

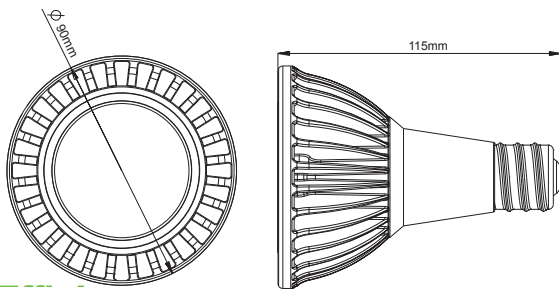
Product Description

- Replacing 75W halogen lamps
- Consumes 12W only and saves at least 80% energy
- Available in accurate beam angles of 15°, 25°, 40° and 100°
- 25,000hrs long lifetime, last 20 times longer than halogen lamp
- Extremely even light distribution
- Limited 5 years warranty (find details on our website)
- cUL, CE listed, FCC, RoHS compliant
- Excellent dimmable to 10%
- Ideal for spot lights, track lights, down lights, display applications

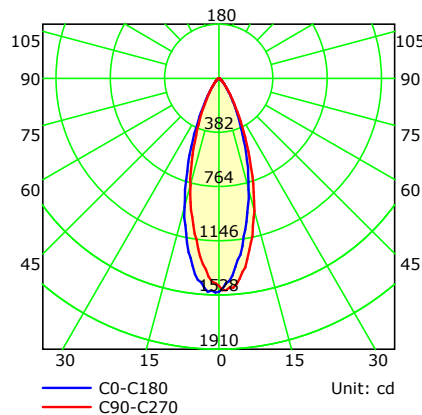


Optical Parameter (shows 2700k 40° PAR30 as default)

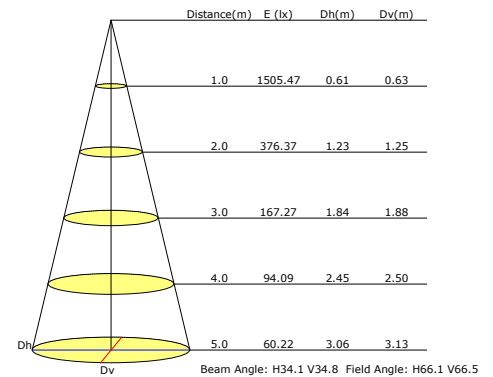
Product Dimension



Luminous Intensity Distribution Curve



Illuminance at a Distance



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
P30C12D(40)2	120/230	PAR30	E26	12W	2700	25-100	750	25,000	81	0.95	75W	UL,CE, Energy Star
P30C12D(40)3	120/230	PAR30	E26	12W	3000	25-100	750	25,000	80	0.95	75W	UL,CE, Energy Star
P30C12D(40)4	120/230	PAR30	E26	12W	4000	25-100	850	25,000	78	0.95	75W	UL,CE, Energy Star
P30C12D(40)6	120/230	PAR30	E26	12W	6000	25-100	850	25,000	70	0.95	75W	UL,CE, Energy Star

Energy Efficiency

	Estimated Lighting Costs Using a Standard 75W Halogen PAR30	Estimated Lighting Costs Using a Yigeda LED 12W CREE PAR30
Present Wattage	75W	12W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 273,750 Watts per year	= 43,800 Watts per year
÷ 1,000	= 273.5 kWh per year	= 43.8 kWh per year
x kWh rate (\$0.10)	= \$27 per year	= \$4.38 per year
x 100 lamps per space	= \$2,738 annual energy cost per space	= \$438 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$2,298	

This energy saving example shows an application of 100 lamps in a space currently using a 75W halogen PAR30 and Yigeda 12W CREE PAR30, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.