



PROJECT

TYPE

DATE

ITEM NO.

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. Ideal for offices, schools, retail, and other architectural spaces that require 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 saves 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. Twist-lock modular design for install trims. Housing and optics maintain damp location rated.

#### Mounting

The easy fit installation allow for installation in a large range of commercial and architectural housing range. Trims with white finish.

- 4" round trim fits 4.7" Min. to 5.2" Max. mounting frame diameters.
- 4" square trim fits 5.3" Min. to 6" Max. mounting frame diameters.
- 6" trim fits 6" Min. to 7.3" Max. mounting frame diameters.
- 8" trim fits 7.4" Min. to 8.9" Max. mounting frame diameters.
- 10" trim fits 9.5" Min. to 10.8" Max. mounting frame diameters.

#### Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120-277V 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 for dry and damp locations rated, IC rated for maximum 20W items only.

#### Warranty

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

### Quick Ship Product

## ORDERING INFORMATION

Sample Number: **SJDL-H20/840-10V-C-4**

Series	Lumen Package		CRI	CCT	Dimmable
SJDL - J-box Downlight	<b>H15</b>	<b>H(20/15/10)</b>	<b>8</b> - 80CRI	<b>A</b> - 4000/3500/3000K Adjustable <b>30</b> - 3000K <b>35</b> - 3500K <b>40</b> - 4000K	<b>(Blank)</b> - non-dimmable <b>10V</b> - 1-10V dimmable
	- 15W, 1125lm	- 20/15/10W, 1500/1170/800lm			
	<b>H20</b>	<b>H(40/34/27)</b>			
	- 20W, 1500lm	- 40/34/27W, 3200/2890/2430lm			
		<b>H(60/50/40)</b>			
		- 60/50/40W, 6180/5300/4360lm			

Input Voltage	Trims	Emergency Backup
<b>(Blank)</b> - 120-277V <b>C</b> - 120-347V	<b>4</b> - 4" round trim (not for 60/50/40 engine)	<b>EM-8W</b> - 8W EM
	<b>4-S</b> - 4" square trim (not for 60/50/40 engine)	<b>EM-18W</b> - 18W EM
	<b>4-RW</b> - 4" wall wash round trim (not for 60/50/40 engine)	* Require field installation
	<b>4-SW</b> - 4" wall wash square trim (not for 60/50/40 engine)	
	<b>6</b> - 6" round trim	
	<b>6-S</b> - 6" square trim	
	<b>6-RW</b> - 6" wall wash round trim (not for 60/50/40 engine)	
	<b>6-SW</b> - 6" wall wash square trim (not for 60/50/40 engine)	
	<b>8</b> - 8" round trim	
	<b>10</b> - 10" round trim	

## SUMMARY

Input Voltage	120-277V
Input Power	See energy data for details
Power Factor	>0.95
THD (Max.)	20%
Efficacy	> 75 LPW
Delivered Lumens	See energy data for details
CRI	>80
CCT	3000K, 3500K, 4000K 3000K/3500K/4000K Selectable
Beam Angle	4":70-80°, 6":55-75°, 8":70°, 10": 75°
Operating Temp.	-4 ~ +113°F (-20 ~ +45°C)
Rated Life	50,000 hours

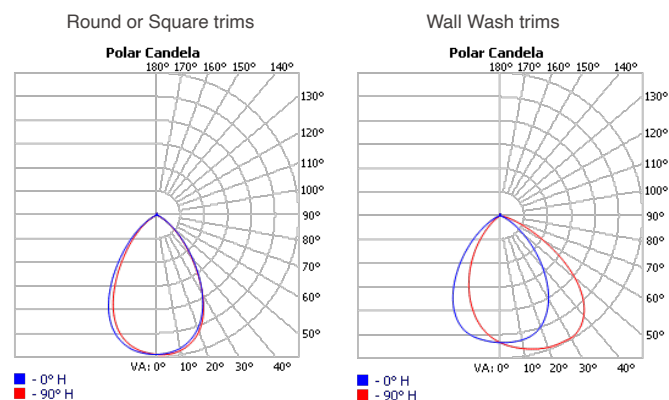
## ENERGY PERFORMANCE DATA

Form Factor	Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
X=4,6,8,10 Y=6,8,10	SJDL-H15/835-X	15	1125	75
	SJDL-H15/840-X			
	SJDL-H20/830-X	20	1500	75
	SJDL-H20/835-10V-C-X			
	SJDL-H20/840-10V-C-X	20/15/10	1500/1170/800	75
	SJDL-H(20/15/10)/8A-10V-C-X			
	SJDL-H(40/34/27)/8A-10V-C-X	40/34/27	3200/2720/2160	80
	SJDL-H(60/50/40)/8A-10V-C-Y	60/50/40	6180/5300/4360	103

\*The delivered lumens above are based on highest wattage and 4000K.

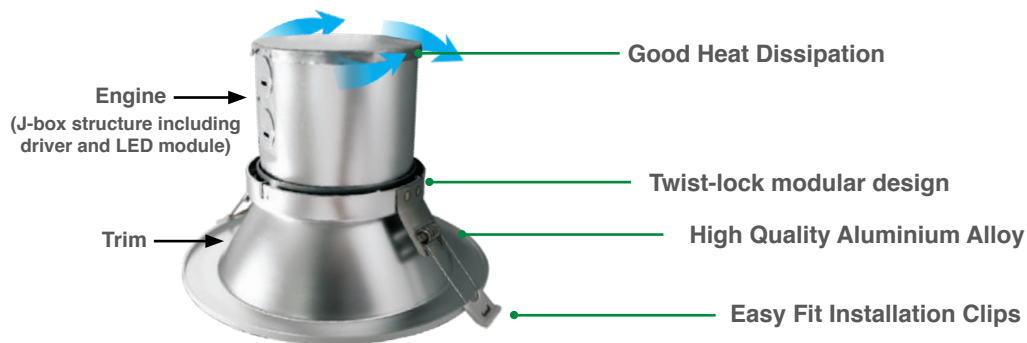
\*\*Default setting at time of shipping are highest wattage and highest CCT.

## OPTICS



## PHYSICAL PARAMETERS

Variety of trim sizes and watt-ages. The innovative separable design of engine and trim makes it more flexible.



Engine



Trims



DIMENSION

SJDL-H15, H20, H(20/15/10) IC rated

SJDL-H(40/34/27) Non-IC rated

SJDL-H(60/50/40) Non-IC rated

With Round Trim

With Square Trim

With Round Trim

With Square Trim

With Round Trim

