

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.
ARE	EDR	5S ¹	R5 ²	04 ³ 06 ³ 08 ³ 10 ³ 12	D	UL Universal 120–277V UH Universal 347–480V 34 347V	SV Silver BK Black BZ Bronze PB Platinum Bronze WH White	350 350mA 525 525mA 700 ⁴ 700mA	43K 4300K Color Temperature ⁵ DIM 0–10V Dimming ^{6,7} F Fuse ^{8,9,10} HL Hi/Low (175/350/525, dual circuit input) ¹¹ P Photocell ^{9,10} TL Two-Level (175/525 w/ integrated sensor control) ¹¹ TL2 Two-Level (0/350 w/ integrated sensor control) ¹¹ TL3 Two-Level (0/525 w/ integrated sensor control) ¹¹

Footnotes

1. IESNA Type V Short distribution
2. Spider mount, center direct fits inside 5" (127mm) round pole
3. Consists of multiple 20 LED light bars 40, 60, 80, and 100 LED units use blanks as needed in place of populated light bars
4. Available on fixtures with 40–60 LEDs
5. Color temperature per fixture; 6000K standard; minimum 70 CRI
6. Control by others
7. Refer to dimming spec sheet for availability and additional information
8. When code dictates fusing use time delay fuse
9. Not available when UH voltage is selected
10. Not available with all multi-level options. Refer to multi-level spec sheet for availability and additional information
11. Refer to the multi-level spec sheet for availability and additional information

LED PERFORMANCE SPECS

# of LEDs	Initial Delivered Lumens – Type V Short @ 6000K	B U G			Initial Delivered Lumens – Type V Short @ 4300K	B U G			System Watts 120–277V	Total Current @ 120V	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)
		Rating**				Rating**										
350mA Fixture Operating at 25° C (77° F)																
40 ³	4,472 (04)	2	1	1	4,122 (04)	2	1	1	47	0.40	0.21	0.19	0.15	0.12	>150,000	93%
60 ³	6,622 (06)	3	1	1	6,103 (06)	3	1	1	68	0.58	0.30	0.26	0.20	0.16	>150,000	
80 ³	8,829 (08)	3	1	1	8,137 (08)	3	1	1	90	0.77	0.38	0.34	0.26	0.20	>150,000	
100 ³	11,009 (10)	3	1	2	10,146 (10)	3	1	2	111	0.95	0.47	0.42	0.32	0.24	>150,000	
120	13,210 (12)	4	1	2	12,175 (12)	3	1	2	132	1.15	0.56	0.50	0.38	0.28	>150,000	
525mA Fixture Operating at 25° C (77° F)																
40 ³	6,261 (04)	3	1	1	5,771 (04)	3	1	1	70	0.57	0.29	0.26	0.21	0.16	136,000	92%
60 ³	9,271 (06)	3	1	2	8,544 (06)	3	1	1	102	0.87	0.44	0.39	0.30	0.22	129,000	
80 ³	12,361 (08)	4	2	2	11,392 (08)	3	1	2	133	1.14	0.56	0.49	0.39	0.29	129,000	
100 ³	15,412 (10)	4	1	2	14,205 (10)	4	1	2	172	1.47	0.75	0.67	0.51	0.38	128,000	
120	18,495 (12)	4	2	2	17,045 (12)	4	1	2	204	1.76	0.88	0.78	0.60	0.44	128,000	
700mA Fixture Operating at 25° C (77° F)																
40 ³	7,648 (04)	3	1	1	7,048 (04)	3	1	1	93	0.79	0.40	0.35	0.27	0.20	111,000	90%
60 ³	11,323 (06)	3	1	2	10,436 (06)	3	1	2	137	1.18	0.59	0.51	0.39	0.29	111,000	

* For recommended lumen maintenance factor data see TD-13

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit www.iesna.org/PDF/Erratas/TM-15-07BugRatingsAddendum.pdf



General Description

Slim, low profile design minimizes wind load requirements. Fixture sides are rugged cast aluminum with integral, weather-tight LED driver compartments, spun aluminum vented cover and high performance aluminum heatsinks. Post top mounting consists of precision machined, extruded aluminum arms (4) mounted to weather tight cast lower hub with center bolt direct mount system for 5" (127mm) round poles. Direct mount system provides clean hardware-less outer appearance. 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. Optional 4300K (+/- 300K per full fixture) also available. 120–277V 50/60 Hz, Class 1 LED drivers are standard. 347–480V 50/60 Hz driver is optional. LED drivers have power factor >90% and THD <20% at full load. Units provided with integral 10kV surge suppression protection standard. Integral weather-tight electrical box with terminal strips (12Ga - 20Ga) for easy power hook-up. Surge protection tested in accordance with IEEE/ANSI C62.41.2.

Testing & Compliance

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



Finish

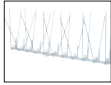
Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by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

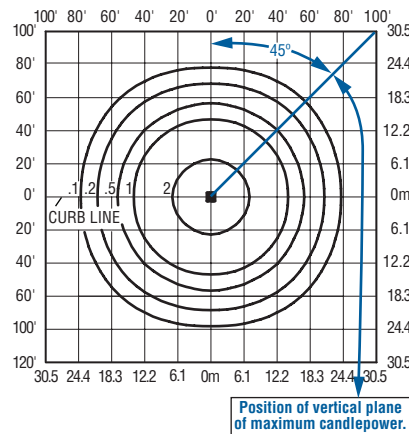
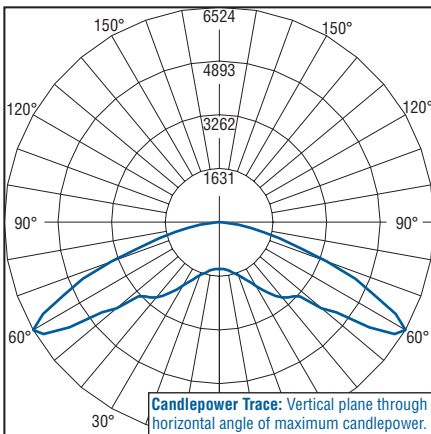
U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit www.uspto.gov.

Field-Installed Accessories



Bird Spikes
XA-BRDSPK

Photometrics



Independent Testing Laboratories certified test. Report No. ITL68092 Candlepower trace of 4300K, 120 LED Type V Short area luminaire with 17,059 initial delivered lumens operating at 525mA. All published luminaire photometric testing performed to IESNA LM-79-08 standards.

Isofootcandle plot of 4300K, 120 LED Type V Short Area Round luminaire at 25' (7.6m) A.F.G. Luminaire with 17,045 initial delivered lumens operating at 525mA. Initial FC at grade.

THE EDGE® EPA & Weight Calculations

# of LEDs	Approximate Weight	
	120–277V ¹	Post Top
Post Top Mount		
40	39.7 lbs. (18kg)	1.10
60	40.9 lbs. (18.6kg)	1.10
80	42.6 lbs. (19.4kg)	1.10
100	43.7 lbs. (19.9kg)	1.10
120	45.3 lbs. (20.6kg)	1.10

1. Add 5 lbs. (2.3kg) for transformer in 347–480V fixtures when multi-level options are selected

