Lumencia
Multi-Unit Residential Lighting

Job Name:

Type:

Part #:

Notes:

LLSGW

Specification grade wraparound fixture

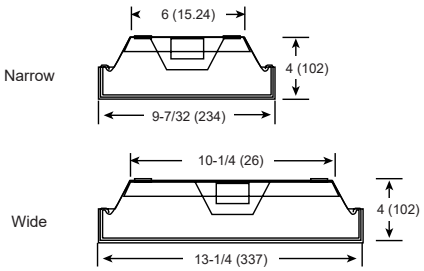
Housing: Die formed, cold-rolled, heavy gauge steel housing. Available with in narrow and wide housing.
Finish: white standard; other finishes by request
Diffuser: 0.08” thick 100% acrylic, injection molded prismatic basket diffuser with flat bottom and vertical sides.

Distribution: Downlight

Mounting: Ceiling, cable, or stem mount,
- Stem mount (1/2” std, 3/8” optional) (pipe by others unless ordered).
- Steel end plates with 7/8” KO standard for continuous row mounting option.

LED & Electrical:
- LM80
- 82.8 CRI Standard
- L70: >54,000 hours
- Nominal Lamp Life: 100,000 hours.
- 0-10VDC dimming 1%~100%.(Std)
- 120 ~ 277 Vac input range, 50 / 60 Hz.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- Operating Temperature: 4°F (-20°C) ~ 122°F (50°C).
- <ELCU-200> Option
  - o Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
  - o Interfaces with fire alarm panel or security system.

Warranty/Certifications:
- 5 year limited warranty.
- cULus/UL listed for damp locations
- Listed to UL 1598 and UL 8750.
- DLC Contact your Lumencia Rep for List of DLC configurations.
- ARRA compliant. (optional)
- CEC Compliant EM (contact your Lumencia rep for more information)



Specifications:LLSGW-2
Weight: 7.56 lbs (3.43 kg)

Specifications: LLSGW-4
Weight: 11.97 lbs (5.43 kg)

Specifications: LLSGW-8
Weight: 19.69 lbs (8.93 kg)

CONFIGURATIONS

Series	Size	LED Watts	AC Input	Lumen Output	Driver Input
LLSGW	4FT	18LED	19.8W	2126.52 lm	277V
		25LED	27.5W	2953.5 lm	
		36LED	39.6W	4253.04 lm	
		54LED	59.4W	6379.56 lm	
		72LED	79.2W	8506.08 lm	

Based on 3500K.

OUTPUT CURRENT

		Bi-Level		Tri-Level (Default)	
SW1	SW2	Config Range	Default	Config Range	Default
Close	Open	10% - 70%	40%	10% - 70%	30%
Open	Close	10% - 70%	40%	10% - 70%	70%
Close	Close	100%	100%	100%	100%
Open	Open	0%	0%	0%	0%

MULTIPLIER CHART

	Multiplier		
CCT	3000K	4000K	5000K
2FT	0.958	1.0112	1.0214
4FT	0.988	1.0122	1.0245
8FT	0.989	1.0122	1.0235

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Multi-Unit Residential Lighting

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Ordering Information

MODEL	LENGTH	LED	CCT	EFFICACY	VOLTAGE	WIDTH
LLSGW	**2** 2 Foot **4** 4 Foot **8** 8 Foot	**18W** 18W LED **25W** 25W LED **36W** 36W LED **54W** 54W LED **72W** 72W LED **108W** 108W LED	**27K** **30K** **35K** **40K** **50K**	**(Blank)** Standard **HE** High Efficacy* **adds 10%*	**UNV** 120~277V *(Std)* **347** 347V	**(Blank)** Narrow (Std.) **W** Wide

* Contact factory for custom wattage or lumen requirement.

MOUNTING	DRIVERS	EM	OPTIONS
(Blank) Ceiling Mount *(Std)* **ACxx** Adjustable Aircraft Cable w/ Canopy (* xx = Specify length (48 or 96)) **YCxx** Adjustable Aircraft Y-cable with Toggles (* xx = Specify length in inches (60, 120, 180)) **SH-1/2-x** 1/2" IPS STEM w/ Canopy (* xx = 18, 24, 36, 48 inches) **SH-3/8-xx** 3/8" IPS STEM w/ Canopy (* xx = 18, 24, 36, 48 inches)	**(Blank)** Generic, 0-10V 10% dim (Std.) **TDM** Triac Dim. (120V only) **ELV** ELV compatible (reverse-phase or trailing-edge), (120V only) **PHSR** Philips Xitanium Sensor-Ready, Dali 5%~100% dim **PHDL** Philips Xitanium DALI driver, Dim to 5% **DIMT** Tri-mode dimming (Triac, ELV, 0-10V)	**EM8** 1296 LUMEN EM Battery Backup (CEC Compliant EM) **EM15** 2430 LUMEN EM Battery Backup (CEC Compliant EM) **EM20** 3240 LUMEN EM Battery Backup (CEC Compliant EM) **EM26** 4050 LUMEN EM Battery Backup (CEC Compliant EM)	**9** 90 CRI **SG8** 1-piece 8FT lens for W-8 **ELCU-200** Fail-to-on Emergency lighting, UL924 **ARRA** Assembled in USA for Buy American Act **7W** Optional 7 Years Limited Warranty **10W** Optional 10 Years Limited Warranty **AMB** Anti-Microbial Coating (Matte Skye White) **BLOCSV** External Fixture Photo/ Bi-level PIR Motion Sensor **BLOCS403** Internal Microwave bi-level Occupancy Sensor, adjustable via DIP switch

Compatible Dimmers:
Standard 0-10 Dim, 1% Dims Both Simultaneously (Std.): Lumenica recommends Lutron Mark VII Dimmers and Leviton IP710-DLZ.
All others: Contact your Lumencia Rep for compatibility.

Controls:
Ask your Lumenica rep about compatibility with your control system

PHOTOMETRIC DATA:

LLSGW-2-18W

Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	329 fc	3.4 ft	3.4 ft
3.3ft	87.2 fc	6.6 ft	6.5 ft
5.0ft	38.0 fc	10.0 ft	9.9 ft
6.7ft	21.2 fc	13.4 ft	13.2 ft
8.3ft	13.8 fc	16.6 ft	16.4 ft
10.0ft	9.50 fc	20.0 ft	19.7 ft

Vert. Spread: 90.1°
Horiz. Spread: 89.3°

LLSGW-2-25W

Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	447 fc	3.4 ft	3.4 ft
3.3ft	119 fc	6.6 ft	6.5 ft
5.0ft	51.7 fc	10.0 ft	9.9 ft
6.7ft	28.8 fc	13.4 ft	13.2 ft
8.3ft	18.8 fc	16.6 ft	16.4 ft
10.0ft	12.9 fc	20.0 ft	19.7 ft

Vert. Spread: 90.1°
Horiz. Spread: 89.3°

LLSGW-2-36W

Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	633 fc	3.4 ft	3.4 ft
3.3ft	168 fc	6.6 ft	6.5 ft
5.0ft	73.2 fc	10.0 ft	9.9 ft
6.7ft	40.8 fc	13.4 ft	13.2 ft
8.3ft	26.6 fc	16.6 ft	16.4 ft
10.0ft	18.3 fc	20.0 ft	19.7 ft

Vert. Spread: 90.1°
Horiz. Spread: 89.3°

LLSGW-4-54LED

Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	938 fc	3.4 ft	3.4 ft
3.3ft	249 fc	6.6 ft	6.5 ft
5.0ft	108 fc	10.0 ft	9.9 ft
6.7ft	60.4 fc	13.4 ft	13.2 ft
8.3ft	39.4 fc	16.6 ft	16.4 ft
10.0ft	27.1 fc	20.0 ft	19.7 ft

Vert. Spread: 90.1°
Horiz. Spread: 89.3°

LLSGW-4-72W

Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	1,243 fc	3.4 ft	3.4 ft
3.3ft	330 fc	6.6 ft	6.5 ft
5.0ft	144 fc	10.0 ft	9.9 ft
6.7ft	80.0 fc	13.4 ft	13.2 ft
8.3ft	52.1 fc	16.6 ft	16.4 ft
10.0ft	35.9 fc	20.0 ft	19.7 ft

Vert. Spread: 90.1°
Horiz. Spread: 89.3°

LLSGW-8-108W

Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	1,852 fc	3.4 ft	3.4 ft
3.3ft	492 fc	6.6 ft	6.5 ft
5.0ft	214 fc	10.0 ft	9.9 ft
6.7ft	119 fc	13.4 ft	13.2 ft
8.3ft	77.7 fc	16.6 ft	16.4 ft
10.0ft	53.5 fc	20.0 ft	19.7 ft

Vert. Spread: 90.1°
Horiz. Spread: 89.3°

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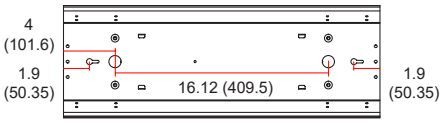
2FT



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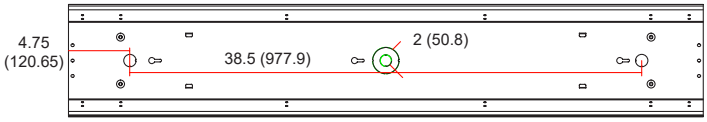

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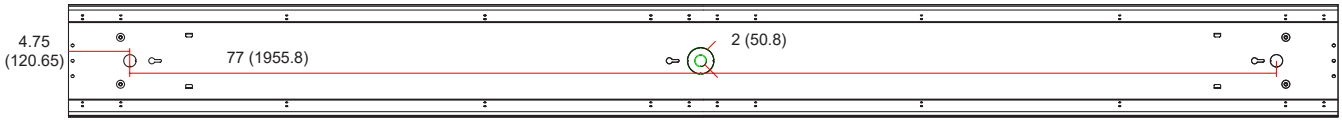

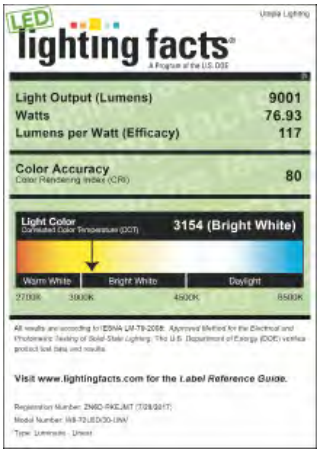

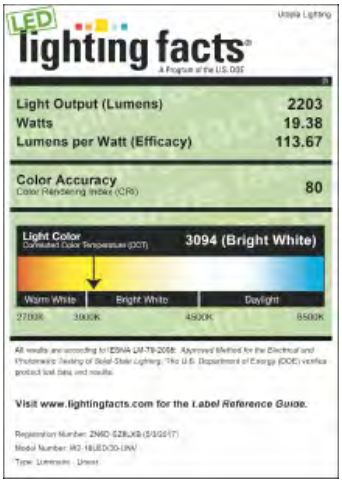

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