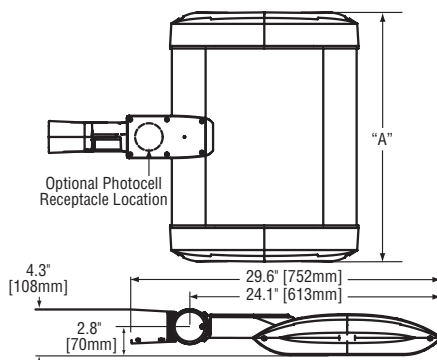


Notes:



# of LEDs	Dim. "A"
20	12.06" [306mm]
40	12.06" [306mm]
60	14.06" [357mm]
80	16.06" [408mm]
100	18.06" [459mm]
120	20.06" [510mm]
140	22.06" [560mm]
160	24.06" [611mm]
200	28.06" [713mm]
240	32.06" [814mm]

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	EDG	5S ¹	AA ²	02	D	UL	SV	350	43K 4300K Color Temperature ⁵
				04		Universal	Silver	350mA	DIM 0-10V Dimming ^{6,7,8}
				06		120-277V	BK	525 ³	F Fuse ^{9,10,11}
				08		UH	Black	525mA	HL Hi/Low (175/350/525, dual circuit input) ¹²
				10		Universal	BZ	700 ⁴	P Photocell ^{11,13}
				12		347-480V	Bronze	700mA	R NEMA Photocell Receptacle ^{11,14,15}
				14		12	PB		ML Multi-Level (75/525) ¹²
				16		120V	Platinum		
				20		24	Bronze		
				24		240V	WH		
						27	White		
						277V			
						34			
						347V			

Footnotes

- IESNA Type V Short distribution
- Adjustable arm for mounting to 2" (2-3/8" [60mm] O.D.) tenon
- Available on fixtures with 20-160 LEDs
- Available on fixtures with 20-60 LEDs
- Color temperature per fixture; 6000K standard; minimum 70 CRI
- Control by others
- Refer to dimming spec sheet for availability and additional information
- Can't exceed specified drive current. Consult factory if exceeding drive current is necessary
- Not available when UH voltage is selected
- When code dictates fusing use time delay fuse
- Not available with all multi-level options. Refer to the multi-level spec sheet for availability and more information
- Refer to multi-level spec sheet for availability and additional information
- Must specify voltage other than UH
- Intended for horizontal mounting
- Photocell by others

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)																		
20	2,236 (02)	1	0	0	2,061 (02)	1	0	0	26	0.20	0.11	0.10	0.09	0.07	>150,000	93%		
40	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			
60	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	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	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			
140	15,342 (14)	4	1	2	14,140 (14)	4	1	2	157	1.34	0.67	0.61	0.47	0.35	149,000			
160	17,534 (16)	4	2	2	16,160 (16)	4	1	2	179	1.54	0.76	0.68	0.53	0.39	149,000			
200	21,918 (20)	4	2	2	20,200 (20)	4	2	2	221	1.92	0.95	0.84	0.65	0.48	149,000			
240	26,301 (24)	5	2	3	24,240 (24)	4	2	2	264	2.30	1.12	1.00	0.77	0.56	149,000			
525mA Fixture Operating at 25° C (77° F)																		
20	3,131 (02)	2	1	1	2,885 (02)	2	1	1	37	0.31	0.17	0.16	0.12	0.10	136,000	92%		
40	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			
60	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	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	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			
140	21,479 (14)	4	2	2	19,796 (14)	4	2	2	233	2.01	0.99	0.87	0.69	0.51	123,000			
160	24,548 (16)	4	2	2	22,624 (16)	4	2	2	265	2.29	1.11	0.98	0.78	0.57	123,000			
700mA Fixture Operating at 25° C (77° F)																		
20	3,824 (02)	2	1	1	3,524 (02)	2	1	1	50	0.42	0.22	0.20	0.15	0.12	111,000	90%		
40	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			
60	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

NOTE: All data subject to change without notice.

© 2011 BetaLED®, a division of Ruud Lighting • 1200 92nd Street • Sturtevant, WI 53177 • 800-236-6800 • www.betaLED.comMade in the U.S.A. of U.S. and imported parts.
Meets Buy American requirements within the ARRA.

General Description

Slim, low profile design minimizes wind load requirements. Fixture sides are rugged cast aluminum with integral, weather-tight LED driver compartments and high performance aluminum heatsinks. Adjustable mounting arm is rugged die cast aluminum and mounts to 2" (51mm) tenon. Includes leaf/debris guard. 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 classified IP66 per IEC 60529 when ordered without P or R options. Consult factory for CE Certified products. Certified to ANSI C136.31-2001 3G bridge & overpass vibration standards. RoHS Compliant.

Product qualified on the Design Lights Consortium ("DLC") Qualified Products List ("QPL") when ordered without backlight control shield.

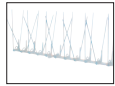
**Finish**

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.

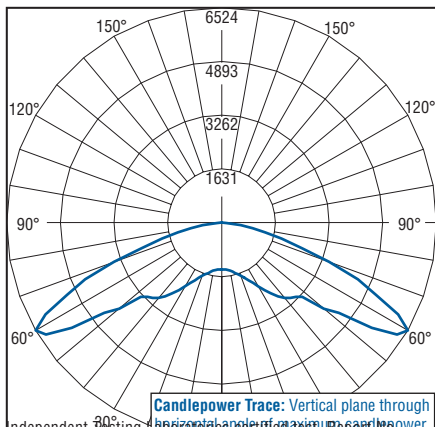
Fixture and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

Patents

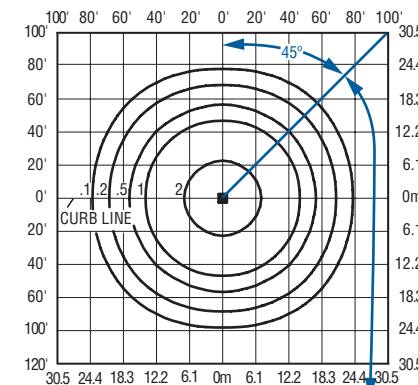
U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit www.uspto.gov.

Field-Installed Accessories

Bird Spikes
XA-BRDSPK

Photometrics

Independent Testing Laboratory Certified to Report Power.
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 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 120–480V ¹	Single	2@ 180°	2@ 90°	3@ 90°	4@ 90°
		■	■ ■	■ ■ ■	■ ■ ■ ■	■ ■ ■ ■ ■
Adjustable Fitter Mount 0°						
20	21.0 lbs. (9.5kg)	0.66	1.31	0.98	1.64	1.97
40	23.8 lbs. (10.8kg)	0.66	1.31	0.98	1.64	1.97
60	27.1 lbs. (12.3kg)	0.66	1.31	1.02	1.68	2.05
80	28.2 lbs. (12.8kg)	0.66	1.31	1.07	1.72	2.13
100	35.4 lbs. (16.1kg)	0.66	1.31	1.11	1.76	2.21
120	33.5 lbs. (15.2kg)	0.66	1.31	1.15	1.80	2.29
140	36.9 lbs. (16.7kg)	0.66	1.31	1.19	1.84	2.38
160	41.4 lbs. (18.8kg)	0.66	1.31	1.23	1.89	2.46
200	43.3 lbs. (19.6kg)	0.66	1.31	1.31	1.97	2.62
240	47.8 lbs. (21.7kg)	0.74	1.48	n/a ²	n/a ²	n/a ²

1. Add 5 lbs. (2.3kg) for transformer in 347–480V fixtures when multi-level options are selected.
2. For applications requiring 240 LEDs at 90 degrees refer to the DL mount version of our spec sheet.

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