



PROJECT

TYPE

DATE

ITEM NO.

NOTE

LED COMMERCIAL DOWNLIGHT - TRIAC DIMMING**CSDL-TR Series**

Triac dimming Downlight

DESCRIPTION

The CSDL-TR Series LED Commercial Downlight is an economical all-in-one solution for recessed down lighting for commercial lighting applications. Easy to install in new construction and replace most manufacturers incandescent, CFL or HID fixtures. CSDL-TR series comes in 4", 6", 8", and 10" trim.

APPLICATION

Indoor general/ambient illumination. Ideal for offices, hotels, retails, and other architectural spaces that require energy demand reduction and high quality light.

**SPECIFICATION FEATURES****Construction**

CSDL-TR Series is built with easy conversion method and installation can be performed from below the ceiling without removing existing fixture. Housing and optics maintain wet location rating, with metal conduit and suitable for G1/2 knockout.

Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120V input voltage for increased versatility. Suitable for wet location. Non-IC rated.

Controls

Supports connect with Triac dimmer to implement line voltage phase-cut dimming.

Certifications / Regulatory

cETLus listed for wet location rated.

Warranty

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

Quick Ship Product**ORDERING INFORMATION****Sample Number: CSDL-4-20A/830-50D-TR**

Series	Trims Size	Lumen Package		CRI	CCT
CSDL - CS Downlight	4 - 4"	4"	8"	8 - 80CRI	30 - 3000K
	6 - 6"	4-20A	8-60A		40 - 4000K
	8 - 8"	- 20W,1850lm	- 60W,6200lm		50 - 5000K
	10 - 10"	6"	10"		
		6-40A	10-60A		
		- 40W,4000lm	- 60W,6200lm		

Beam Angle	Dimming method	Color	Accessories
50D - 50° beam angle (For 4", 6" only)	TR - Triac Dimming	(Blank) - White	CSDL-NCB-DW - New Construction Bracket for Drywall (only compatible with 4-8" trim but not 10" trim)
70D - 70° beam angle (For 4", 6" only)		BK - Black (option)	
40D - 40° beam angle (For 8", 10" only)			CSDL-NCB-TG - New Construction Bracket for T-Grid
60D - 60° beam angle (For 8", 10" only)			

SUMMARY

Input Voltage	120V
Input Power	See energy data for details
Power Factor	>0.9
THD (Max.)	20%
Efficacy	95-110 LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	Triac dimming
Dimming Range	1-100%
CRI	>80
CCT	3000/4000/5000K
Operating Temp.	-4°F~+122°F (-20°C~+50°C)
Rated Life	50,000 hours

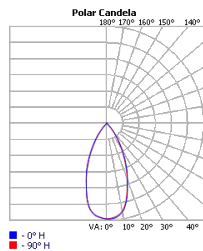
ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
CSDL-4-20A/8xx-50D-TR	20	1850	95
CSDL-4-20A/8xx-70D-TR	20	1850	95
CSDL-6-40A/8xx-50D-TR	40	4000	110
CSDL-6-40A/8xx-70D-TR	40	4000	110
CSDL-8-60A/8xx-40D-TR	60	6200	105
CSDL-8-60A/8xx-60D-TR	60	6200	105
CSDL-10-60A/8xx-40D-TR	60	6200	105
CSDL-10-60A/8xx-60D-TR	60	6200	105

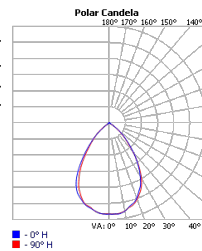
*The delivered lumens above are based on highest wattage and 4000K.

OPTICS

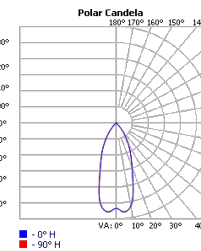
Beam Angle 50° for 4", 6"



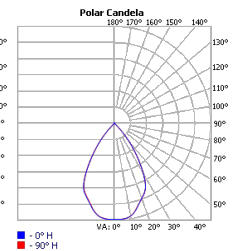
Beam Angle 70° for 4", 6"



Beam Angle 40° for 8", 10"

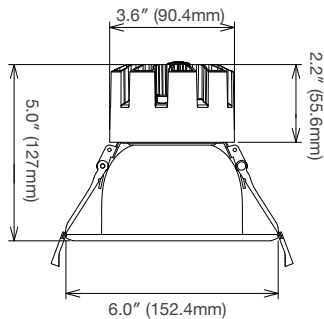


Beam Angle 60° for 8", 10"

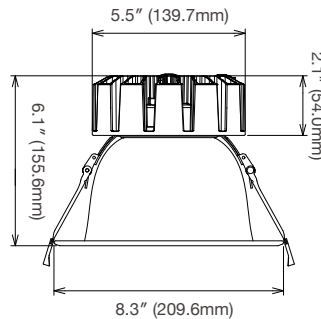


PHYSICAL PARAMETERS

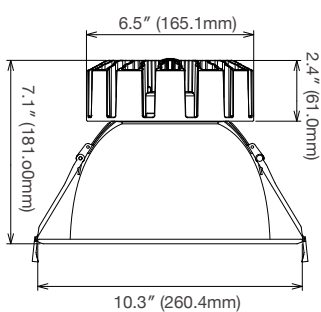
CSDL-4-20A



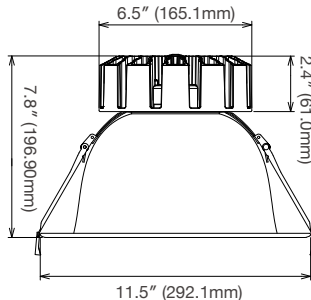
CSDL-6-40A



CSDL-8-60A

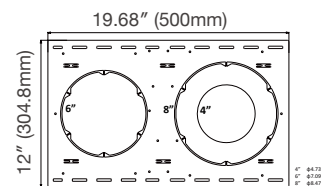


CSDL-10-60A



Accessory

CSDL-NCB-DW



CSDL-NCB-TG

