 G2
16	17,295	B3 U0 G3	20,883	B3 U0 G3	15,876	B3 U0 G3	21,297	B3 U0 G3	6,815	B2 U0 G2
525mA										
04	6,269	B2 U0 G2	7,560	B2 U0 G2	5,754	B2 U0 G2	7,719	B2 U0 G2		N/A
06	9,295	B3 U0 G3	11,211	B3 U0 G3	8,532	B2 U0 G2	11,446	B3 U0 G3		N/A
08	12,394	B3 U0 G3	14,948	B3 U0 G3	11,377	B3 U0 G3	15,261	B3 U0 G3		N/A
10	15,455	B3 U0 G3	18,640	B3 U0 G3	14,187	B3 U0 G3	19,031	B3 U0 G3		N/A
12	18,546	B3 U0 G3	22,368	B3 U0 G3	17,024	B3 U0 G3	22,837	B4 U0 G4		N/A
14	21,500	B3 U0 G3	25,931	B4 U0 G4	19,735	B3 U0 G3	26,474	B4 U0 G4		N/A
16	24,572	B4 U0 G4	29,636	B4 U0 G4	22,555	B4 U0 G4	30,256	B4 U0 G4		N/A
700mA										
04	7,394	B2 U0 G2	8,923	B2 U0 G2	6,787	B2 U0 G2	9,104	B3 U0 G3		N/A
06	10,964	B3 U0 G3	13,232	B3 U0 G3	10,064	B3 U0 G3	13,501	B3 U0 G3		N/A

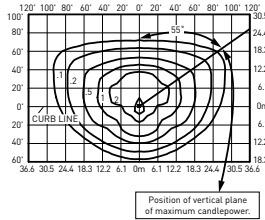
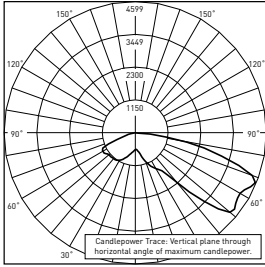
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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>

Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

3M



RESTL Test Report #: PL09405-001A
ARE-EDG-3M--10-E-UL-525-40K**
Initial Delivered Lumens: 9,460

TSP-EDG-3M--10-E-UL-525-40K**
Mounting Height: 25' [7.6m] A.F.G.
Initial Delivered Lumens: 16,594
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
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

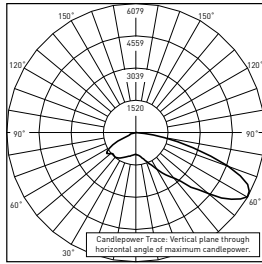
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

THE EDGE® LED Transportation Luminaire

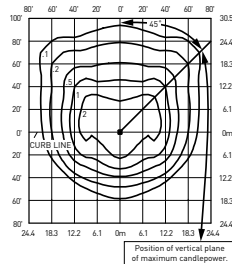
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

4M



RESTL Test Report #: PL10270-001B
ARE-EDG-4M-**-06-E-UL-525-40K
Initial Delivered Lumens: 10,483



TSP-EDG-4M-**-10-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 17,504
Initial FC at grade

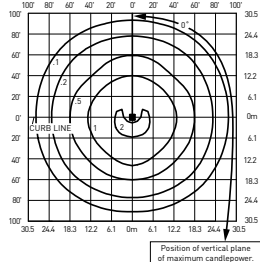
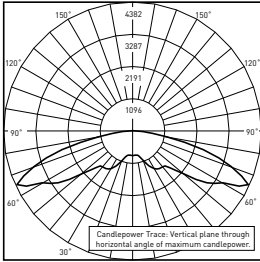
Type IV Medium Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA										
04	4,143	B1 U0 G1	5,003	B2 U0 G1	3,803	B1 U0 G1	5,102	B2 U0 G1	1,633	B1 U0 G1
06	6,144	B2 U0 G1	7,418	B2 U0 G2	5,640	B2 U0 G1	7,565	B2 U0 G2	2,421	B1 U0 G1
08	8,192	B2 U0 G2	9,891	B2 U0 G2	7,519	B2 U0 G2	10,087	B2 U0 G2	3,228	B1 U0 G1
10	10,215	B2 U0 G2	12,334	B3 U0 G2	9,377	B2 U0 G2	12,578	B3 U0 G2	4,025	B1 U0 G1
12	12,258	B2 U0 G2	14,801	B3 U0 G3	11,252	B2 U0 G2	15,094	B3 U0 G3	4,830	B1 U0 G1
14	14,211	B3 U0 G3	17,158	B3 U0 G3	13,044	B3 U0 G2	17,498	B3 U0 G3	5,599	B2 U0 G1
16	16,241	B3 U0 G3	19,609	B3 U0 G3	14,908	B3 U0 G3	19,998	B3 U0 G3	6,399	B2 U0 G1
525mA										
04	5,886	B2 U0 G1	7,099	B2 U0 G2	5,403	B2 U0 G1	7,248	B2 U0 G2		N/A
06	8,729	B2 U0 G2	10,527	B2 U0 G2	8,012	B2 U0 G2	10,748	B2 U0 G2		N/A
08	11,638	B2 U0 G2	14,037	B3 U0 G2	10,683	B2 U0 G2	14,331	B3 U0 G2		N/A
10	14,513	B3 U0 G3	17,504	B3 U0 G3	13,322	B3 U0 G2	17,870	B3 U0 G3		N/A
12	17,415	B3 U0 G3	21,004	B3 U0 G3	15,986	B3 U0 G3	21,444	B3 U0 G3		N/A
14	20,189	B3 U0 G3	24,350	B3 U0 G3	18,532	B3 U0 G3	24,860	B4 U0 G3		N/A
16	23,074	B3 U0 G3	27,828	B4 U0 G3	21,179	B3 U0 G3	28,411	B4 U0 G3		N/A
700mA										
04	6,943	B2 U0 G1	8,379	B2 U0 G2	6,373	B2 U0 G1	8,549	B2 U0 G2		N/A
06	10,296	B2 U0 G2	12,425	B3 U0 G2	9,451	B2 U0 G2	12,678	B3 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>

Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

5M



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

TSP-EDG-5M-**-10-E-UL-525-40K
 Mounting Height: 25' [7.6m] A.F.G.
 Initial Delivered Lumens: 18,413
 Initial FC at grade

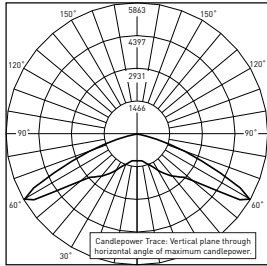
Type V Medium Distribution										
LED Count (x10)	3000K		4000K		5000K		5700K		TRL	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial 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
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>.

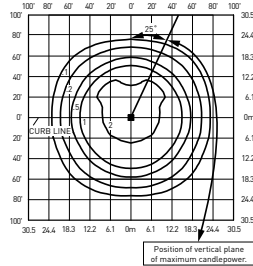
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

55



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



TSP-EDG-5S-**-10-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 20,459
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
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

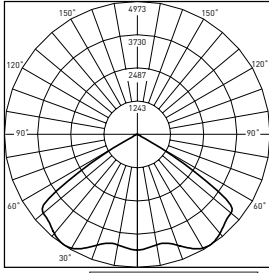
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

THE EDGE® LED Transportation Luminaire

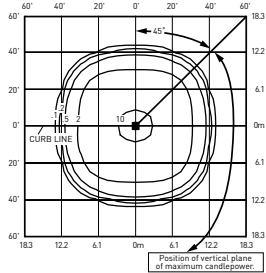
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

PS



Candlepower Trace: Vertical plane through horizontal angle of maximum candiepower.



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

TSP-EDG-PS-**-10-E-UL-525-40K
Mounting Height: 25' [7.6m] A.F.G.
Initial Delivered Lumens: 20,913
Initial FC at grade

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
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

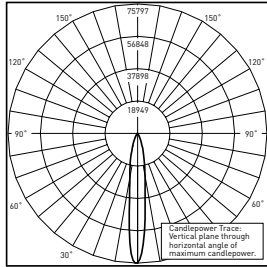
* Initial delivered lumens at 25°C [77°F]. Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>.

THE EDGE® LED Transportation Luminaire

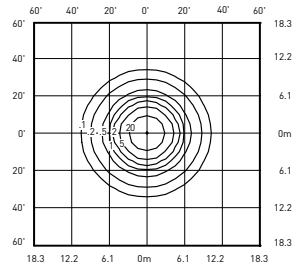
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

15°



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



TSP-EDG-15-**-10-E-UL-525-40K
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 20,913
 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
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

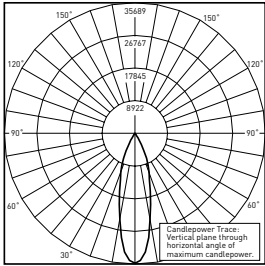
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

THE EDGE® LED Transportation Luminaire

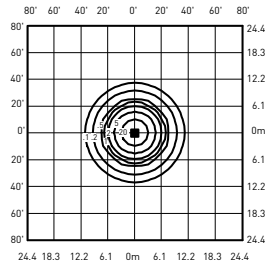
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

25°



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



TSP-EDG-25-**-10-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 20,913
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
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

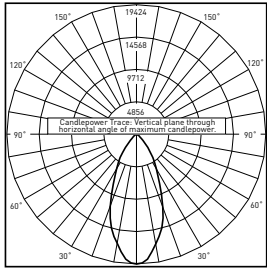
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

THE EDGE® LED Transportation Luminaire

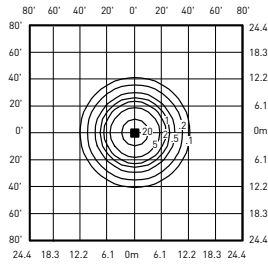
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/the-edge-transportation-mount>

40°



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

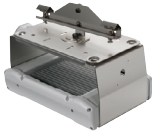


TSP-EDG-40-**-10-E-UL-525-40K
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 20,459
 Initial FC at grade

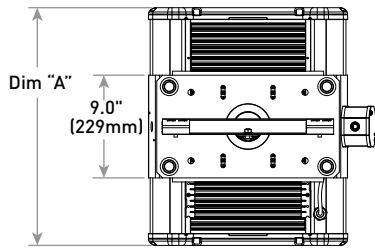
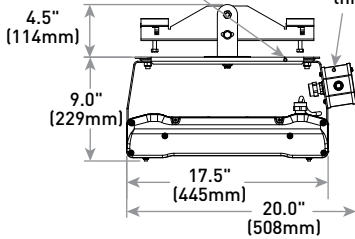
40° Flood Distribution					
LED Count (x10)	3000K	4000K	5000K	5700K	TRL
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
350mA					
04	4,843	5,847	4,445	5,963	1,908
06	7,181	8,671	6,592	8,842	2,830
08	9,575	11,561	8,789	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
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
 ** 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>

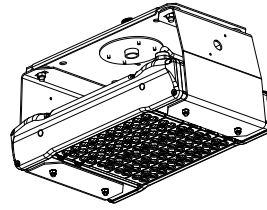
CM Mount



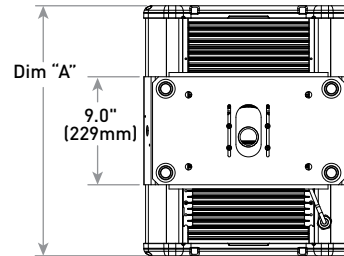
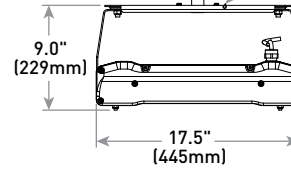
Heavy Gauge SS Cradle and Cantenary Cable Clamp
Integral J-Box Suitable for thru Wiring



PD1/PD2 Mount



SS NPT Pendant Connection
0.14" Thick SS Cradle Brackets



LED Count (x10)	Dimension "A"
04-10	12.0" (305mm)
12-16	21.0" (533mm)

LED Count (x10)	Weight
04	34.0 lbs. (15.4kg)
06	35.5 lbs. (16.1kg)
08	37.0 lbs. (16.7kg)
10	41.0 lbs. (18.5kg)
12	51.5 lbs. (23.3kg)
14	53.0 lbs. (24.0kg)
16	55.0 lbs. (24.9kg)

LED Count (x10)	Dimension "A"
04-10	12.0" (305mm)
12-16	21.0" (533mm)

LED Count (x10)	Weight
04	28.6 lbs. (13.0kg)
06	30.2 lbs. (13.7kg)
08	31.5 lbs. (14.3kg)
10	35.8 lbs. (16.2kg)
12	46.0 lbs. (20.9kg)
14	47.5 lbs. (21.5kg)
16	49.5 lbs. (22.5kg)