

Notes:

Product	Family	Optic	Mounting	# of LEDs (x 10)	LED Series	Voltage	Color Options	Drive Current Not Field Adjustable	Factory-Installed Options Please type additional options in manually on the lines provided above.
PKG	EDG	25 ¹	DM ²	04 ³ 06 ³ 08 ³ 10	D	UL Universal 120–277V UH Universal 347–480V 12 120V 24 240V 27 277V 34 347V	SV Silver (Standard) BK Black BZ Bronze PB Platinum Bronze WH White	350 350mA 525 525mA 700* 700mA	40K 4000K Color Temperature ⁵ DIM 0–10V Dimming ^{6,7} F Fuse ^{8,9,10} HL Hi/Low (175/350/525, dual circuit input) ¹¹ ML Multi-Level (75/525) ¹¹ P Photocell ^{10,12,13}

Footnotes

- Distribution similar to flood narrow (25°)
- Direct mount
- Consists of multiple 20 LED light bars. 40, 60, and 80 LED units use blanks as needed in place of populated light bars
- Available on fixtures with 40–60 LEDs
- Color temperature per fixture; 5700K standard; minimum 70 CRI
- Control by others
- Refer to dimming spec sheet for availability and additional information
- Not available when UH or 34 voltage is selected
- When code dictates fusing use time delay fuse
- Not available with all multi-level options. Refer to multi-level spec sheet for availability and additional information
- Refer to multi-level spec sheet for availability and additional information
- Must specify voltage other than UL, UH, or 34
- Not available on fixtures with 100 LEDs

LED PERFORMANCE SPECS

# of LEDs	Initial Delivered Lumens – 25° Optic @ 6000K	Initial Delivered Lumens – 25° Optic @ 4300K	System Watts 120–480V	Total Current @ 120V	Total Current @ 208V	Total Current @ 240V	Total Current @ 277V	Total Current @ 347V	Total Current @ 480V	L ₇₀ Hours* @ 25° C (77° F)	50K Hours Lumen Maintenance Factor* @ 15° C (59° F)
350mA Fixture Operating at 25° C (77° F)											
40 ³	4,572 (04)	4,213 (04)	47	0.40	0.24	0.21	0.19	0.15	0.12	>150,000	93%
60 ⁴	6,769 (06)	6,239 (06)	68	0.58	0.34	0.30	0.26	0.20	0.16	>150,000	
80	9,025 (08)	8,318 (08)	90	0.77	0.44	0.38	0.34	0.26	0.20	>150,000	
100	11,253 (10)	10,372 (10)	111	0.95	0.55	0.47	0.42	0.32	0.24	>150,000	
525mA Fixture Operating at 25° C (77° F)											
40 ³	6,400 (04)	5,899 (04)	70	0.57	0.33	0.29	0.26	0.21	0.16	136,000	92%
60 ⁴	9,477 (06)	8,734 (06)	102	0.87	0.50	0.44	0.39	0.30	0.22	129,000	
80	12,636 (08)	11,645 (08)	133	1.14	0.65	0.56	0.49	0.39	0.29	129,000	
100	15,755 (10)	14,520 (10)	172	1.47	0.85	0.75	0.67	0.51	0.38	128,000	
700mA Fixture Operating at 25° C (77° F)											
40 ³	7,818 (04)	7,205 (04)	93	0.79	0.45	0.40	0.35	0.27	0.20	111,000	90%
60 ⁴	11,575 (06)	10,668 (06)	137	1.18	0.67	0.59	0.51	0.39	0.29	111,000	

* For recommended lumen maintenance factor data see TD-13



General Description

Slim, low profile design. Fixture is constructed from rugged extruded aluminum, die cast aluminum and stamped metal components. LED driver is mounted in extruded aluminum fixture end and sealed for weather-tight operation. High performance aluminum heatsinks specifically designed for LED parking structure application. Corrosion resistant wire guard provides anti-fouling protection from leaf/debris and animal nesting to assure cool LED operation. Mounting bracket designed to mount directly over existing single gang and octagonal junction boxes for direct mount. Five year limited warranty on fixture.

Electrical

Modular design accommodates varied lighting output from high power, white, 5700K (+/- 500K per full fixture), minimum 70 CRI, long life LED sources. Optional 4000K (+/- 300K per full fixture) also available. 120–277V 50/60 Hz, Class 1 LED drivers are standard. 347–480V Hz 50/60 driver is optional. LED drivers have power factor >90% and THD <20% at full load. Units provided with integral 10kV surge suppression protection standard. Surge protection tested in accordance with IEEE/ANSI C62.41.2.

Testing & Compliance

UL listed in the U.S. and Canada for wet locations. Enclosure rated IP66 per IEC 60529. Consult factory for CE/ENEC Certified products. Dark Sky Friendly. IDA Approved. RoHS compliant.



Finish

Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by our 10 year limited warranty.

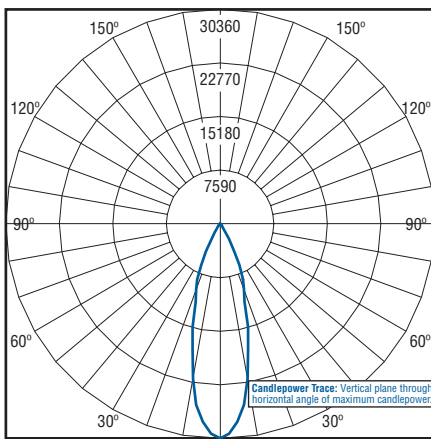
Fixture and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

Patents

U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit www.uspto.gov.

Field-Installed Accessories

Photometrics



Independent Testing Laboratories certified test. Report No. ITL71498. Candlepower trace of 4000K, 60 LED 25° flood luminaire with 11,148 initial delivered lumens operating at 700mA. All published luminaire photometric testing performed to IESNA LM-79-08 standards.

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Fixture
0-30	9,620.2	86.30	86.30
0-40	10,611.19	95.20	95.20
0-60	11,039.73	99.00	99.00
0-90	11,148.02	100.00	100.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
0-180	11,148.02	100.00	100.00

Coefficients of Utilization

1.
Effective Floor Cavity Reflectance = 0.20

CC	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10				
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10				
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			
2	110	105	102	99	107	104	100	98	100	98	96	97	95	94	95	93	92	90			
3	105	100	95	92	103	98	94	91	96	92	90	93	91	88	91	89	87	85			
4	101	94	90	86	99	93	89	86	91	87	85	89	86	84	88	85	83	81			
5	97	90	85	81	95	89	84	81	87	83	80	86	82	79	84	81	79	77			
6	93	86	81	77	92	85	80	77	83	79	76	82	78	76	81	78	75	74			
7	90	82	77	73	88	81	76	73	84	80	73	79	75	72	78	75	72	71			
8	86	78	73	70	85	78	73	70	81	77	69	76	72	69	75	72	69	68			
9	83	75	70	67	82	75	70	67	78	74	67	73	69	66	72	69	66	65			
10	80	72	67	64	79	72	67	64	76	72	64	70	67	64	70	66	64	63			

Luminance Data

Angle	Average (0°)	Average (45°)	Average (90°)
45°	15,084	16,412	13,584
55°	9,615	7,924	8,505
65°	5,879	5,162	5,306
75°	3,161	3,629	3,044
85°	1,043	348	1,043

