

# of LEDs	Dim. "A"
20	11.91" [303mm]
40	11.91" [303mm]
60	13.91" [353mm]
80	15.91" [404mm]
100	17.91" [455mm]
120	19.91" [505mm]

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.
SEC	EDG	4M ¹ 4MB ²	WM ³	02 04 06 08 10 12	D	UL Universal 120-277V UH Universal 347-480V 12 120V 24 240V 277V 34 347V	SV Silver (Standard) BK Black BZ Bronze PB Platinum Bronze WH White	350 350mA 525 ⁴ 525mA 700 ⁵ 700mA	40K 4000K Color Temperature ⁶ DIM 0-10V Dimming ^{7,8,9} F Fuse ^{10,11,12} P Photocell ^{11,12} ML Multi-Level (75/525) ¹³

Footnotes

- 1. IESNA Type IV Medium distribution
- 2. IESNA Type IV Medium distribution w/ backlight control
- 3. Wall mount
- 4. Available on fixtures with 20-80 LEDs
- 5. Available on fixtures with 20-60 LEDs
- 6. Color temperature per fixture; 5700K standard; minimum 70 CRI
- 7. Control by others
- 8. Refer to dimming spec sheet for availability and additional information
- 9. Not available when UH voltage is selected
- 10. When code dictates fusing use time delay fuse
- 11. Not available with all multi-level options. Refer to multi-level spec sheet for availability and additional information
- 12. Must specify voltage other than UL or UH
- 13. Refer to multi-level spec sheet for availability and additional information

LED PERFORMANCE SPECS

# of LEDs	Initial Delivered Lumens – Type IV Medium @ 5700K	B U G Rating**			Initial Delivered Lumens – Type IV Medium w/ Backlight Control @ 5700K	B U G Rating**			Initial Delivered Lumens – Type IV Medium @ 4000K	B U G Rating**			Initial Delivered Lumens – Type IV Medium w/ Backlight Control @ 4000K	B U G Rating**			System Watts @ 120V	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)
		B	U	G		B	U	G		B	U	G		B	U	G								
350mA Fixture Operating at 25° C (77° F)																								
20	1,913 (02)	1	0	1	1,441 (02)	0	1	1	1,763 (02)	1	0	1	1,328 (02)	0	0	1	26	0.20	0.11	0.10	0.09	0.07	>150,000	93%
40	3,826 (04)	1	0	1	2,882 (04)	1	0	1	3,526 (04)	1	0	1	2,656 (04)	1	0	1	47	0.40	0.21	0.19	0.15	0.12	>150,000	
60	5,665 (06)	2	0	2	4,267 (06)	2	0	2	5,221 (06)	1	0	1	3,933 (06)	2	0	1	68	0.58	0.30	0.26	0.20	0.16	>150,000	
80	7,554 (08)	2	0	2	5,690 (08)	2	0	2	6,962 (08)	2	0	2	5,244 (08)	2	0	2	90	0.77	0.38	0.34	0.26	0.20	>150,000	
100	9,419 (10)	2	0	2	7,095 (10)	2	0	2	8,681 (10)	2	0	2	6,539 (10)	2	0	2	111	0.95	0.47	0.42	0.32	0.24	>150,000	
120	11,302 (12)	3	0	3	8,513 (12)	3	0	3	10,417 (12)	2	0	2	7,846 (12)	3	0	3	132	1.15	0.56	0.50	0.38	0.28	>150,000	
525mA Fixture Operating at 25° C (77° F)																								
20	2,678 (02)	1	0	1	2,017 (02)	0	0	1	2,469 (02)	1	0	1	1,859 (02)	0	0	1	37	0.31	0.17	0.16	0.12	0.10	136,000	92%
40	5,357 (04)	2	0	2	4,035 (04)	2	0	1	4,937 (04)	1	0	1	3,719 (04)	2	0	1	70	0.57	0.29	0.26	0.21	0.16	136,000	
60	7,932 (06)	2	0	2	5,974 (06)	2	0	2	7,310 (06)	2	0	2	5,506 (06)	2	0	2	102	0.87	0.44	0.39	0.30	0.22	129,000	
80	10,575 (08)	2	0	2	7,966 (08)	2	0	2	9,747 (08)	2	0	2	7,342 (08)	2	0	2	133	1.14	0.56	0.49	0.39	0.29	129,000	
700mA Fixture Operating at 25° C (77° F)																								
20	3,271 (02)	1	0	1	2,450 (02)	0	0	1	3,015 (02)	1	0	1	2,258 (02)	0	0	1	50	0.42	0.22	0.20	0.15	0.12	111,000	90%
40	6,543 (04)	2	0	2	4,900 (04)	2	0	2	6,030 (04)	2	0	2	4,516 (04)	2	0	2	93	0.79	0.40	0.35	0.27	0.20	111,000	
60	9,688 (06)	2	0	2	7,255 (06)	2	0	2	8,929 (06)	2	0	2	6,686 (06)	2	0	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-15-11BugRatingsAddendum.pdf



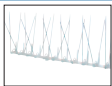
General Description

Slim, low profile design. Fixture sides are rugged cast aluminum with integral, weather-tight LED driver compartments and high performance aluminum heatsinks specifically designed for LED applications. Housing is rugged aluminum. Furnished with low copper, lightweight mounting box designed for installation over standard and mud ring single gang J boxes. Secures to wall with four (4) 3/16" (4.8mm) screws (by others). Conduit entry from top, bottom, sides and rear. Allows mounting for uplight or downlight. Designed and approved for easy through-wiring. Includes leaf/debris guard. Five year limited warranty on fixture.

Electrical

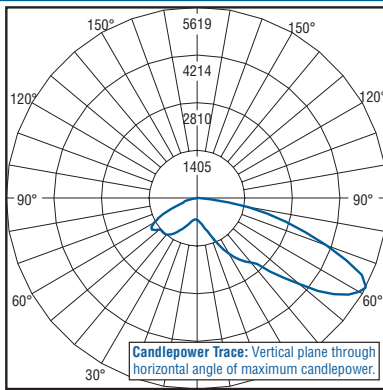
Modular design accommodates varied lighting output from high power, white, 5700K (+/- 500K per full fixture), minimum 70 CRI, long life LED sources. Optional 4000K (+/- 300K per full fixture) also available. 120-277V 50/60 Hz, Class 1 LED drivers are standard. 347-480V 50/60 Hz driver is optional. LED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

Field-Installed Accessories

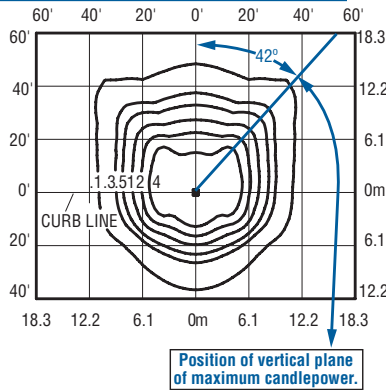


Bird Spikes
XA-BRDSPK

Photometrics



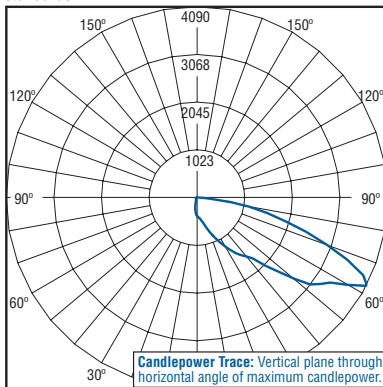
Candlepower Trace: Vertical plane through horizontal angle of maximum candlepower.



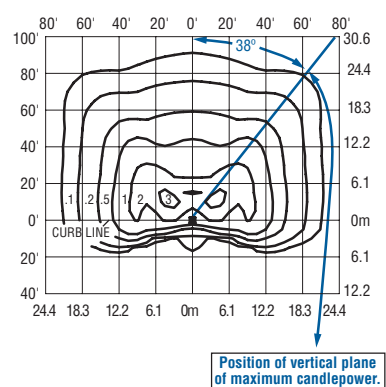
Position of vertical plane of maximum candlepower.

Independent Testing Laboratories certified test. Report No. ITL70291. Candlepower trace of 4000K, 60 LED Type IV Medium area luminaire with 9,524 initial delivered lumens operating at 700mA. **All published luminaire photometric testing performed to IESNA LM-79-08 standards.**

Isofootcandle plot of 4000K, 60 LED Type IV Medium security luminaire at 10' (3m) A.F.G. Luminaire with 8,929 initial delivered lumens operating at 700mA. Initial FC at grade.



Candlepower Trace: Vertical plane through horizontal angle of maximum candlepower.



Position of vertical plane of maximum candlepower.

Independent Testing Laboratories certified test. Report No. ITL68090. Candlepower trace of 4300K, 40 LED Type IV Medium w/ backlight control area luminaire with 4,926 initial delivered lumens operating at 525mA. **All published luminaire photometric testing performed to IESNA LM-79-08 standards.**

Isofootcandle plot of 4000K, 120 LED Type IV Medium area luminaire at 25' (7.6 m) A.F.G. Luminaire with 10,985 initial delivered lumens operating at 525mA. Initial FC at grade.

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.



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.

