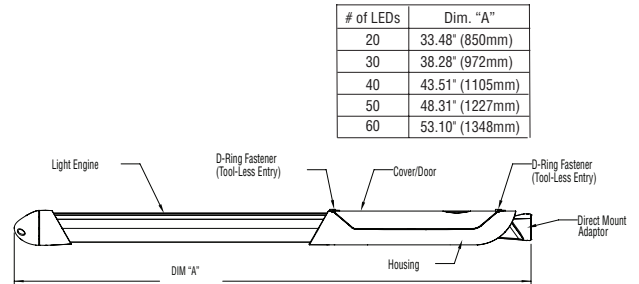
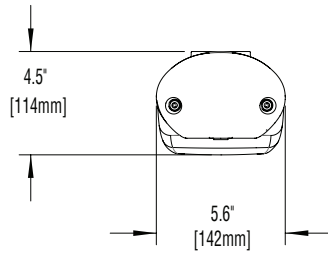


BetaLED Catalog #: ARE - SLM66 - 5S - DA - - D - - - - -



# of LEDs	Dim. "A"
20	33.48" (850mm)
30	38.28" (972mm)
40	43.51" (1105mm)
50	48.31" (1227mm)
60	53.10" (1348mm)

Notes:

Product	Family	Optic	Mounting	# of LEDs (x 10)	LED Series	Voltage	Color Options	Drive Current	Factory-Installed Options
ARE	SLM66	5S ¹	DA ²	<input type="checkbox"/> 02 <input type="checkbox"/> 03 <input type="checkbox"/> 04 <input type="checkbox"/> 05 <input type="checkbox"/> 06	D	<input type="checkbox"/> UL Universal 120-277V <input type="checkbox"/> UH Universal 347-480V	<input type="checkbox"/> SE Silver ³ (Standard) <input type="checkbox"/> BE Black ³ <input type="checkbox"/> ZE Bronze ³ <input type="checkbox"/> PE Platinum Bronze ³ <input type="checkbox"/> WE White ³	<input type="checkbox"/> 1000 1 Amp ^{4,5} <input type="checkbox"/> 700 700mA (Standard) <input type="checkbox"/> 525 525mA	Please type additional options in manually on the lines provided above. <input type="checkbox"/> 40K 4000K Color Temperature ⁶ <input type="checkbox"/> DIM 0-10V Dimming ^{7,8,9} <input type="checkbox"/> F Fuse ^{5,10,11} <input type="checkbox"/> ML Multi-Level (75/525) ¹² <input type="checkbox"/> R NEMA Photocell Receptacle ^{10,13,14} <input type="checkbox"/> TF Tool-Less Entry

Footnotes

- IESNA Type V Short distribution
- Direct arm mount
- Light engine extrusion is painted to match housing
- Available on fixtures with 20-40 LEDs
- Not available when UH voltage is selected
- Color temperature per fixture; 5700K 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 the drive current is necessary.
- Not available with all multi-level options. Refer to multi-level spec sheet for availability and additional information.
- When code dictates fusing use time delay fuse
- Refer to multi-level spec sheet for availability and additional information
- Intended for horizontal mounting
- Photocell by others

LED PERFORMANCE SPECS

# of LEDs	Initial Delivered Lumens - Type V Short @ 5700K	B U G Rating**			Initial Delivered Lumens - Type V Short @ 4000K	B U G Rating**			System Waits 120-480V	Total Current @ 120V	Total Current @ 208V	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									
525mA Fixture Operating at 25° C (77° F)																	
20	3,214 (02)	2	0	1	2,962 (02)	2	0	1	38	0.32	0.20	0.19	0.18	0.12	0.10	> 150,000	93%
30	4,800 (03)	2	0	2	4,423 (03)	2	0	1	55	0.45	0.28	0.25	0.23	0.16	0.13	148,000	
40	6,387 (04)	2	0	2	5,887 (04)	2	0	2	70	0.58	0.35	0.31	0.28	0.21	0.16	145,000	
50	7,964 (05)	3	0	2	7,340 (05)	3	0	2	88	0.74	0.43	0.38	0.34	0.26	0.19	145,000	
60	9,546 (06)	3	0	2	8,798 (06)	3	0	2	106	0.89	0.52	0.46	0.40	0.31	0.23	145,000	
700mA (Standard) Fixture Operating at 25° C (77° F)																	
20	4,132 (02)	2	0	1	3,808 (02)	2	0	1	52	0.43	0.27	0.24	0.22	0.15	0.12	131,000	91%
30	6,171 (03)	2	0	2	5,687 (03)	2	0	2	74	0.62	0.37	0.33	0.29	0.22	0.16	127,000	
40	8,212 (04)	3	0	2	7,568 (04)	3	0	2	94	0.79	0.46	0.41	0.36	0.28	0.20	126,000	
50	10,240 (05)	3	0	3	9,438 (05)	3	0	2	118	0.99	0.58	0.51	0.45	0.34	0.25	124,000	
60	12,273 (06)	3	0	3	11,311 (06)	3	0	3	142	1.20	0.69	0.60	0.53	0.41	0.30	124,000	
1 Amp Fixture Operating at 25° C (77° F)																	
20	5,394 (02)	2	0	2	4,972 (02)	2	0	2	74	0.63	0.37	0.33	0.30	N/A	N/A	95,000	87%
30	8,056 (03)	3	0	2	7,425 (03)	3	0	2	111	0.94	0.54	0.48	0.42	N/A	N/A	89,000	
40	10,721 (04)	3	0	3	9,881 (04)	3	0	2	141	1.19	0.68	0.60	0.52	N/A	N/A	87,000	

*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

Luminaire housing is all aluminum construction. Drive current is field switchable. Convenient, interlocking mounting method. Mounting housing is rugged die cast aluminum and mounts to a minimum 3" (76mm) square or round pole and can be tilted +/-5°. Luminaire is secured by two (2) 5/16-18 UNC bolts spaced on 2" (51mm) centers. Standard luminaire includes 24" (610mm) cord for ease of installation. Luminaire carries a limited five year warranty.

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. Units provided with integral 10kV surge suppression protection standard. 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. Consult factory for CE Certified products. Dark Sky Friendly. IDA Approved. RoHS Compliant.



Finish

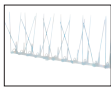
Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by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

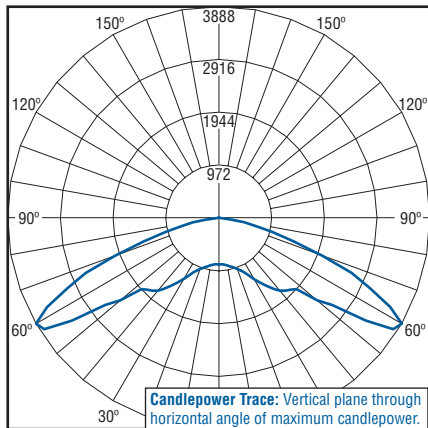
U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit www.uspto.gov.

Field-Installed Accessories

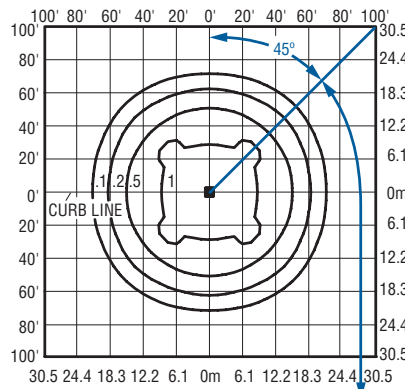


- Bird Spikes for Light Engine**
- XA-BRDSPKSM20
(for use with 20 LED fixture)
 - XA-BRDSPKSM50
(for use with 30–50 LED fixture)
 - XA-BRDSPKSM60
(for use with 60 LED fixture)

Photometrics



Independent Testing Laboratories certified test. Report No. ITL69620. Candlepower trace of 4000K, 40 LED SLM Area luminaire with IESNA Type V Short distribution. Luminaire with 9,926 initial delivered lumens operating at 1000mA. All published luminaire photometric testing performed to IESNA LM-79-08 standards.



Isofootcandle plot of 5700K, 40 LED LEDway SLM Streetlight luminaire with IESNA Type V Short distribution mounted at 25' (7.6m) A.F.G. Luminaire with 10,721 initial delivered lumens operating at 1000mA. Initial FC at grade.

SLM® Area Light EPA & Weight Calculations

# of LEDs	Approximate Weight 120–480V					
	Single	2@ 180°	2@ 90°	3@ 90°	4@ 90°	
Direct Arm Mount						
20	19.8lbs (9.0 kg)	1.25	2.50	1.35	2.60	2.70
30	21.0lbs (9.5 kg)	1.29	2.58	1.39	2.68	2.78
40	22.5lbs (10.2 kg)	1.35	2.70	1.45	2.80	2.90
50	23.9lbs (10.9 kg)	1.39	2.78	1.49	2.88	2.98
60	25.2lbs (11.5 kg)	1.43	2.86	1.53	2.96	3.06

