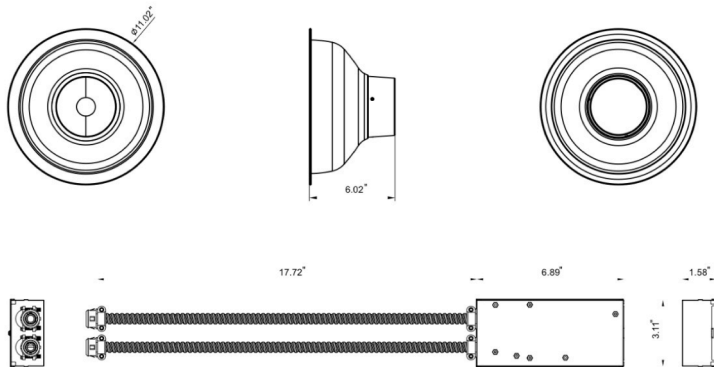


Product Description

- Replacing traditional 10" CFL, HID or Incandescent commercial down lights
- Ideal design for thermal solution, with long lifespan 50,000 hours
- 0-10V dimming solution, stable and without flickering
- Optional for various CCT
- UL and Energy Star qualified
- Limited 3 year warranty (please see website for more details)
- Ideal use for hotel lobby, shopping mall, supermarket, schools, corridors, etc.



Optical Parameter



Product Dimension

Unit: mm/inch

Product Details

Ordering Code	Input Voltage(VAC)	Dimmable	Wattage (W)	CCT	Beam Angle	Initial Lumens(lm)	Rated Life(hrs.)	CRI	Equivalency	Certificate
CD10L42 D940KH	347V	0-10V	42W	4000K	80	3500	50,000	82	150W	UL, Energy star

Energy Efficiency

	Estimated Lighting Costs Using a Standard 150W 10" Commercial Downlight	Estimated Lighting Costs Using a Yigeda LED 42W 10" Commercial Downlight
Present Wattage	150W	42W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 547,500 Watts per year	= 153,300 Watts per year
÷ 1,000	= 547.5 kWh per year	= 153.3 kWh per year
× kWh rate (\$0.10)	= \$54.75 per year	= \$15.33 per year
× 100 lamps per space	= \$5,475 annual energy cost per space	= \$1,533 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$3,942	

This energy saving example shows an application of 100 lamps in a space currently using a 150W 10" Commercial Downlight and Yigeda LED 10" Commercial Downlight, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.