

| # 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] |

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 | EDG | 5M 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 ⁹ | 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 Medium 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 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 UH
- Intended for horizontal mounting
- Photocell by others

LED PERFORMANCE SPECS

| # of LEDs | Initial Delivered Lumens – Type V Medium @ 6000K | B U G | | Initial Delivered Lumens – Type V Medium @ 4300K | B U G | | System Watts 120-480V | Total Current @ 120V | Total Current @ 230V | 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 | 2,013 (02) | 1 | 1 | 1 | 1 | 1 | 26 | 0.20 | 0.11 | 0.10 | 0.09 | 0.07 | >150,000 | 93% |
| 40 | 4,025 (04) | 2 | 1 | 1 | 2 | 1 | 47 | 0.40 | 0.21 | 0.19 | 0.15 | 0.12 | >150,000 | |
| 60 | 5,960 (06) | 3 | 2 | 1 | 3 | 2 | 68 | 0.58 | 0.30 | 0.26 | 0.20 | 0.16 | >150,000 | |
| 80 | 7,946 (08) | 3 | 2 | 2 | 3 | 2 | 90 | 0.77 | 0.38 | 0.34 | 0.26 | 0.20 | >150,000 | |
| 100 | 9,908 (10) | 4 | 3 | 2 | 3 | 3 | 111 | 0.95 | 0.47 | 0.42 | 0.32 | 0.24 | >150,000 | |
| 120 | 11,889 (12) | 4 | 3 | 2 | 4 | 3 | 132 | 1.15 | 0.56 | 0.50 | 0.38 | 0.28 | >150,000 | |
| 140 | 13,808 (14) | 4 | 3 | 2 | 4 | 3 | 157 | 1.34 | 0.67 | 0.61 | 0.47 | 0.35 | 149,000 | |
| 160 | 15,781 (16) | 4 | 3 | 2 | 4 | 3 | 179 | 1.54 | 0.76 | 0.68 | 0.53 | 0.39 | 149,000 | |
| 200 | 19,726 (20) | 4 | 3 | 2 | 4 | 3 | 221 | 1.92 | 0.95 | 0.84 | 0.65 | 0.48 | 149,000 | |
| 240 | 23,671 (24) | 5 | 3 | 3 | 5 | 3 | 264 | 2.30 | 1.12 | 1.00 | 0.77 | 0.56 | 149,000 | |
| 525mA Fixture Operating at 25° C (77° F) | | | | | | | | | | | | | | |
| 20 | 2,818 (02) | 2 | 1 | 1 | 2 | 1 | 37 | 0.31 | 0.17 | 0.16 | 0.12 | 0.10 | 136,000 | 92% |
| 40 | 5,635 (04) | 3 | 2 | 1 | 3 | 2 | 70 | 0.57 | 0.29 | 0.26 | 0.21 | 0.16 | 136,000 | |
| 60 | 8,344 (06) | 3 | 2 | 2 | 3 | 2 | 102 | 0.87 | 0.44 | 0.39 | 0.30 | 0.22 | 129,000 | |
| 80 | 11,125 (08) | 4 | 3 | 2 | 4 | 3 | 133 | 1.14 | 0.56 | 0.49 | 0.39 | 0.29 | 129,000 | |
| 100 | 13,871 (10) | 4 | 3 | 2 | 4 | 3 | 172 | 1.47 | 0.75 | 0.67 | 0.51 | 0.38 | 128,000 | |
| 120 | 16,645 (12) | 4 | 3 | 2 | 4 | 3 | 204 | 1.76 | 0.88 | 0.78 | 0.60 | 0.44 | 128,000 | |
| 140 | 19,331 (14) | 4 | 3 | 2 | 4 | 3 | 233 | 2.01 | 0.99 | 0.87 | 0.69 | 0.51 | 123,000 | |
| 160 | 22,092 (16) | 5 | 3 | 3 | 5 | 3 | 265 | 2.29 | 1.11 | 0.98 | 0.78 | 0.57 | 123,000 | |
| 700mA Fixture Operating at 25° C (77° F) | | | | | | | | | | | | | | |
| 20 | 3,441 (02) | 2 | 1 | 1 | 2 | 1 | 50 | 0.42 | 0.22 | 0.20 | 0.15 | 0.12 | 111,000 | 90% |
| 40 | 6,883 (04) | 3 | 2 | 1 | 3 | 2 | 93 | 0.79 | 0.40 | 0.35 | 0.27 | 0.20 | 111,000 | |
| 60 | 10,191 (06) | 4 | 3 | 2 | 3 | 3 | 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.



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

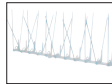
Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by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

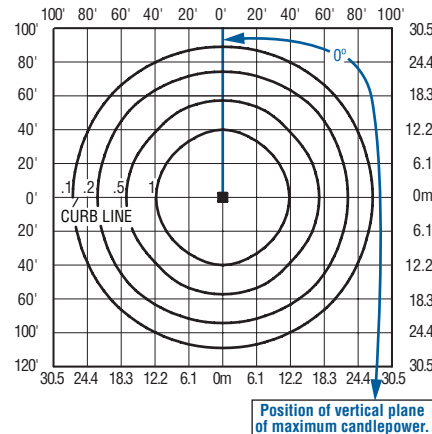
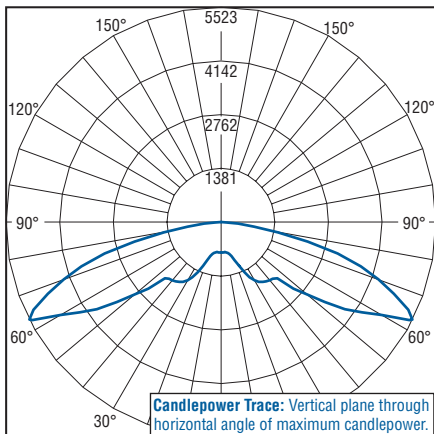
U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit www.uspto.gov.

Field-Installed Accessories



Bird Spikes
XA-BRDSPK

Photometrics



Independent Testing Laboratories certified test. Report No. ITL68282. Candlepower trace of 4300K, 120 LED Type V Medium area luminaire with 16,029 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 Medium area luminaire at 25' (7.6m) A.F.G. Luminaire with 15,341 initial delivered lumens operating at 525mA. Initial FC at grade.

THE EDGE® EPA & Weight Calculations

| # of LEDs | Approximate Weight 120–480V' | Adjustable Fitter Mount 0° | | | | |
|-----------|------------------------------|----------------------------|---------|--------|--------|--------|
| | | Single | 2@ 180° | 2@ 90° | 3@ 90° | 4@ 90° |
| 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/a² | n/a² | n/a² |

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.

NOTE: All data subject to change without notice.

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Meets Buy American requirements within the ARRA.

