



Project	
Notes	
Type	Date
Cat. No.	

SDL™ Series

LED Square Disk Light



SDL Series

- 5" Housing**
10W (550 Lumens)
- 7" Housing**
15W (1016 Lumens)
- 12" Housing**
22W (1400 Lumens)

DESCRIPTION

The SDL Series LED disk light provides versatile lighting on standard line voltage, yet produces the high energy savings you desire from LED fixtures. The SDL series allows for easy upgrade to your down-lighting from the traditional recessed cans to a more modern looking, energy efficient solution. This disk light can be easily mounted onto a junction box or can be retrofitted into an existing recessed can with the optional hardware mounting adapter (not included).



Specification Features

Construction

Injection molded trim with diffusion lens for visual comfort while providing optimal light output. Edge Lit technology and Lens design and materials provide uniform appearance without pixelation.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet 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, JAB compliant, CEC Listed.

Electrical

Equipped standard with 120V 10-100% dimming on-board driver.

Installation

Designed for mounting on 3" and 4" electrical J-Box.

Warranty

3-year Limited Warranty. See warranty documentation for more information.

Rated Life 50,000 hours
Limited Warranty 3 years
Efficacy Up to 64 LPW
Continuous Dimming



Ordering Information

Example: SDL-7-15-120D-930-WH

SDL	7	15	120D	9	30	WH
Series SDL LED Square Disk Light	Diameter 5-5" 7-7" 12-12"	Rated Wattage <u>5" Housing</u> 10- 10W (550 Lumens) ^{1 2} <u>7" Housing</u> 15-15W (1016 Lumens) ² <u>12" Housing</u> 22-22W (1400 Lumens) ²	Driver Type 120D- 120V Dimming, Dims to 10% 277- 277V ¹ Triac Dimming	CRI 9 90+ CRI	Color Temp 30 3000 K ¹ 40 4000 K ^{1 2}	Finish BN- Brushed Nickel ORB-Oil Rubbed Bronze WH- White BL- Black
			Emergency Backup EM-SDL-12 12" Emergency Battery	Accessories Trim- SDL-5-NS 5" Nickel Satin Trim Trim- SDL-5-BL 5" Nickel Satin Trim Trim- SDL-7-NS 7" Nickel Satin Trim Trim- SDL-7-BL 7" Nickel Satin Trim Trim-SDL-12-NS 12" Nickel Satin Trim Trim-SDL-12-BL 12" Black Trim		

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 64 LPW (typ.)
CRI	90+, R9 > 0
Available CCT ¹	3000K, 4000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	50,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	>0.99
THD	< 20%
Dimming	120V Dimming(15-100%)
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Acrylic	5'	SDL-5-10-120D-930-WH	10W	550	55
	7'	SDL-7-15-120D-930-ORB	15W	1016	67.7
		SDL-12-18-120D-930-WH	22W	1,400	63.6

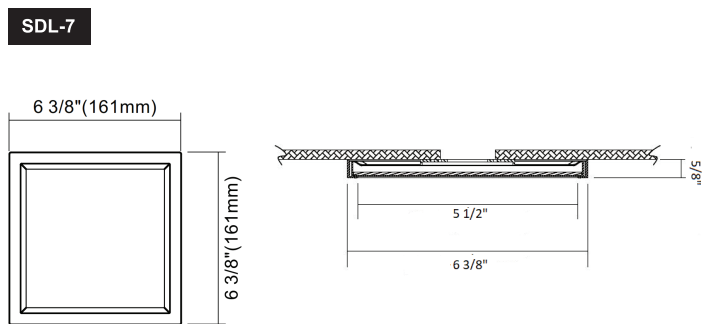
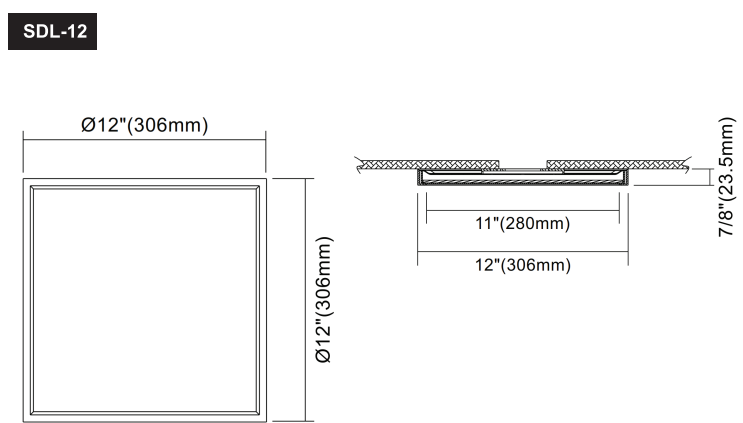
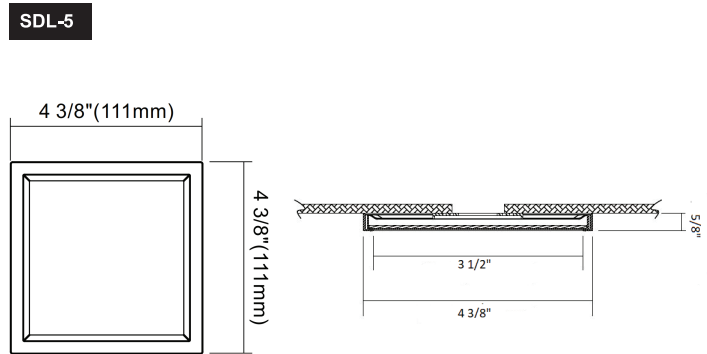
NOTES:

- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 3000K, 4000K. Other CCTs may require a lead time or be special order
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ 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 manufacturer for detailed information
- ⁶ 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.

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Product Dimensions



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