

DESCRIPTION

The WCSDb Commercial downlight is equipped with a convenient selectable color temperature and wattage dip switch, making it versatile for a wide range of applications. With an integrated driver, the WCSDb series seamlessly retrofits existing commercial housings and allows for easy field access from below the ceiling. The self-flanged spun aluminum reflector, coupled with a frosted lens, effectively shields direct views from LEDs, ensuring comfortable and ambient lighting.

ELECTRICAL

Field select from three lumen outputs and color temperatures using dip switches on fixture. 1-10V dimmable to 10% using forward or reverse phase dimmers.

LED ENGINE

Selectable CCT: 2700K, 3000K, 3500K, 4000K and 5000K

3 Selectable Wattages

80 CRI

LED board mounted to aluminum heat sink for maximum life output and thermal management.

FEATURES

Selectable Kelvin temperature & wattage

Driver Info: 120-277V; 50/60 Hz

LED Life: 50,000 Hours

Operating Temperature: -20°F to 113°F

Warranty: 5 year limited warranty

0-10V dimming (10-100%)

IP54 Rated (Splashing water)

IK06 Rated

IC and Airtight Rated

White finish: RAL9016

Project:	Date
Type:	
Model:	



Flexible steel conduit with 1/2" KO (3/8" Trade Size) snap in connector.



WATTAGE
SELECTABLE

5 CCT
SELECTABLE

Example: WCSDb-4-WS12-CCTS-Y



Series	Trim size	Wattage Selectable	CCTS	Voltage
WCSDb Commercial Downlight with Baffle	4 4 inch	WS12 Selectable Wattage 6W / 9W / 12W	CCTS Selectable Color Temperature 2700K / 3000K / 3500K / 4000K / 5000K	Y 120-277V
	6 6 inch	WS22 Selectable Wattage 12W / 17W / 22W		
	8 8 inch	WS30 Selectable Wattage 17W / 24W / 30W		
	10 10 inch	WS38 Selectable Wattage 22W / 30W / 38W		

Enter configuration:

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

WCSDb Series

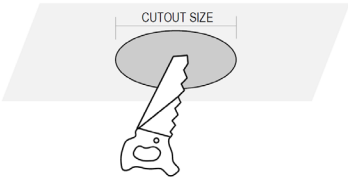
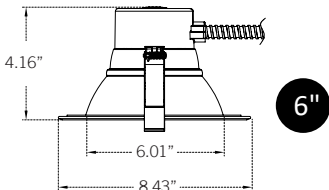
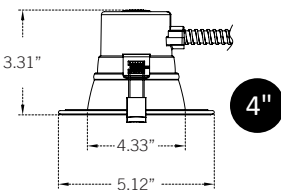
Specifications & Measurements



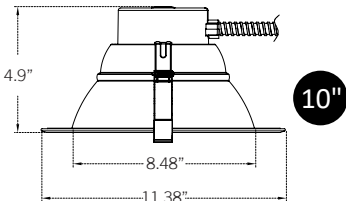
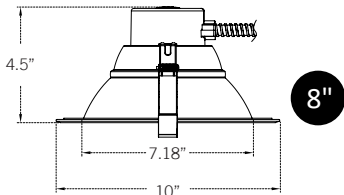
PERFORMANCE DATA

Model	Wattage Selectable	Lumens	CCT Selectable	Lm/W	Power Factor	CRI	Beam	Voltage	Frequency
WCSDb-4	12W 9W 6W	1,159 893 628	27K / 30K / 35K / 40K / 50K Selectable	100 lm/W	>0.95	>80	90°	120-277V	50/60Hz
WCSDb-6	22W 17W 12W	2,194 1,694 1,296							
WCSDb-8	30W 24W 17W	3,273 2,621 1,871							
WCSDb-10	38W 30W 22W	3,892 3,141 2,356							

DIMENSIONS



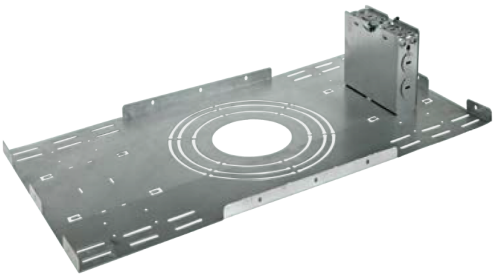
SIZE	HOLE SIZE
4inch	4 21/64"(110mm)
6inch	6 19/64" (160mm)
8inch	8 5/64"(205mm)
10inch	8 31/32"(228mm)



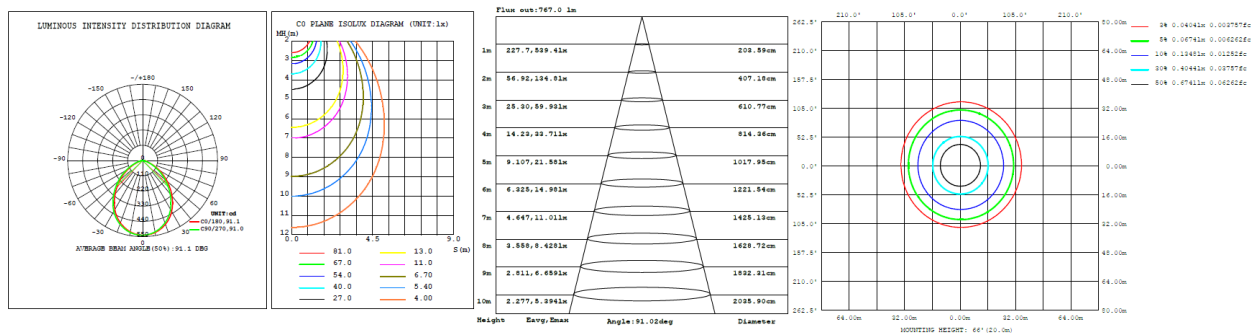
ACCESSORIES



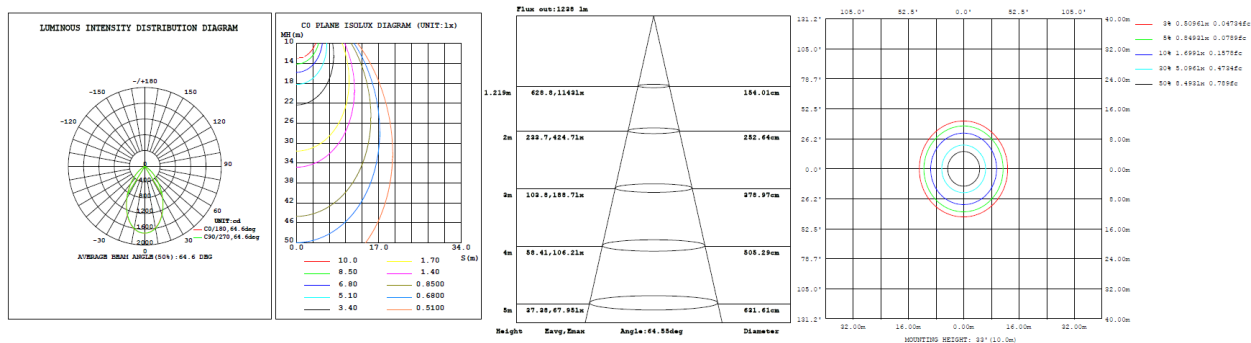
8W/15W/20W Emergency Backup
Battery LED Driver



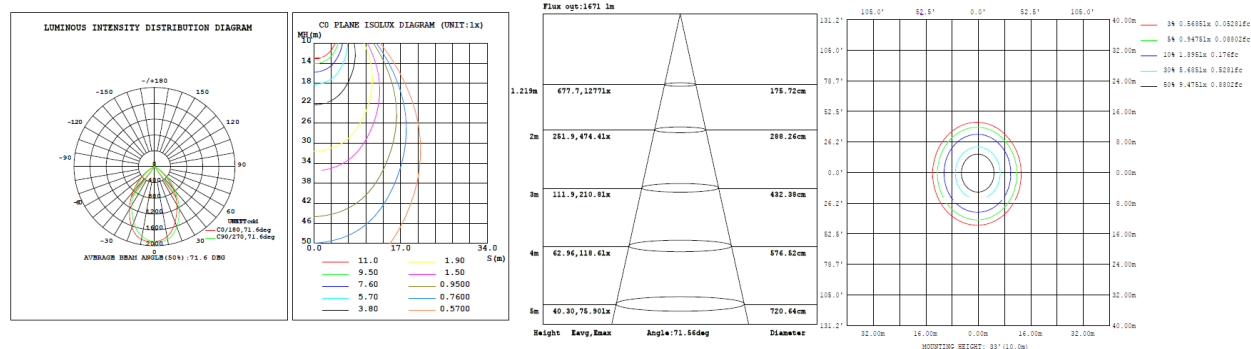
NAME	T-Grid
TYPE	CDL-T-Grid
FINISH	Silver
USE	New Construction or Remodel Plate for T-grid Ceilings Used for 4 ", 6 ", 8 ", 10 " Leds Installation of COMMERCIAL DOWNLIGHT



PHOTOMETRIC (WCSDB-6)



PHOTOMETRIC (WCSDB-8)



PHOTOMETRIC (WCSDB-10)

