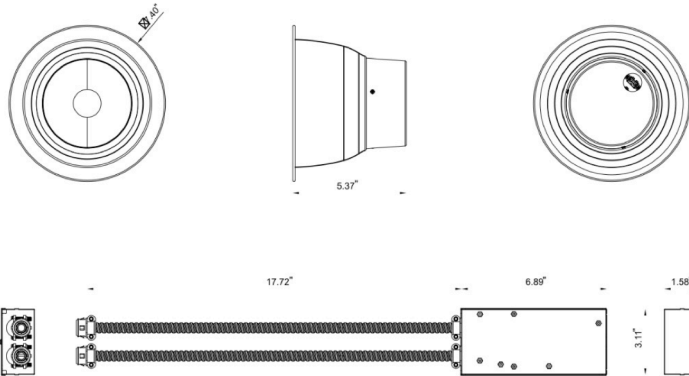


Product Description

- Replacing traditional 6" 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
CD6L22D 120V	100-277	0-10V	22W	4000K	90	1500	50,000	82	70W	UL, Energy star

Energy Efficiency

	Estimated Lighting Costs Using a Standard 70W 6" Commercial Downlight	Estimated Lighting Costs Using a Yigeda LED 22W 6" Commercial Downlight
Present Wattage	70W	22W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 255,500 Watts per year	= 80,300 Watts per year
÷ 1,000	= 255.5 kWh per year	= 80.3 kWh per year
× kWh rate (\$0.10)	= \$25.55 per year	= \$8.03 per year
× 100 lamps per space	= \$2,555 annual energy cost per space	= \$803 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$1,752	

This energy saving example shows an application of 100 lamps in a space currently using a 70W 6" Commercial Downlight and Yigeda LED 6" Commercial Downlight, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.