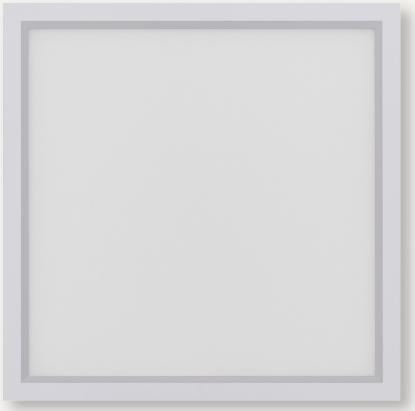
GLOBALUX
LIGHTING & FANS

PROJECT	NOTES	TYPE	DATE	CAT. No.



SDL

LED Square Disk Light

The SDL Series LED disk light provides versitile 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 downlighting 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).

ETL LISTED | JA8 TITLE 24 | TRIAC DIMMING | ELV DIMMING | 3YR WARRANTY | RoHS COMPLIANT

INPUT VOLTAGE	120V
INPUT FREQUENCY	50/60 Hz
RATED WATTAGE	See Performance Data
DELIVERED LUMENS	See Performance Data
EFFICACY	See Performance Data
CRI	90CRI
AVAILABLE CCT	3000K
LENS TYPE	Plastic

RATED LIFE	30,000hrs (Based on 3hrs a Day)
L70	>50,000hrs
POWER FACTOR	>0.9
THD	N/A
DIMMING	120V Dimming (10-100%)
OPERATING TEMP.	-4°F - 113°F / -20°C to 45°C
BEAM ANGLE	N/A

ORDER INFO / EXAMPLE: SDL-7-15-120D-930-WH

QUICK SHIP ITEMS ON PG.2

SERIES	DIAMETER	RATED WATTAGE	DRIVER TYPE	COLOR TEMP	FINISH	PACKAGING
SDL	7	15	120D	930	WH	
SDL LED Square Disk Light	**5-**5" **7-**7" **9-**9"	**5" Housing** **10-** 10W, 500 Lumens **7" Housing** **15-** 15W, 900 Lumens **9" Housing** **18-** 18W, 1080 Lumens	**120D-** 120V Dimming, 10-100% **277-** 277V Triac Dimming,	**930-** 3000K, 90CRI	**BL-** Black **BN-** Brushed Nickel **WH-** White **ORB-** Oil Rubbed Bronze	**BLANK-** Single **BULK-** 12 Pack Bulk Order

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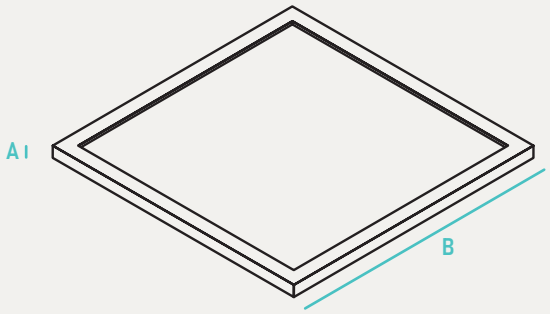
GLOBALUX LIGHTING & FANS

SDL



	A	B	Case QTY
SDL-5	0.7" D	4" Sq	12
SDL-7	0.7" D	6" Sq	12
SDL-9	0.7" D	8" Sq	12

CONSTRUCTION

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

ELECTRICAL

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

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. Suitable for closets according to NEC Section 410.8 & 410.16. Adheres to LM70, LM80 and TM21 industry standards. 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

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

WARRANTY

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

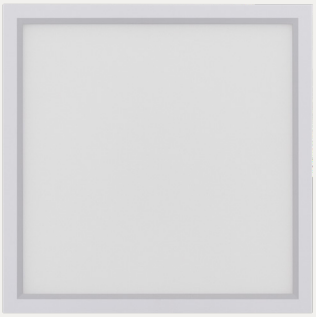
PERFORMANCE DATA

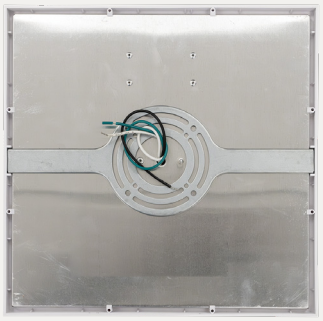
FORM FACTOR	KELVIN	RATED WATTAGE	DELIVERED LUMENS	EFFICACY (LM/W)
5"	3000K	10W	500	50
7"	3000K	15W	900	60
9"	3000K	18W	1080	60

QUICK SHIP

SDL-5-10-120D-930-WH-BULK [4]	SDL-7-15-120D-930-WH-BULK [4]

ADDITIONAL IMAGES





RECOMMENDED DIMMERS

DVCL-153P (Lutron)

COMPATIBLE JUNCTION BOX

4" PVC

4" Octagon

4" PVC Ceiling Box

3-1/2" Octagon

4" Round Pancake

4" Octagon / V Bracket

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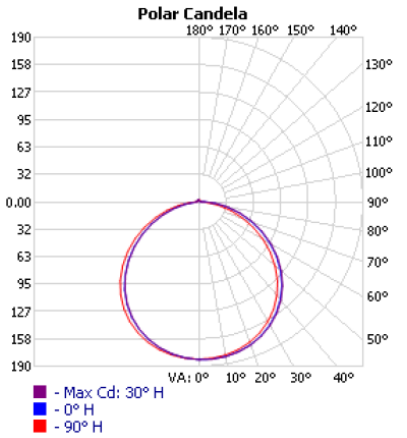
PHOTOMETRIC DATA

SDL-5-10-120D-930



Zonal Lumen Summary

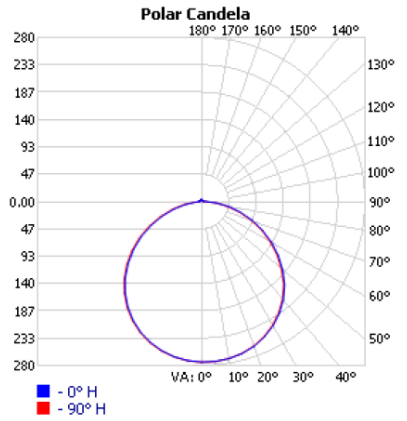
Zone	Lumens	% Lamp	% Luminaire
0-30	143.9	25.6%	25.6%
0-40	238.1	42.3%	42.3%
0-60	426.7	75.9%	75.8%
60-90	123.4	21.9%	21.9%
70-100	57.2	10.2%	10.2%
90-120	6.5	1.1%	1.1%
0-90	550.1	97.8%	97.8%
90-180	12.5	2.2%	2.2%
0-180	562.6	100%	100%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.98	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1	1.08	1.03	.99	.95	1.05	1.00	.96	.82	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2	.98	.89	.82	.77	.95	.87	.81	.68	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3	.89	.78	.70	.63	.86	.77	.69	.58	.73	.67	.61	.70	.65	.60	.67	.63	.59	.56
4	.81	.69	.60	.53	.79	.68	.59	.50	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5	.75	.62	.53	.46	.72	.60	.52	.43	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6	.69	.55	.46	.40	.67	.54	.46	.38	.52	.45	.39	.50	.44	.39	.49	.43	.38	.36
7	.64	.50	.41	.35	.62	.49	.41	.33	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8	.59	.46	.37	.31	.58	.45	.37	.30	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9	.55	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10	.52	.39	.31	.25	.51	.38	.30	.24	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23

SDL-7-15-120D-930



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	216.4	25.5%	25.5%
0-40	357.7	42.2%	42.2%
0-60	641.0	75.6%	75.6%
60-90	187.8	22.2%	22.2%
70-100	87.8	10.4%	10.4%
90-120	9.8	1.2%	1.2%
0-90	828.8	97.8%	97.8%
90-180	18.8	2.2%	2.2%
0-180	847.7	100%	100%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.98	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1	1.08	1.03	.98	.94	1.05	1.00	.96	.82	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2	.98	.89	.82	.76	.95	.87	.81	.68	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3	.89	.78	.70	.63	.86	.76	.69	.58	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4	.81	.69	.60	.53	.79	.68	.59	.50	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5	.75	.62	.52	.46	.72	.60	.52	.43	.58	.50	.45	.56	.49	.44	.54	.48	.43	.41
6	.69	.55	.46	.40	.67	.54	.46	.38	.52	.45	.39	.50	.44	.38	.49	.43	.38	.36
7	.64	.50	.41	.35	.62	.49	.41	.33	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
8	.59	.46	.37	.31	.58	.45	.37	.30	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9	.55	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10	.52	.39	.31	.25	.51	.38	.30	.24	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23

Made to order items. Minimum 90 day lead time. Minimum order quantity may vary please contact sales.

[1] DLC Listed / [2] DLC Premium Listed / [3] Title 24 / [4] JA8 & Title 24 / Typical color consistency. May vary or be changed.

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. / 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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