

Notes:

Product	Family	Optic in Degrees	Mounting	# of LEDs (x 10)	LED Series	Voltage	Color Options	Factory-Installed Options
PKG	EDG	10 ¹	DM ²	04 ³ 06 ³ 08 ³ 10	C	UL Universal 120-277V UH ⁴ Universal 347-480V 12 120V 24 240V 27 277V 34 ⁴ 347V	SV Silver BZ Bronze BK Black WH White PB Platinum Bronze	43K 4300K Color Temperature ⁵ 525 525mA Drive Current ⁶⁻⁸ F Fuse ⁹ HL Hi/Low (175/350/525, dual circuit input) ¹⁰ P Photocell ^{11,12} ML Multi-Level (75/525) ¹⁰

Please type additional options in manually on the lines provided above.

Footnotes

- Distribution similar to spot (10°)
- 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
- Not available when 525mA option is selected
- Color temperature per fixture; minimum 70 CRI
- Driver operates at 525mA instead of the standard 350mA providing a higher lumen output and a shorter life
- Available on fixtures with 40-100 LEDs
- Not available when UH or 34 voltage is selected
- When code dictates fusing use time delay fuse
- Refer to multi level spec sheet for availability and additional information
- Must specify voltage other than UL, UH or 34
- Not available with multi-level options

LED PERFORMANCE SPECS

# of LEDs	Initial Delivered Lumens – 10° Flood Optic @ 6000K	Initial Delivered Lumens – 10° Flood Optic @ 4300K	System Watts 120-277V	Total Current @ 120V	Total Current @ 230V	Total Current @ 277V	System Watts 347-480V*	Total Current @ 347V	Total Current @ 480V	L ₇₀ Hours** @ 25° C (77° F)
350mA (Standard) Fixture Operating at 25° C (77° F)										
40	3,916 (04)	3,435 (04)	49	0.41	0.23	0.20	51	0.15	0.12	105,000
60	5,874 (06)	5,152 (06)	71	0.60	0.32	0.28	74	0.22	0.17	105,000
80	7,832 (08)	6,869 (08)	93	0.78	0.41	0.35	96	0.28	0.21	105,000
100	9,789 (10)	8,587 (10)	116	0.98	0.52	0.43	119	0.35	0.26	105,000
525mA Fixture Operating at 25° C (77° F)										
40	5,091 (04)	4,465 (04)	69	0.58	0.31	0.27	75	0.22	0.19	61,000
60	7,636 (06)	6,697 (06)	110	0.92	0.49	0.41	116	0.33	0.27	61,000
80	10,181 (08)	8,930 (08)	138	1.16	0.62	0.54	145	0.42	0.32	61,000
100	12,726 (10)	11,162 (10)	177	1.49	0.79	0.68	186	0.53	0.40	61,000

* Utilizes magnetic step-down transformer when 525mA drive current or multi-level options are selected

** For recommended lumen depreciation data see TD-13

NOTE: All data subject to change without notice.

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Made in the U.S.A. of U.S. and imported parts.
Meets Buy American requirements within the ARRA.



General Description

Slim, low profile design. Fixture is constructed from rugged extruded aluminum and stamped metal components. LED driver is mounted in extruded aluminum fixture ends 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, 6000K (+/- 500K per full fixture), minimum 70 CRI, long life LED sources. 120–277V 50/60 Hz, Class 1 LED drivers are standard. 347–480V 50/60 Hz option is available. LED drivers have power factor >90% and THD <20% of full load. Units provided with integral 10kV surge suppression protection standard. Surge protection tested in accordance with IEEE C62.41.2 and ANSI standard 62.41.2.

Testing & Compliance

UL listed in the U.S. and Canada for wet locations. Consult factory for CE 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.

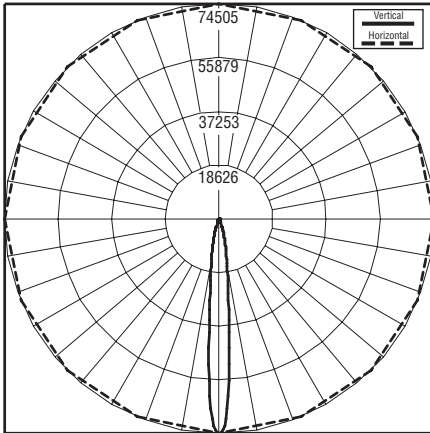
Fixture and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

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. ITL64783. Candlepower trace of 6000K, 60 LED 10° flood luminaire with 6,109 initial delivered lumens operating at 350mA. All published luminaire photometric testing performed to IESNA LM-79-08 standards.

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Fixture
0-30	5680.99	93.00	92.90
0-40	5930.71	97.10	97.00
0-60	6089.93	99.70	99.60
0-90	6117.15	100.10	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	6117.15	100.10	100.00

Coefficients of Utilization

Effective Floor Cavity Reflectance = 0.20

CC	80				70				50				30				10				0
	WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	100		
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	107	107	107	102	102	102	100			
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97			
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94			
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92			
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89			
5	103	97	94	91	102	97	93	90	95	92	90	94	91	89	92	90	88	87			
6	100	95	91	88	99	94	90	88	93	89	87	91	89	87	90	88	86	85			
7	98	92	88	85	97	91	88	85	90	87	84	89	87	84	88	86	84	83			
8	96	90	86	83	95	89	86	83	88	85	83	88	85	83	87	84	82	81			
9	94	88	84	81	93	87	84	81	86	83	81	85	83	81	85	83	81	80			
10	92	86	82	80	91	85	82	80	85	82	79	84	81	79	84	81	79	78			

Luminance Data

Angle	Average (0°)	Average (45°)	Average (90°)
45°	5956	5314	5956
55°	3539	2906	3275
65°	2079	1219	2079
75°	1639	585	585
85°	0	0	0

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