



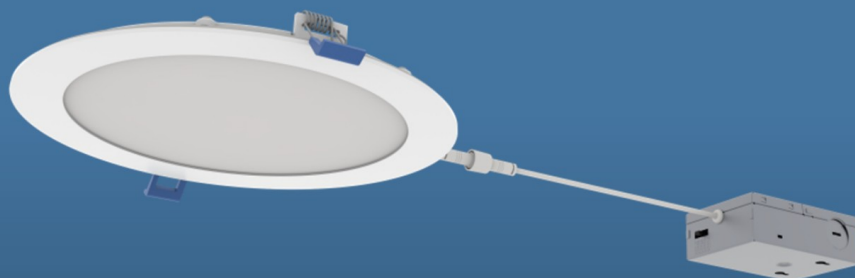
LOW PROFILE WAFER STYLE DOWNLIGHT

DESCRIPTION

The wafer-thin JLS-SD downlight with remote driver combines quality lighting and while eliminating the need for a large housing. This ultra thin design is appropriate for re-model or new construction with an optional frame-in kit sold separately for pre-wiring.

FEATURES

- 4 Size Options
- 120Vac 50/60Hz
- CCT: 5 Selectable CCTs, 2700L/3000K/3500K/4000K/5000K
- TRIAC Dimming
- 5-Year Standard Warranty



Revised 8/3/2026

Specifications are typical values and may change without notification



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efficiency. illuminated

LOW PROFILE DOWNLIGHT SD SERIES

SPECIFICATIONS

MODEL	JLS-SD						
SIZE	3 inch	4 inch		6 inch		8 inch	
INPUT VOLTAGE	120Vac 50/60Hz						
WATTAGE	7W	9W	8/10/12W	12W	9/12/15W	18W	15/18/22W
EFFICACY (lm/W)	80	83	75-88	83	83	83	83
LUMENS	560	750	600/850/1,000	1,000	750/1,000/1,250	1,500	1,350/1,500/1,805
POWER FACTOR	> 0.9						
THD	≤ 20%						
CRI	> 90						
CCT PRESETS	2700K/3000K/3500/4000K/5000K Selectable						
DIMMING TYPE	TRIAC						
LIFE (L70)	50,000 Hours						
OPERATIONAL TEMP.	-25°C to 40°C						
HOUSING MATERIAL	Die-Casted Aluminum Heatsink + Plastic Diffuser						
PROTECTION	IP44						
WARRANTY	5-Years						
CERTIFICATION	ETL/ES						

ORDERING GUIDE

EXAMPLE: JLS-SD-8-M3-9MCCT-N

MODEL	-	SIZE	-	WATTAGE	-	CCT	-	OPTIONS
JLS-SD		3 = 3 inch		7 = 7 W		9MCCT = 3000K/4000K/5000K		EM = 8W Emergency (Ordered Separately, See Below)
		4 = 4 inch		9 = 9 W M1 = 8/10/12W				
		6 = 6 inch		12 = 12 W M2 = 9/12/15 W				
		8 = 8 inch		18 = 18 W M3 = 15/18/22W				

EM BACKUP

JLS-G2EM-08170-HY	Emergency Back Up
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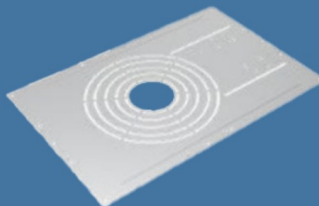
LOW PROFILE DOWNLIGHT SD SERIES

ACCESSORIES (SOLD SEPERATLY)

JLS-SD-GF-4/6/8	Goof Ring
JLS-SD-NCPR	3/4/6/8/10in Round New Construction Pans (Universal)
JLS-SD-B	Junction-Box
JLS-SD-HB	T-Grid Bar/ Hanger Bar
JLS-SD-NCPK	New Construction Plate Kits



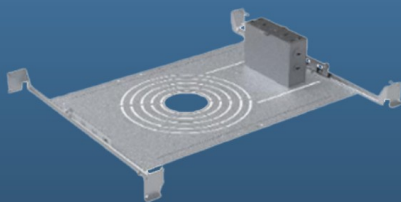
3/4/6/8 Inch Goof Rings



3/4/6/8 Inch Round New Construction Pans



J-BOX-1

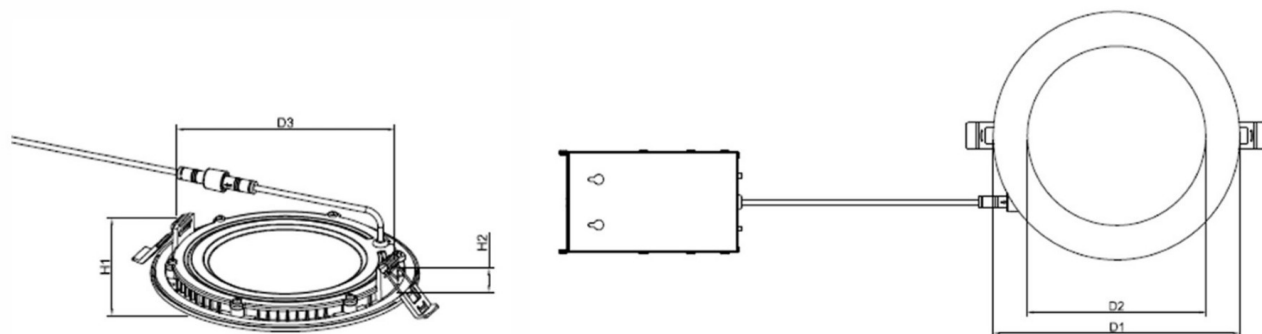


New Construction Plate Kits



T-BAR GRID HANGAR BAR

DIMENSIONS (Unit: inch)



SIZE	D1	D2	D3	H1	H2	Cut-out
3 inch	85.2mm	85.2mm	70.5mm	23.3mm	15.5mm	76mm
4 inch	120.5mm	79.4mm	105.8mm	23.3mm	15.5mm	110mm
6 inch	170.5mm	127.2mm	153.5mm	23.3mm	15.5mm	160mm
8 inch	223.2mm	175.0mm	202.4mm	23.3mm	15.5mm	203.2mm

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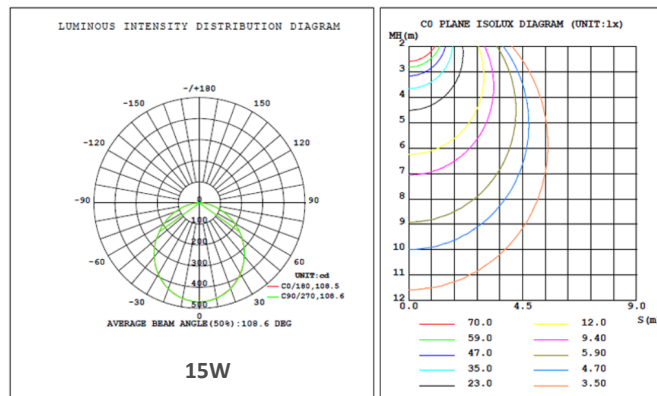
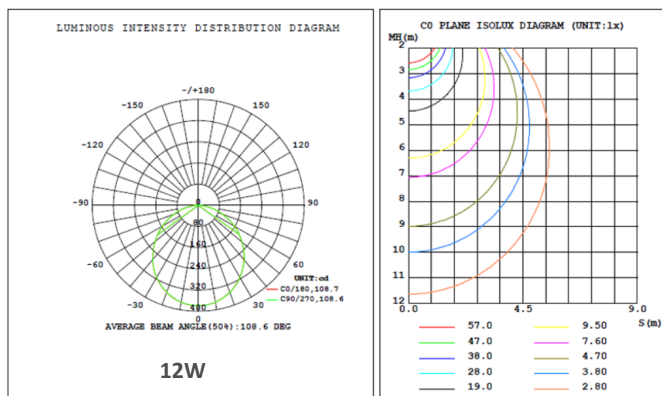
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OPTICAL DISTRIBUTION

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.19 lm/W			
MODEL		I _{max} (cd)	379.7	S/MH (C0/180)	1.24
NOMINAL POWER (W)	11	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1045.4	η UP, DN (C0-180)	0.0, 50.0
NOMINAL FLUX (lm)	1045.42	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.36 lm/W			
MODEL		I _{max} (cd)	469.3	S/MH (C0/180)	1.24
NOMINAL POWER (W)	14	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1294.4	η UP, DN (C0-180)	0.0, 49.7
NOMINAL FLUX (lm)	1294.45	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



COMPATIBLE DIMMERS

NO	BRAND	MODEL NUMBER	INTERFACE
1	LUTRON	SCL-153P	TRIAC
2	LUTRON	663-P	TRIAC
3	LUTRON	6683	TRIAC
4	LUTRON	6684	TRIAC
5	LUTRON	IP106	TRIAC
6	LUTRON	6672	TRIAC
7	LUTRON	6613-P	TRIAC
8	LUTRON	SCL-153P	TRIAC
9	LUTRON	AY-600P	TRIAC
10	LUTRON	D-603PH	TRIAC
11	LUTRON	LGCL-153PL	TRIAC
12	LUTRON	DV-603PG	TRIAC
13	LUTRON	TTCL-100H	TRIAC
14	LUTRON	DV-600P	TRIAC
15	LUTRON	AYCL-153P	TRIAC
16	LUTRON	DVCL-153PL	TRIAC
17	LEGRAND	CDLV703-PW	TRIAC
18	LEGRAND	D703-PTC	TRIAC
19	LEGRAND	DLV703-PLA	TRIAC
20	LEGRAND	H703PTCCCV6	TRIAC
21	COOPER	DLC03P	TRIAC
22	COOPER	9530WS	TRIAC

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