



PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

## LED IC RATED J-BOX DOWNLIGHT

## SJDL Series

Downlights

### DESCRIPTION

The SJDL Series LED Downlight is an economical all-in-one solution for recessed down lighting for general lighting applications. Easy to install in new construction and retrofit projects. SJDL downlight has slim body that fits into shallow ceilings.

### APPLICATION

Indoor general/ambient illumination. Idea for offices, schools, retail, and other architectural spaces that demand energy demand reduction and high quality light.



### SPECIFICATION FEATURES

#### Construction

SJDL Series is built with an integral junction box that eliminates the need for a traditional recessed housing. It features ti save installers time and cost. Simply connect the junction box wiring to a light switch and place it into ceiling. No can, bulb or extra labor required. Housing and optics maintain damp location rating.

#### Mounting

The easy fit installation allow for installation in a large range of commercial and architectural housing range.  
 - 4" trim fits 4.7" Min. to 5.3" Max. mounting frame diameters.  
 - 6" trim fits 6" Min. to 7.5" Max. mounting frame diameters.  
 - 8" trim fits 7.4" Min. to 8.9" Max. mounting frame diameters.

#### Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120-347V input voltage for increased versatility.

#### Controls

Suitable for use with dimming wall switch to achieve deeper energy-savings and code compliance.

#### Certifications / Regulatory

cULus listed. All components used have UL approval.

#### Warranty

5-year limited warranty. See complete warranty terms for details.

### Quick Ship Product

- SJDL-415/835
- SJDL-415/835-10V
- SJDL-415/840
- SJDL-415/840-10V
- SJDL-420/840-10V
- SJDL-420/850A-10V
- SJDL-4(20/15/10)/8A-10V

## ORDERING INFORMATION

Sample Number: **SJDL-415/840-10V**

SJDL	4	15	8	40	10V
<b>Series</b>	<b>Form Factor</b>	<b>Lumen Package</b>	<b>CRI</b>	<b>CCT</b>	<b>Dimming</b>
SJDL - LED IC	4 - 4" round trim	15 - 15W	8 - 80+ CRI	35 - 3500K	(Blank) - non-dimmable
Rated J-box	6 - 6" round trim	20 - 20W		40 - 4000K	10V - 1-10V dimmable
Downlight	8 - 8" round trim	(20/15/10) - 20/15/10W Adjustable		A - 3000K/3500K/4000K Adjustable	(120-277V input for non-dimmable version,
	10 - 10" round trim	(40/34/27) - 40/34/27W Adjustable		50A* - 3000K/4000K/5000K Adjustable	120-347V input for dimmable version)
	4-S - 4" square trim			*(only 10-20W optional, not 40W)	
	6-S - 6" square trim				
	4-RW - 4" wall wash round trim				
	6-RW - 6" wall wash round trim				
	4-SW - 4" wall wash square trim				
	6-SW - 6" wall wash square trim				

### Options

#### Controls

SMC - Smart Control System

#### Emergency Backup

(require field installation)

EM700 - 700lm

SUMMARY

Input Voltage	120-347V, 120-277V
Input Power	See energy data for details
Power Factor	>0.95
THD (Max.)	20%
Efficacy	80 LPW
Delivered Lumens	See energy data for details
CRI	>80
CCT	3500K, 4000K 3000K/3500K/4000K Selectable or 3000K/4000K/5000K Selectable
Beam Angle	4": 65°, 6": 70°, 8": 75°
Operating Temp.	-4 ~ +113°F (-20 ~ +45°C)
Rated Life	50,000 hours

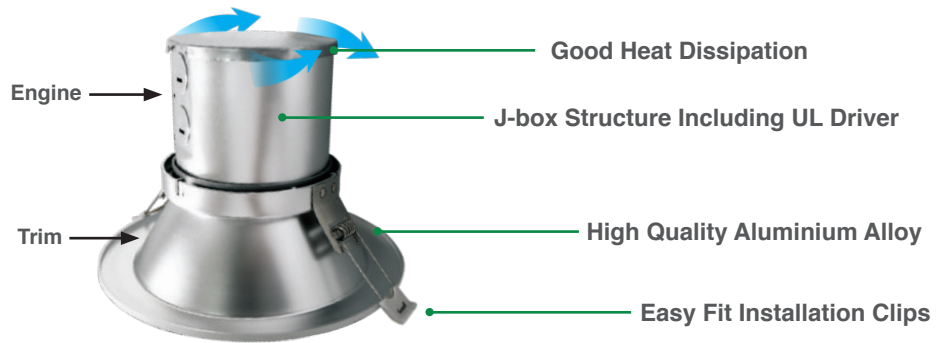
ENERGY PERFORMANCE DATA

Trim Size	Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
4"	SJDL-415/8XX*	15	1125	75
	SJDL-420/8XX*	20	1500	75
	SJDL-4(20/15/10)/8A	20/15/10	1600/1200/800	80
	SJDL-4(20/15/10)/850A	20/15/10	1600/1200/800	80
	SJDL-4(40/34/27)/8A	40/34/27	3200/2720/2160	80
6"	SJDL-615/8XX*	15	1125	75
	SJDL-620/8XX*	20	1500	75
	SJDL-6(20/15/10)/8A	20/15/10	1600/1200/800	80
	SJDL-6(20/15/10)/850A	20/15/10	1600/1200/800	80
	SJDL-6(40/34/27)/8A	40/34/27	3200/2720/2160	80
8"	SJDL-815/8XX*	15	1125	75
	SJDL-820/8XX*	20	1500	75
	SJDL-8(20/15/10)/8A	20/15/10	1600/1200/800	80
	SJDL-8(20/15/10)/850A	20/15/10	1600/1200/800	80
	SJDL-8(40/34/27)/8A	40/34/27	3200/2720/2160	80
10"	SJDL-1015/8XX*	15	1125	75
	SJDL-1020/8XX*	20	1500	75
	SJDL-10(20/15/10)/8A	20/15/10	1600/1200/800	80
	SJDL-10(20/15/10)/850A	20/15/10	1600/1200/800	80
	SJDL-10(40/34/27)/8A	40/34/27	3200/2720/2160	80

\* XX should be 35 or 40 or 50A as 3500K,4000K,3000K/4000K/5000K

PHYSICAL PARAMETERS

Variety of trim sizes and wattages, Engine and Trim required and must be ordered separately.



DIMENSION

