Lumencia™
Multi-Unit Residential Lighting

Job Name:

Type:

Part #:

Notes:

LLSLIM-S LED

Specification Grade Slim Strip

SQ

RND

FEATURES:

LED & Electrical:

- 120 ~ 277V AC input range
- Wattage: See Table Below
- Color Temperature: 27/30/35/40/50(K)
- Color Rendering Index: > 82.8
- Calculated L70: 122,000 hours
- Reported L70: >54,000 hours
- High power factor electronic driver
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class2 circuit.
- Standard Generic Driver 0-10V to 10% Optional Philips and Osram Drivers
- 130lm/W efficiency
- Minimum starting temperature: -4°F (-20°C) ~ 122°F (50°C).
- Standard features include over voltage protection, surge, short circuit protection and over load protection.
- Recommended Dimmers: Available by Request

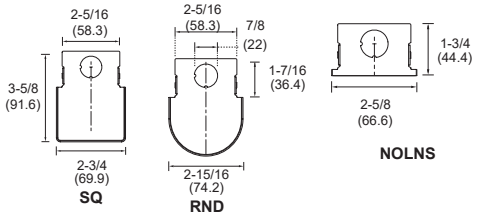
LISTING:

- UL/CUL listed and labeled.
- Listed to UL 1598 and UL 8750.
- Suitable for damp locations.
- CEC Compliant EM *(please contact for more information)*
- 5 year warranty.
- ARRA compliant (optional).
- DLC (optional)

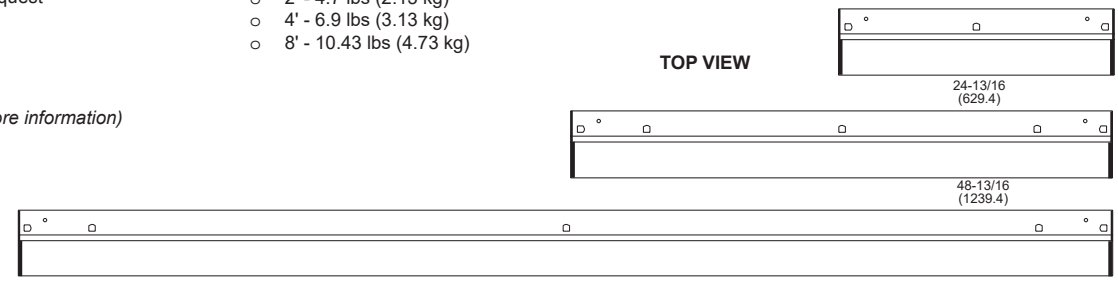
CONSTRUCTION & MOUNTING

- Suitable for Wall or Surface Mounting. May be suspended with cables, stems, or chains. (See Options)
- Die-formed steel with knock-outs.
- High-gloss baked white enamel over rust inhibiting phosphate coating for maximum corrosion resistance.
- Frosted 1 piece lens for 2', 3', 4', and 8' sizes.
- Available in continuous rows for longer runs. Includes joiner clips for easy installation and metal bands to eliminate light leak between lenses.
- Dimensions - See Drawings.
- Weight:
  - 2' - 4.7 lbs (2.13 kg)
  - 4' - 6.9 lbs (3.13 kg)
  - 8' - 10.43 lbs (4.73 kg)

END VIEW



TOP VIEW



All dimensions are in inches (millimeters).

ORDERING INFORMATION

MODEL		LENGTH	LED	COLOR TEMP.	LED DRIVER	CRI	LENS
LLSLIM-S	**IND** Single Length **CON** Wiring for Continuous mount (Specify row/length and number of power feed) Must Provide a PFL Power Feed Location in an attached drawing. ** Number of circuit(s) should be determined by the customer prior to ordering the continuous run considering the AC input voltage and total run wattage.*	**2** 2' Length[6] **3** 3' Length **4** 4' Length **8** 8' Length[1]	**18W** **27W** **36W** **13W** **20W** **27W** **40W** **54W** **27W** **36W** **54W** **72W** **27W** **36W** **54W** **72W** **108W** **144W**	**-27K**[7] **-30K** **-35K** **-40K**(Std.) **-50K** Ask about Tunable White and RGB Options **Contact factory for custom wattage and lumen requierments.*[3]	**GR** Generic, 0-10V 10% dim (Std.)[5] **PH** Philips Xitanium, 0-10V 1% dim[5] **OS** Osram Optotronic, 0-10V 10% dim[5] **OS1** Osram Optotronic, 0-10V 1% dim[5] **SD40** 40% / 100% Bi-Level Step dim (PH only) ~~**SDXX** XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%) (PH only)~~ **TDM** Triac Dim. (120V only) **TRI-SD30/70** 30% / 70% / 100% Tri-Level Step dim (PH only) XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%) (PH only) **ELV** ELV compatible (reverse-phase or trailing-edge) **MU050** 0-10V dual channel, 0.1% ~ 100% **DIMT** Tri-mode dimming (Triac, ELV, 0-10V) **HE** 10%	**(Blank)** 80+ CRI **C9** 90+ CRI[8]	**SQ-CL** Square - Clear Acrylic Lens **SQ-FR** Square - Frosted Acrylic Lens **RND-CL** Round - Clear Acrylic Lens **RND-FR** Round - Frosted Acrylic Lens **NOLNS** Non Lens option

VOLTAGE	MOUNTING	FINISH	CORD FINISH	CEILING TYPE	OPTIONS
UNV 120-277V (Std.) **347** 347V **480** 480V	**(Blank)** Ceiling Mount **VH** V-Hook **CHN-xx** Chain for use with V-hook (xx=lenght) **AAC-xx** Adjustable Aircraft Cable w/ Canopy (* xx = Specify length (48 or 96)) **AYC-xx** Adjustable Aircraft Y-Cable w/ Toggles (* xx = Specify length in inches(60, 120, 180)) **IPSC-3/8-xx** 3/8" IPS STEM w/ Canopy **IPSC-1/2-xx** 1/2" IPS STEM w/ Canopy (* xx = 18, 24, 36, 48 inches) **TBAR** T-Bar Clip for Surface Mount **CDR** Conduit Run	**(Blank)** Semi-Glossy White (Std.) **CC** Custom Color[10] **AMB** Anti-Microbial Coating * Non-standard finish with extra charge.	**(Blank)** White (Std.) **BKC** Black **None-standard finish with extra charge*	**TBC** T-bar ceiling **HDC** Hard ceiling **SHDC** Sloped Hard Ceiling **Need to be specified for ACxx, SH-3/8-xx, SH-1/2-xx.*	**WG** Wireguard (White) **BU5W** 5W EM Battery Backup (CEC Compliant EM)[2,6,9] **BU8W** 8W EM Battery Backup (CEC Compliant EM)[2,6,9] **BU16W** 16W EM Battery Backup (CEC Compliant EM)[2,9] **DDPS** Daylight Dimming Photosensor (0-10 VDC Control (LSR-301-S required)[2,13] **OCS/DH** Occupancy Sensor w/ Daylight Harvesting (max. 8' detection mounting height with 14' coverage)[4,12] **SO** Dimming Wires connected to Sensor Only[11] **LSR-301-S** Setup Remote Control for DDPS (Required For DDPS) **LSR-301-P** Occupant Remote Control for DDPS **ARRA** Assembled in USA for Buy American Act **MS** Motion Sensor **EXT-OCS** Fixture external mount, PIR Occupancy Sensor, no dimming support, 120/277V with standard cone shape lens (15ft) with 1.18" extension joint. Adjustable through a dip switch **SYMR** Symmetric Reflector **ASYR** Asymmetric Reflector **JBXC** 4" Octagon shape junction box cover plate **DLCQ** DLC Qualifying By Request (Not all Configurations Qualify. Contact Lumencia for Details)

Office: 267-438-3000 Fax: 267-288-5604
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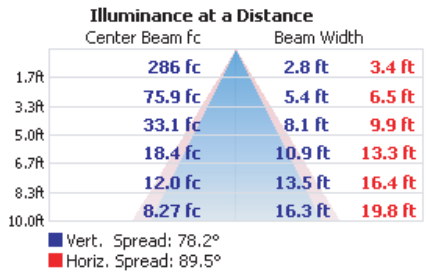
Product Notes:

Custom are non-cancellable, non-returnable, and non-refundable with the exception of manufacturer defects or damages.

1. Tandem units.
2. Contact factory for other emergency ballast options.
3. Custom wattage products are not DLC qualified.
4. Not available with Non Lens option (NoLns).
5. Contact Lumencia for recommended dimmers.
6. For 2' length, only BU5W and BU8W are available.
7. Available with C9 (90+ CRI) only.
8. Lumen per watt is around 15% less than standard CRI (80+).
9. Emergency Ballast options are not available with 347V or 480V.
10. Refer to color charts (RAL and/or Cardinal).
11. Dimming wires provided and connected to sensor only, not for dimmer switch. (available with AMS and DPMS option)
12. The standard will be ON/OFF sensor with dimming wires provided for dimmer switch. For sensor dimming control, please select additional "SO" option.
13. Automatic on/off is not available. For automatic on/off, additional occupancy sensor is required or a manual on/off switch can be done.

Size	Model #	AC Input	Sq-Cl	Sq-Fr	Rnd-Cl	Rnd-Fr	NoLens
2FT	18W	19.2W	2553.43 lm	2408.67 lm	2598.47 lm	2414.55 lm	2676.42 lm
	27W	29.7W	4002.9 lm	3776.05 lm	4073.35 lm	3785.26 lm	4195.55 lm
	36W	37.26W	5021.81 lm	4737.11 lm	5110.39 lm	4748.67 lm	5263.70 lm
3FT	13W	14.85W	1979.35 lm	1867.1 lm	2014.25 lm	1871.7 lm	2074.54 lm
	20W	22W	2906.86 lm	2742 lm	2958 lm	2748.68 lm	3046.78 lm
	27W	29.7W	3958.7 lm	3734.2 lm	4028.5 lm	3743.38 lm	4149 lm
	40W	44.55W	5951.43 lm	5613.74 lm	6056.12 lm	5627.55 lm	6237.9 lm
	54W	59.4W	7934.65 lm	7485 lm	8074.8 lm	7503.4 lm	8534 lm
4FT	27W	29.9W	3950.72 lm	3726.74 lm	4020.41 lm	3735.83 lm	4141.02 lm
	36W	39.33W	5242.13 lm	4944.94 lm	5334.60 lm	4957.01 lm	5494.63 lm
	54W	57.36W	7662.63 lm	7228.21 lm	7797.79 lm	7245.85 lm	8031.72 lm
	72W	76.48W	10483.60 lm	9889.26 lm	10668.53 lm	9913.39 lm	10988.58 lm
8FT	27W	29.9W	4213.80 lm	3974.90 lm	4288.25 lm	3984.77 lm	4416.89 lm
	36W	39.33W	5542.77 lm	5228.53 lm	5640.70 lm	5241.50 lm	5809.92 lm
	54W	57.81W	8147.42 lm	7685.52 lm	8291.14 lm	7704.27 lm	8539.87 lm
	72W	78.2W	10893.28 lm	10275.71 lm	11085.44 lm	10300.78 lm	11418 lm
	108W	105.4W	14709.60 lm	13875.67 lm	14969.07 lm	13909.53 lm	15418.14 lm
	144W	140.53W	19612.67 lm	18500.77 lm	19958.63 lm	18545.91 lm	20557.38 lm

LLSLIM-S-2-L18-30-RC-UNV



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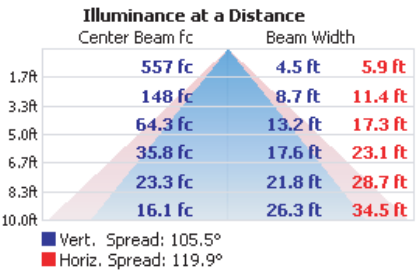

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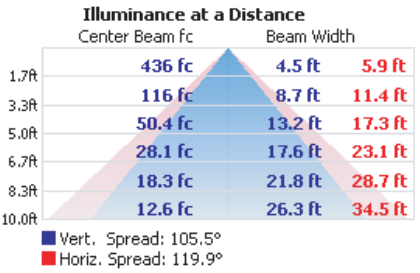

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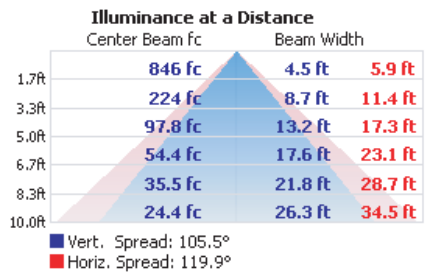

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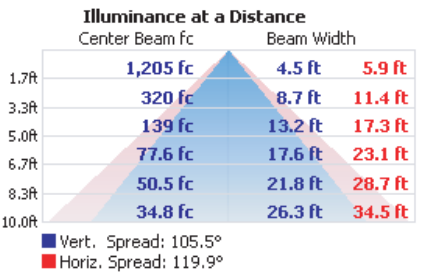

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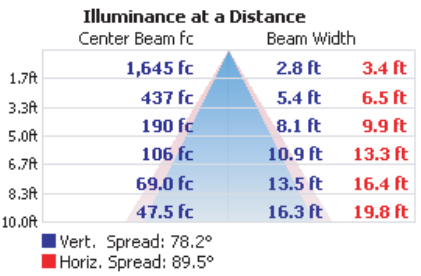

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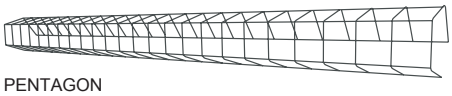
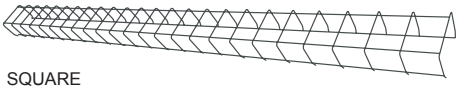
WIRE GUARD

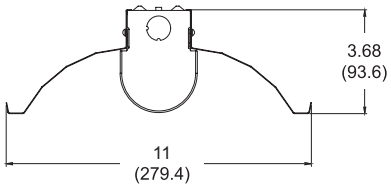
Pentagon : Available with Round/Square Lens options.
Square : Available with Non-Lens option.



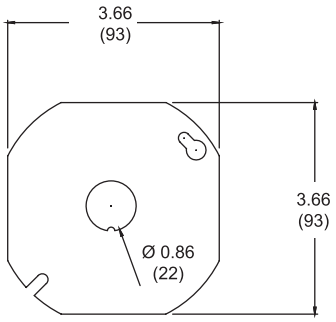
PENTAGON



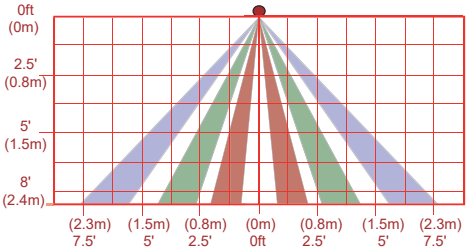
SQUARE



SYM : Symmetric Reflector

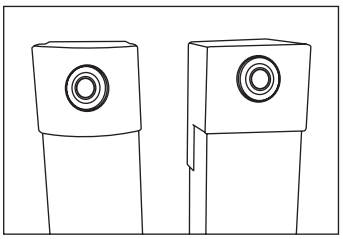


JC4 : Octagon cover plate



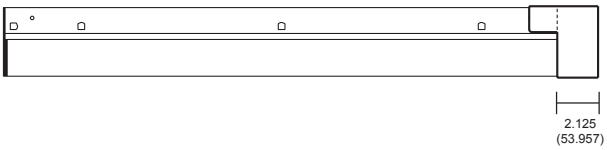
OCS/DH coverage pattern (side view)

* The coverage shown in the diagram is maximum. AMS is designed to detect small motion when mounted within 6' occupants.



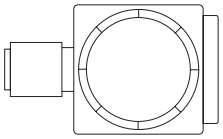
DDPS

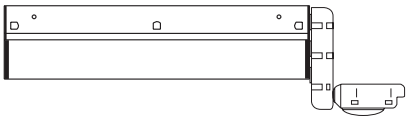
Integrated Daylight Dimming Photosensor



MS

Motion Sensor





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