

Notes:

Product	Family	Optic	Mounting	# of LEDs (x 10)	LED Series	Voltage	Color Options	Drive Current	Factory-Installed Options
STR	LWY	2M ¹	HT ²	02 03	D	UL Universal 120–277V UH Universal 347–480V	SV Silver ³ BK Black ³ BZ Bronze ³ PB Platinum Bronze ³ WH White ³	700 700mA (Standard) 525 525mA 350 350mA	43K 4300K Color Temperature ⁴ DIM5 0–10V Dimming (525mA maximum) ^{5,6} DIM7 0–10V Dimming (700mA maximum) ^{5,6} F Fuse ^{7,8} HL Hi/Low (175/350/525, dual circuit input) ^{9, 10} N No Quick Disconnect Harness or Leveling Bubble ¹¹ PD Power Door ¹² R NEMA Photocell Receptacle ⁷ SC Door Safety Tether ¹³ UTL Utility Option ¹⁴

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

For additional options, see IP66 spec sheet.

Footnotes

1. IESNA Type II Medium distribution
2. Horizontal tenon mount
3. Light engine portion of extrusion is not painted and will remain natural aluminum regardless of color selection
4. Color temperature per fixture; minimum 70 CRI
5. Control by others
6. Refer to dimming spec sheet for availability and additional information
7. This option not available with all multi-level options. Refer to multi-level spec sheet for more information
8. When code dictates fusing use time delay fuse
9. Refer to multi level spec sheet for availability and additional information
10. Sensor not included
11. Standard product features unless N option is specified
12. All connections between door and fixture are shipped unconnected from the factory; door release spring included to open door automatically when the latches are released
13. Stainless steel aircraft cable
14. Includes exterior wattage label that reflects watts for the drive current selected. The ability to exceed the selected drive current will be disabled.

LED PERFORMANCE SPECS																	
# of LEDs	Initial Delivered Lumens – Type II Medium @ 6000K	B	U	G	Initial Delivered Lumens – Type II Medium @ 4300K	B	U	G	System Watts 120–277V	Total Current @ 120V	Total Current @ 240V	Total Current @ 277V	System Watts 347–480V	Total Current @ 347V	Total Current @ 480V	L ₇₀ Hours** @ 25° C (77° F)	50K Hours Lumen Maintenance** @ 15° C (59° F)
		Rating***				Rating***											
350mA Fixture Operating at 25° C (77° F)																	
20	1,961 (02)	1	1	1	1,807 (02)	1	1	1	25	0.22	0.13	0.14	33	0.09	0.13	> 150,000	99%
30	2,912 (03)	1	1	1	2,684 (03)	1	1	1	36	0.30	0.17	0.16	43	0.12	0.14	> 150,000	97%
525mA Fixture Operating at 25° C (77° F)																	
20	2,745 (02)	1	1	1	2,530 (02)	1	1	1	37	0.31	0.17	0.16	44	0.12	0.14	> 150,000	96%
30	4,076 (03)	1	1	1	3,757 (03)	1	1	1	52	0.44	0.24	0.22	59	0.17	0.16	> 150,000	94%
700mA (Standard) Fixture Operating at 25° C (77° F)																	
20	3,431 (02)	1	1	1	3,162 (02)	1	1	1	50	0.43	0.23	0.21	57	0.16	0.16	> 150,000	93%
30	5,096 (03)	1	1	1	4,696 (03)	1	1	1	72	0.61	0.32	0.28	79	0.23	0.19	> 150,000	90%

* Utilizes magnetic step-down transformer ** For recommended lumen maintenance 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.

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



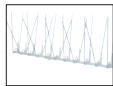
General Description

Fixture housing is all aluminum construction. Standard fixture utilizes terminal block for power input suitable for #2-#14 AWG wire and operates at 700mA. Drive current is field switchable. Fixture is designed to mount on 1.25" IP (1.66" O.D.) and/or 2" IP (2.375" O.D.) horizontal tenon (minimum 8" [203.2mm] in length) and is adjustable +/- 5° to allow for fixture leveling (includes leveling bubble to aid in this process). Fixture carries a limited five year warranty.

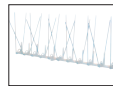
Electrical

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% at full load. Units provided with integral 10kV surge suppression protection standard. Quick disconnect harness suitable for mate and break under load provided on power feed to driver for ease of maintenance. Surge protection tested in accordance with IEEE/ANSI C62.41.2.

Field-Installed Accessories



Bird Spikes for Light Engine
XA-BRDSPK30



Bird Spikes Kit for Housing
XA-BRDSPKHS

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.

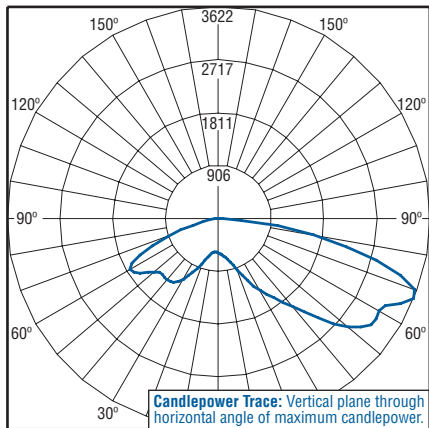
Testing & Compliance

UL listed in the U.S. and Canada for wet locations. Consult factory for CE Certified products. RoHS compliant. Meets CALTrans 611 Vibration Testing and GR-63-CORE Section 4.4.1/5.4.2 Earthquake Zone 4. International Dark-Sky Association approved.

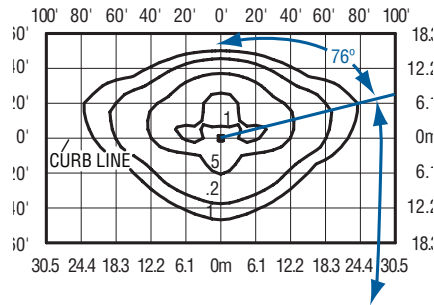
Patents

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.

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. ITL64223. Candlepower trace of 6000K, 40 LED LEDway Streetlight luminaire with IESNA Type II Medium distribution. Luminaire with 6,665 initial delivered lumens operating at 700mA. **All published luminaire photometric testing performed to IESNA LM-79-08 standards.**

Isofootcandle plot of 6000K, 30 LED LEDway Streetlight luminaire with IESNA Type II Medium distribution mounted at 25' A.F.G. Luminaire with 5,096 initial delivered lumens operating at 700mA. Initial FC at grade.

LEDway® EPA & Weight Calculations

Approximate Weight 120-277V*		
20-30 LED fixture	10.5 lbs.	
EPA		
Horizontal Tenon Mount		
1 fixture	0.565	
EPA		
Round External Mount / Square Internal Mount		
Horizontal Tenons with Fixture(s)		
PT/PD-1H	Single	0.785
PT/PD-2H(90)	90° Twin	1.019
PT/PD-2H(180)	180° Twin	1.350
PT/PD-3H(90)	90° Triple	1.534
PT/PD-3H(120)	120° Triple	1.383
PT/PD-4H(90)	90° Quad	1.938
* Add 5 lbs. for transformer in 347-480V		

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