



SDL-321
LED TROFFER
**High Efficacy
and Performance**

SDL-321

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With an array of accessories and options, the SDL-321 provides the versatility you need for a variety of applications. Adjustable lumen packages ranging from 2,000 to 10,000 enable you to have the proper lighting for any space while maximizing energy savings.



Applications

- Office Buildings
- Hospitals
- Showrooms
- Gymnasiums

Certifications

- DesignLights Consortium® (DLC)
- C-UL-US Certified



Wireless Controls

Available wireless controls option includes the integrated SupraLink sensor programmable remotely through Bluetooth using the smartphone app.

Warranty

5-year limited warranty, provided the specifications in the product installation manual have been followed. All other express and implied warranties are disclaimed.

Note: Actual performance may vary with end-user environment and application.





SDL-321

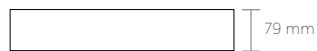
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Installation

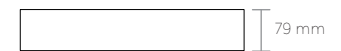
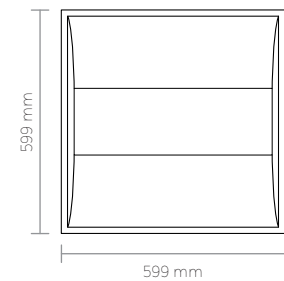
With a versatile design, this luminary can be installed recessed, surface, or suspended.

Models

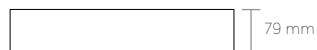
M4 (2 x 4 ft)



M2 (2 x 2 ft)



M1 (1 x 4 ft)



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Electrical Specifications

- Electrical Driver
- Operating Voltage: 120 - 277 V~
- Dimming Method: 0-10 V (DC)
- Dimming Range: 10-100%
- Surge Protection: 2.5 kV
- Operating Temperature:
-20°C to 45°C

Lumens

- L90(25°C) = 51,000 hrs
- L70(25°C) = 166,000 hrs
- L90(45°C) = 42,000 hrs
- L70(45°C) = 139,000 hrs



FAMILY	MODEL	LUMEN CODE	ELECTRIC @120V				ELECTRIC @277V			
			VOLTAGE	PF @120V	THD @120V	WATTAGE @120V	VOLTAGE	PF @277V	THD @277V	WATTAGE @277V
SDL-321	M4	L10	120 V	0.99	6%	83	277 V	0.97	8%	82
SDL-321	M4	L08	120 V	0.99	8%	63	277 V	0.95	11%	63
SDL-321	M4	L06	120 V	0.99	5%	45	277 V	0.98	14%	44
SDL-321	M4	L04	120 V	0.99	7%	30	277 V	0.96	14%	29
SDL-321	M2	L05	120 V	0.99	5%	42	277 V	0.97	14%	41
SDL-321	M2	L04	120 V	0.99	6%	32	277 V	0.96	14%	31
SDL-321	M2	L03	120 V	0.99	7%	23	277 V	0.95	15%	23
SDL-321	M2	L02	120 V	0.99	9%	20	277 V	0.94	16%	20
SDL-321	M1	L10	120 V	0.99	6%	83	277 V	0.97	8%	82
SDL-321	M1	L08	120 V	0.99	8%	63	277 V	0.95	11%	63
SDL-321	M1	L06	120 V	0.99	5%	45	277 V	0.98	14%	44
SDL-321	M1	L04	120 V	0.99	7%	30	277 V	0.96	14%	29

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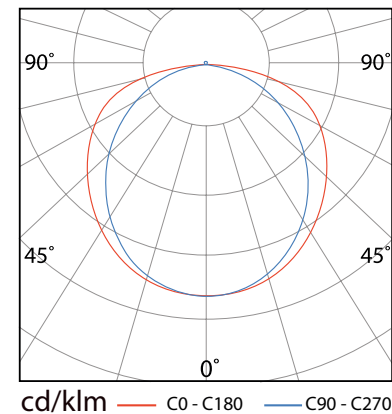
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Luminous Flux vs Ambient Temperature

Final luminous flux depends on the ambient temperature of the location. Multiply the correction factor by the luminous flux output from the selected model to determine the final luminous flux.

TEMPERATURE	CORRECTION FACTOR
25 °C	1
30 °C	0.98
35 °C	0.97
40 °C	0.97
45 °C	0.96
50 °C	0.95
55 °C	0.95
60 °C	0.94

Light Distribution



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Performance Information

FAMILY	MODEL	LUMEN CODE	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
SDL-321	M4	L10	≥80	5000 K	11,167 lm	120 V	83 W	135 lm/W
SDL-321	M4	L08	≥80	5000 K	8,837 lm	120 V	63 W	140 lm/W
SDL-321	M4	L06	≥80	5000 K	6,638 lm	120 V	45 W	148 lm/W
SDL-321	M4	L04	≥80	5000 K	4,506 lm	120 V	30 W	152 lm/W
SDL-321	M4	L10	≥80	4000 K	11,167 lm	120 V	83 W	135 lm/W
SDL-321	M4	L08	≥80	4000 K	8,837 lm	120 V	63 W	140 lm/W
SDL-321	M4	L06	≥80	4000 K	6,638 lm	120 V	45 W	148 lm/W
SDL-321	M4	L04	≥80	4000 K	4,506 lm	120 V	30 W	152 lm/W
SDL-321	M4	L10	≥80	3000 K	10,579 lm	120 V	83 W	128 lm/W
SDL-321	M4	L08	≥80	3000 K	8,372 lm	120 V	63 W	133 lm/W
SDL-321	M4	L06	≥80	3000 K	6,289 lm	120 V	45 W	140 lm/W
SDL-321	M4	L04	≥80	3000 K	4,269 lm	120 V	30 W	144 lm/W
SDL-321	M2	L05	≥80	5000 K	5,584 lm	120 V	42 W	134 lm/W
SDL-321	M2	L04	≥80	5000 K	4,452 lm	120 V	32 W	140 lm/W
SDL-321	M2	L03	≥80	5000 K	3,309 lm	120 V	23 W	143 lm/W
SDL-321	M2	L02	≥80	5000 K	2,723 lm	120 V	20 W	138 lm/W
SDL-321	M2	L05	≥80	4000 K	5,584 lm	120 V	42 W	134 lm/W
SDL-321	M2	L04	≥80	4000 K	4,452 lm	120 V	32 W	140 lm/W
SDL-321	M2	L03	≥80	4000 K	3,309 lm	120 V	23 W	143 lm/W
SDL-321	M2	L02	≥80	4000 K	2,723 lm	120 V	20 W	138 lm/W

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Performance Information

FAMILY	MODEL	LUMEN CODE	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
SDL-321	M2	L05	≥80	3000 K	5,290 lm	120 V	42 W	127 lm/W
SDL-321	M2	L04	≥80	3000 K	4,218 lm	120 V	32 W	132 lm/W
SDL-321	M2	L03	≥80	3000 K	3,135 lm	120 V	23 W	136 lm/W
SDL-321	M2	L02	≥80	3000 K	2,580 lm	120 V	20 W	130 lm/W
SDL-321	M1	L10	≥80	5000 K	11,167 lm	120 V	83 W	135 lm/W
SDL-321	M1	L08	≥80	5000 K	8,837 lm	120 V	63 W	140 lm/W
SDL-321	M1	L06	≥80	5000 K	6,638 lm	120 V	45 W	148 lm/W
SDL-321	M1	L04	≥80	5000 K	4,506 lm	120 V	30 W	152 lm/W
SDL-321	M1	L10	≥80	4000 K	11,167 lm	120 V	83 W	135 lm/W
SDL-321	M1	L08	≥80	4000 K	8,837 lm	120 V	63 W	140 lm/W
SDL-321	M1	L06	≥80	4000 K	6,638 lm	120 V	45 W	148 lm/W
SDL-321	M1	L04	≥80	4000 K	4,506 lm	120 V	30 W	152 lm/W
SDL-321	M1	L10	≥80	3000 K	10,579 lm	120 V	83 W	128 lm/W
SDL-321	M1	L08	≥80	3000 K	8,372 lm	120 V	63 W	133 lm/W
SDL-321	M1	L06	≥80	3000 K	6,289 lm	120 V	45 W	140 lm/W
SDL-321	M1	L04	≥80	3000 K	4,269 lm	120 V	30 W	144 lm/W

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Ordering Information

Example Order:

① ② ③ ④ ⑤ ⑥
SDL-321-M4-L10-850-MV-SL

Product:



Codes:

① **Family**
SDL-321

② **Model**
M1: 1 x 4 ft
M2: 2 x 2 ft
M4: 2 x 4 ft

③ **Lumen Code**
For M1 & M4

L10: ≥10,000 lm
L08: ≥8,000 lm
L06: ≥6,000 lm
L04: ≥4,000 lm

For M2

L05: ≥5,000 lm
L04: ≥4,000 lm
L03: ≥3,000 lm
L02: ≥2,000 lm

④ **Color Code**

850: CRI: 80 and CCT: 5000 K
840: CRI: 80 and CCT: 4000 K
830: CRI: 80 and CCT: 3000 K

⑤ **Voltage**

MV: 120 - 277 V~

⑥ **Accessories**

ED: Emergency Driver

SL: SupraLink

IS: Intelligent Sensor

WMS: Wide Motion Sensor

NMS: Narrow Motion Sensor

Contact

Corporate Headquarters:

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Floor 19

Austin, TX 78701

Phone: (512) 870-9827

Manufacturing Facility:

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Mexico



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