

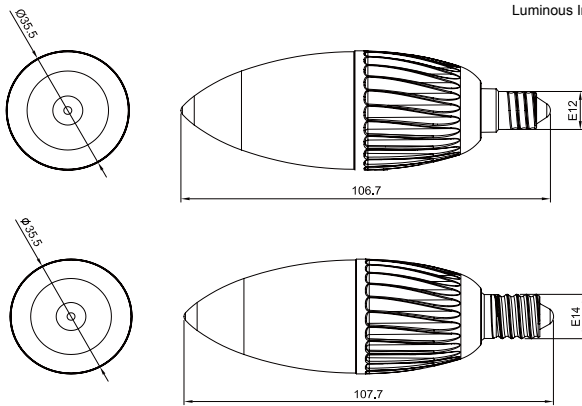
Product Description

- E12, E14 base available
- Replacing 25W halogen lamps
- Consumes 4.5W only and saves at least 80% energy
- 30,000hrs long lifetime, last 20 times longer than halogen lamp
- Extremely even light distribution
- Limited 7 years warranty (find details on our website)
- cUL, CE listed, FCC, RoHS compliant
- Excellent dimmable to 10%
- Ideal use for decorative lighting, residential lighting, entertainment light etc.

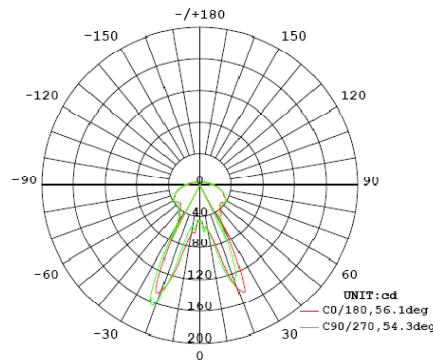


Optical Parameter (shows 2700k 200° CA12 as default)

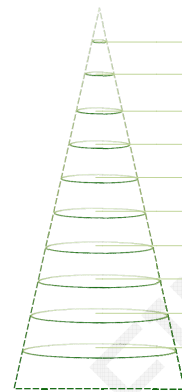
Product Dimension



Luminous Intensity Distribution



Angle: 55.1°, Flux out: 76.0 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	52.2	342.2	531.1
1.0	104.3	85.6	132.8
1.5	156.5	38.0	59.0
2.0	208.7	21.4	33.2
2.5	260.8	13.7	21.3
3.0	313.0	9.5	14.8
3.5	365.2	7.0	10.8
4.0	417.3	5.3	8.3
4.5	469.5	4.2	6.6
5.0	521.7	3.4	5.3

Product Details

Ordering Code	Input Voltage(VAC)	Lamp Shape	Base Type	Wattage (W)	CCT	Beam Angle	Initial Lumens(lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
C12B4D200-	120	Candle Light	E12	4.5W	2700-5000	200	270-300	30,000	80	0.8	25W	UL,CE,RoHS
C14B4D200-	120	Candle Light	E12	4.5W	2700-5000	200	270-300	30,000	80	0.8	25W	UL,CE,RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 25W incandescent Candle Light	Estimated Lighting Costs Using a Yigeda 4.5W Candle Light
Present Wattage	25W	4.5W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 91,250 Watts per year	= 16,425 Watts per year
÷ 1,000	= 91.25 kWh per year	= 16.425 kWh per year
× kWh rate (\$0.10)	= \$9 per year	= \$1.6 per year
× 100 lamps per space	= \$913 annual energy cost per space	= \$164 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$749	

This energy saving example shows an application of 100 lamps in a space currently using a 25W incandescent candle light and Yigeda LED COB 4.5W Candle light, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.