Yigeda Lighting Ltd.

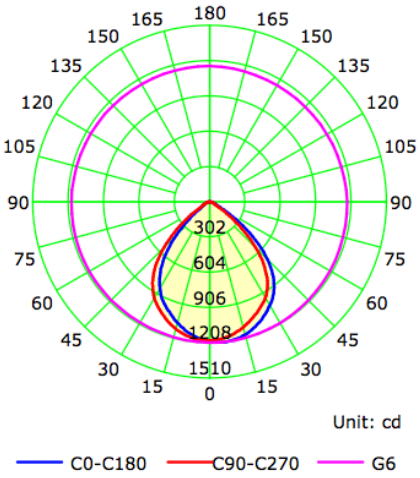
LED 8” Commercial Downlight

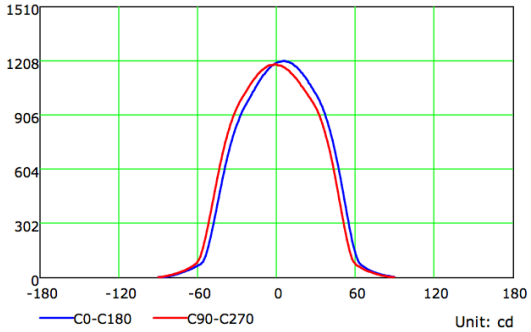
Product Description

- Repalcing traditional 8’’ CFL, HID or Incandescent commercial down light
- Consumes 25W and 50W only and saves at least 80% energy
- 25,000hrs long lifetime, last 20 times longer than halogen lamp
- Extremely even light distribution
- Limited 3 years warranty (find details on our website)
- cUL, CE listed, FCC, RoHS compliant
- Excellent dimmable to 10%, stable and without flickering
- Illumination lighting for homes, offices, restaurants, hotels, malls etc; display lighting for stores and shops

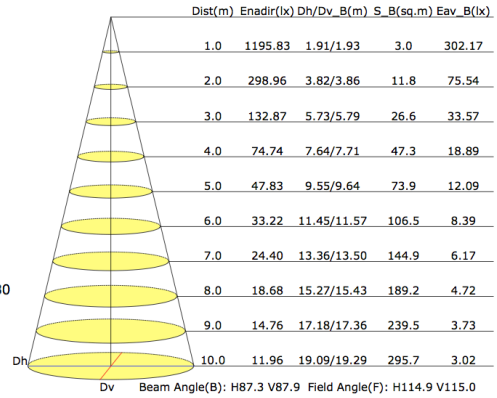
Optical Parameter (shows 25W 8’’ Commercial Down light as default)

Luminous Intensity Distribution Curve

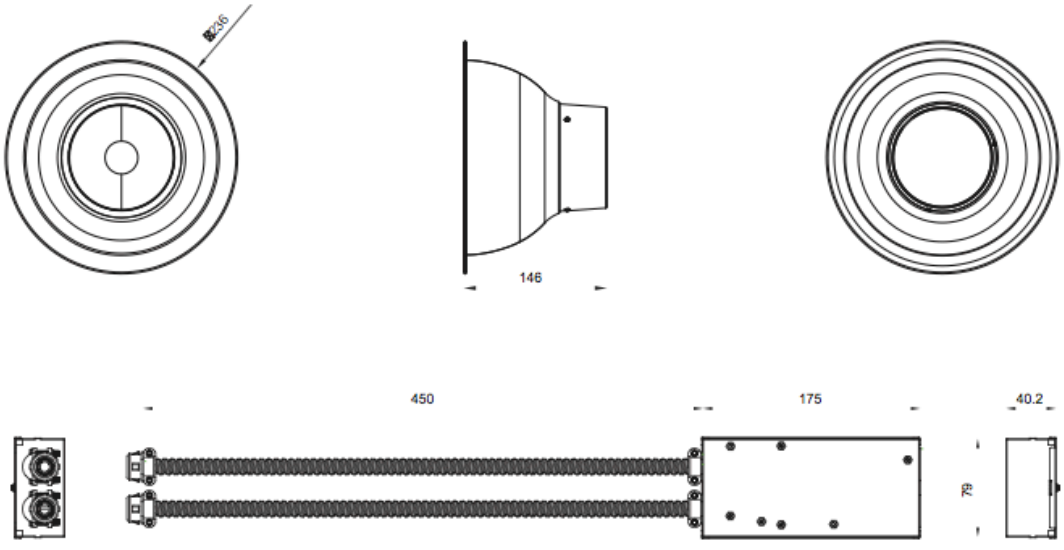




Illuminance at a Distance



Product Dimension (mm)



Tel: +1 604-620-8688 Fax: +1 604-620-8665
Add: 1910-1030 W. Georgia St, Vancouver, B.C., Canada.

Product Details

Ordering Code	Input Voltage(VAC)	Lamp Shape	Base Type	Wattage (W)	CCT	Beam Angle	Initial Lumens(lm)	Rated Life(hrs.)	CRI	Equivalency	Certificate
CD8L25D9X	120-277	8"Downlight	Edison	25W	2700-5000	80	1800	25,000	82	125W	UL,CE, Energy star
CD8L50D9X	120-277	8"Downlight	Edison	50W	2700-5000	80	3700	25,000	82	250W	UL,CE, Energy star

Energy Efficiency (shows 50W 8" Commercial Downlight as default)

	Estimated Lighting Costs Using a Standard 250W HPS	Estimated Lighting Costs Using a Yigeda LED 50W COB 8'' Commercial Downlight
Present Wattage	250W	50W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 912,500 Watts per year	= 182,500 Watts per year
÷ 1,000	= 912.5 kWh per year	= 182.5 kWh per year
× kWh rate ($0.10)	= $91.25 per year	= $18.25 per year
× 100 lamps per space	= $9,125 annual energy cost per space	= $1825 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	**= $7,300**	

This energy saving example shows an application of 100 lamps in a space currently using a 250W HPS and Yigeda LED 50W 8" Commercial Downlight, operating 3,650 hours per year (10 hours per day) at a cost of $0.10 per kWh.

Manual for Commercial Downlight

IMPORTANT SAFETY INFORMATION. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Follow label information and instructions concerning WET or Damp Locations, installation near combustible materials, insulation, building materials, and proper lamping.

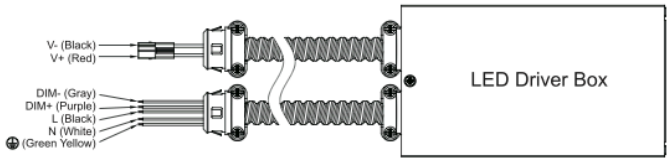
WARNING - Risk of fire or electric shock. LED Retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

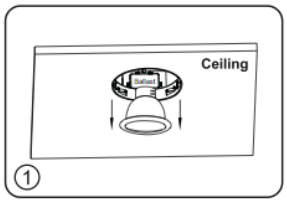
WARNING – Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

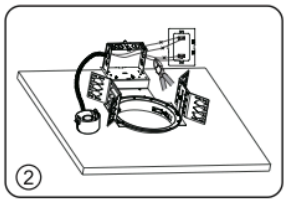
WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Guide for wires connection

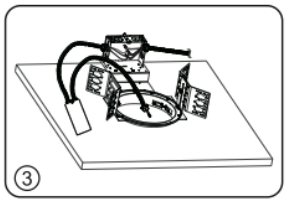




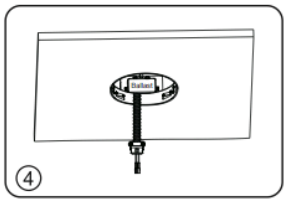
Step 1: Turn off electrical power before removing the CFL lamp and trim.



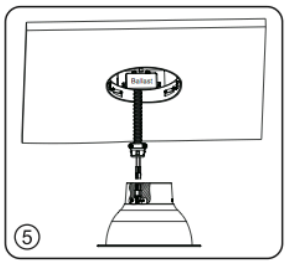
Step 2: Open the J-box and cut off the wires connected to the ballast.



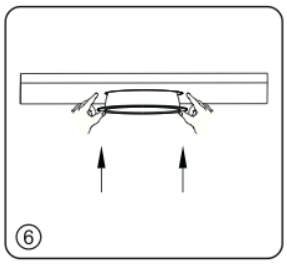
Step 3: Set the LED driver box beside the frame, tuck one connection end into existing J-box to connect electrical power (see "guide for wires connection") and then push back the dam board.



Step 4: Have the other connection end hung out.



Step 5: Connect the wire with down light.



Step 6: Push the led downlight upward carefully and make sure the trim is firmly stuck by the mounting frame.

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