

SLIDE SERIES

ARCHITECTURAL AREA LUMINAIRE

Cat.#

Job

Type



BEACON
design · performance · technology

Approvals

SPECIFICATIONS

Intended Use:

The Beacon Slide luminaire is available with a choice of different LED Wattage configurations and optical distributions designed to replace HID lighting up to 400W MH or HPS.

Construction:

- The upper portion consists of a shade in a choice of decorative styles, topped by a decorative cast aluminum cap, and to which the optical assembly is mechanically secured.
- The electrical chamber/fitter shall be an aluminum, decorative fitter designed to accommodate the driver assembly and shall mount to 3" OD x 4" H tenon and be secured by three stainless steel set screws.

Electrical:

- 100V through 277V, 50 Hz to 60 Hz (UNV)
- Power factor is ≥ 0.90 at full load
- One piece optical cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.
- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.
- Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls
- Fixture electrical compartment shall contain all LED driver components.
- A Button Photocell is available for this fixture.
- Rated ambient operating temperature -30°C to 40°C.
- Surge protection - 20kA
- Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range.

Controls/Options:

- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night (see www.beaconproducts.com/products/energeni).
- In addition, the Slide can be specified with **SiteSync™** wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit for more details www.hubbell-automation.com/products/sitesync/.

Finish:

- IFS polyester powder-coat electro-statically applied and thermocured.
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish.
- The finish meets the AAMA 2604 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

Listings:

- Certified to UL8750 , UL1598 and CSA22.2#250.13-14 for wet locations
- IDA approved

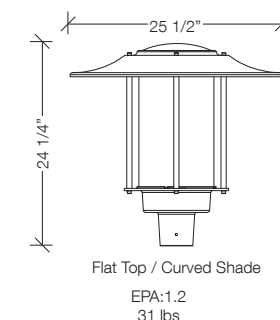
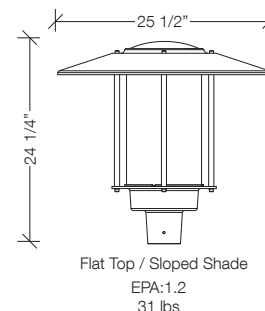
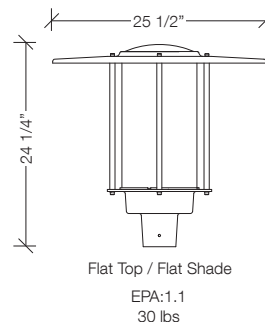
Warranty:

Five year limited warranty (for more information visit: www.hubbellighting.com/resources/warranty).

PRODUCT IMAGE(S)



DIMENSIONS



CERTIFICATIONS/LISTINGS



*3000K and warmer CCTs only



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HUBBELL
Lighting

ORDERING INFORMATION ORDERING EXAMPLE: SLD/36L-80/5K7/4/UNV/CTS/BBT

SERIES	ENGINE-WATTS	LED COLOR	VOLTAGE	ELECTRICAL OPTIONS	SHADE OPTIONS	COLOR
SLD Slide	24L-27 27W, LED array 24L-55 55W, LED array 36L-80 80W, LED array 48L-110 110W, LED array	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI	UNV 120-277V	PEC-120 button, 120V PEC-208 button, 208V PEC-240 button, 240V PEC-277 button, 277V	CTS curved shade STS sloped shade FTS flat shade	DB Dark bronze textured BL Black matte textured PS Platinum silver WH White textured GYS Gray smooth BZT Bronze textured BBT Basic black textured CC Custom Color (RAL#)
OPTICS ¹						
FR type I 2 type II 3 type III 4 type IV 4W type IV, wide 5R type V, rectangular 5QM type V, square medium 5W type V, round wide						
CONTROL OPTIONS						
GENI-XX ² energeni SWP ^{3,4} SiteSync Wireless Pre-Commission						

Accessories and Services (Ordered Separately)

Catalog Number	Description
SWUSB*	SiteSync loaded on USB flash drive (Windows based only)
SWTAB*	SiteSync Windows Tablet
SWBRG*	SiteSync Wireless Bridge Node

*When ordering with SiteSync, one of the following interface options must be chosen and ordered separately. Each option contains the SiteSync License, GUI and Bridge Node.

+ If needed, an additional Bridge Node can be ordered.

¹ To rotate optics Left or Right 90 degrees, specify L or R after the optical distribution. Example: 4L.

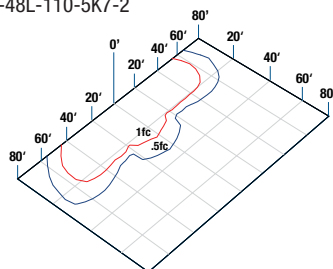
² When ordering Energeni, specify the routine setting code (Example GENI-04). See Energeni brochure and instructions for setting table and options.

³ Not available with other wireless control or sensor options

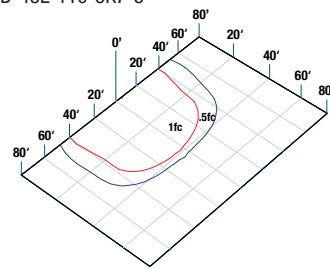
⁴ Specify group and zone at time of order. See www.hubbell-automation.com/products/sitesync/ for further details. Order at least one SiteSync interface accessory SWUSB or SWTAB. Each option contains SiteSync License, GUI, and Bridge Node.

PHOTOMETRICS

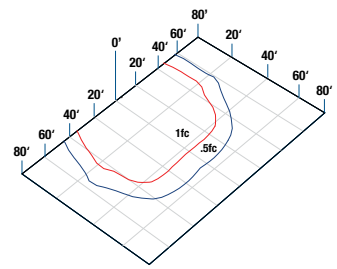
Type II
SLD-48L-110-5K7-2



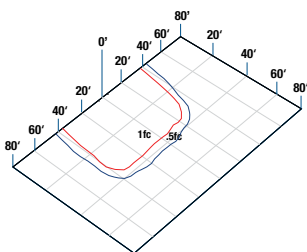
Type III
SLD-48L-110-5K7-3



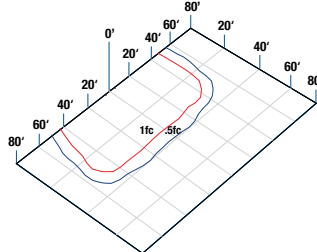
Type IV
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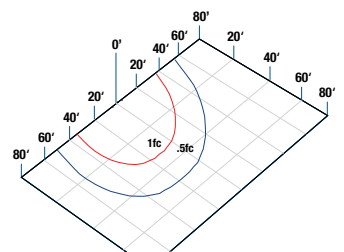
Type V Square Medium
SLD-48L-110-5K7-5QM



Type V Rectangular
SLD-48L-110-5K7-5R



Type V Round Wide
SLD-48L-110-5K7-5W



PERFORMANCE DATA

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
				LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G
24	350mA	27W	2	2715	98	1	0	1	2798	101	1	0	1	2575	93	1	0	1
			3	2713	98	1	0	1	2797	101	1	0	1	2573	93	1	0	1
			4	2748	99	0	0	1	2833	102	0	0	1	2606	94	0	0	1
			4W	2584	93	1	0	1	2664	96	1	0	1	2451	88	1	0	1
			5QM	2861	103	2	0	0	2950	106	2	0	0	2714	98	2	0	0
			5R	2833	102	2	0	2	2920	105	2	0	2	2687	97	2	0	2
24	700mA	55W	5W	2823	102	2	0	1	2911	105	2	0	1	2678	97	2	0	1
			2	5031	91	1	0	1	5187	94	1	0	1	4772	87	1	0	2
			3	5029	91	1	0	2	5184	94	1	0	2	4769	87	1	0	2
			4	5093	93	1	0	2	5250	95	1	0	2	4831	88	1	0	2
			4W	4788	87	1	0	2	4936	90	1	0	2	4542	83	1	0	2
			5QM	5302	96	2	0	1	5466	99	3	0	1	5029	91	2	0	1
36	700mA	80W	5R	5250	95	3	0	3	5413	98	3	0	3	4980	91	3	0	3
			5W	5232	95	3	0	1	5394	98	3	0	1	4963	90	3	0	1
			2	7547	91	1	0	2	7780	94	1	0	2	7158	86	1	0	2
			3	7543	91	1	0	2	7776	94	1	0	2	7154	86	1	0	2
			4	7640	92	1	0	2	7876	95	1	0	2	7246	87	1	0	2
			4W	7183	87	1	0	2	7405	89	1	0	2	6812	82	1	0	2
48	700mA	110W	5QM	7954	96	3	0	1	8200	99	3	0	1	7544	91	3	0	1
			5R	7876	95	3	0	3	8119	98	3	0	3	7470	90	3	0	3
			5W	7849	95	3	0	2	8092	97	3	0	2	7444	90	3	0	2
			2	10062	91	2	0	2	10373	94	2	0	2	9543	86	2	0	2
			3	10057	91	1	0	2	10368	94	1	0	2	9539	86	1	0	2
			4	10186	92	1	0	2	10501	95	1	0	3	9661	87	1	0	2
48	700mA	110W	4W	9577	86	1	0	2	9873	89	2	0	2	9083	82	1	0	2
			5QM	10605	96	3	0	2	10933	99	3	0	2	10058	91	3	0	2
			5R	10502	95	3	0	3	10826	98	3	0	3	9960	90	3	0	3
			5W	10465	94	4	0	2	10789	97	4	0	2	9926	90	4	0	2

¹Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

ELECTRICAL DATA

# OF LEDS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)
27	1	350 mA	120	27	0.27
			277		0.12
24	2	700 mA	120	55	0.55
			277		0.24
36	1		120	80	0.80
			277		0.35
48	1		120	110	1.10
			277		0.48

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	0	25,000	50,000	TM-21-11 60,000	100,000	Calculated L70 (HOURS)
25°C / 77°F	1.00	0.97	0.95	0.95	0.92	>470,000

¹ Projected per IESNA TM-21-11

Data references the extrapolated performance projections for the base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.98
40°C	104°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).



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