



Project	
Notes	
Type	Date
Cat. No.	

LSMP™ Series LED Surface Mounted Puff



DESCRIPTION

The LSMP Series of LED Puff fixtures are cost effective and are an energy-saving replacement for less efficient fluorescent puff fixtures, designed to illuminate the most discriminating office or home. A shallow contemporary opal acrylic diffuser softly and evenly distributes light at comfortable levels.

LSMP Series

40W (2820 Lumens)

Specification Features



Construction

Rugged construction, solid die formed, cold-rolled steel housing. All surfaces powder coated after fabrication. Frosted acrylic diffusers provides even consistent light while reducing glare. Lens design and materials provide uniform appearance without pixelation.

Electrical

Equipped standard with fixed output driver. Optional 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Long-Life LED's 60,000 hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. ENERGY STAR® certified product (for 3000K and 4000K only) and Title 24 qualified. Dedicated 120V Models are FCC Title 47 CFR, Part 15, Class B for residential and commercial applications. California Title 24 Compliant, JA8 compliant, CEC Listed.

Installation

Suitable for surface mounting, suspension, or stem mounting, individually or in continuous rows.

Warranty

5-year limited warranty. See complete warranty for terms and exclusions. (Labor not included).

Rated Life 60,000 hours
 Limited Warranty 5 years
 Efficacy up to 88 LPW
 Continuous Dimming



Quick Ship

LSMP-8-40-MV-940

Ordering Information

Example:LSMP-8-40-MV-940

LSMP	8	40	MVD	9	40
Series LSMP LED Surface Mounted Puff	Size 8- 8" Width	Rated Wattage 40- 40W (2820 Lumens)	Driver Type MV- 120-277V MVD- 120-277V; 0-10V Dimming ¹	CRI 9 90+CRI	Color Temp 40 4000K 50 5000K ¹

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	>88 lm/W
CRI	80+, R9 > 0
Available CCT ¹	4000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	60,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	>0.99
THD	< 2.3%
Dimming	0-10V Continuous (10-100%)
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Frosted Acrylic	8"	LSMP-8-40-MV-940	40W	3,520	88

NOTES:

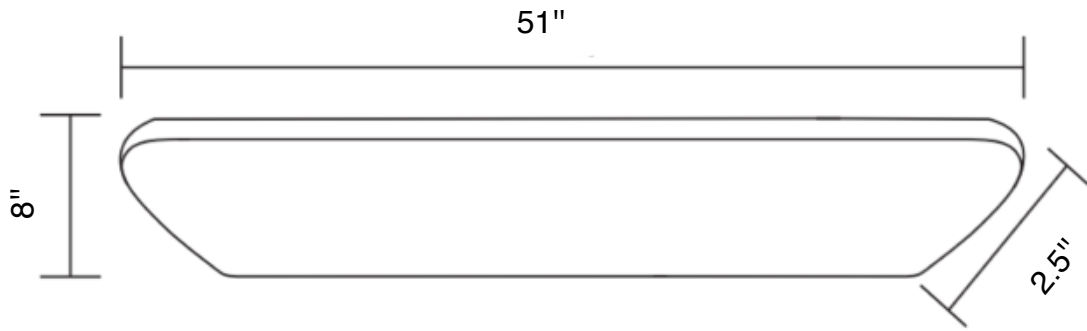
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy Star Listed
- ³
- ⁴ Quick ship: 4000K. Other CCTs may require a lead time or be special order
- ⁵ Typical color consistency. May vary or be changed.
- ⁶ L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact GlobaLux for detailed information.
- ⁷ Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.



Specifications and Dimensions subject to change without notice.

Product Dimensions

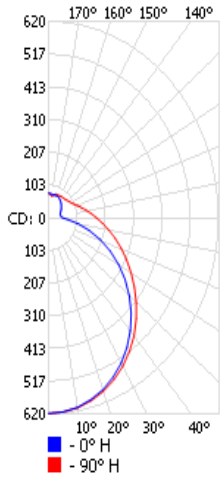
LSMP-8



Photometric Data

LSMP-11- 40-940 Tested in accordance to IESNA LM-79

Polar Candela Curve



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	483	18.20%	18.30%
0-40	798.8	30.20%	30.20%
0-60	1,458.90	55.10%	55.10%
60-90	665.9	25.20%	25.20%
0-90	2,124.80	80.30%	80.30%

Coefficients of Utilization

RCC %:	80				70				50	
	70	50	30	0	70	50	30	0	50	30
RW %:	70	50	30	0	70	50	30	0	50	30
RCR: 0	1.14	1.14	1.14	1.14	1.09	1.09	1.09	0.8	1	1
1	1.02	0.96	0.91	0.87	0.97	0.92	0.87	0.63	0.84	0.8
2	0.92	0.83	0.75	0.69	0.87	0.79	0.72	0.51	0.72	0.67
3	0.83	0.72	0.63	0.56	0.79	0.69	0.61	0.43	0.63	0.57
4	0.76	0.63	0.54	0.47	0.72	0.61	0.52	0.36	0.56	0.49
5	0.7	0.56	0.47	0.4	0.66	0.54	0.45	0.31	0.5	0.42
6	0.64	0.51	0.41	0.35	0.61	0.48	0.4	0.28	0.45	0.37
7	0.59	0.46	0.37	0.3	0.56	0.44	0.36	0.24	0.41	0.33
8	0.55	0.41	0.33	0.27	0.52	0.4	0.32	0.22	0.37	0.3
9	0.51	0.38	0.3	0.24	0.49	0.37	0.29	0.2	0.34	0.27
10	0.48	0.35	0.27	0.22	0.46	0.34	0.26	0.18	0.31	0.25

Effective Floor Cavity Reflectance: 20%



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