Yigeda Lighting Ltd.

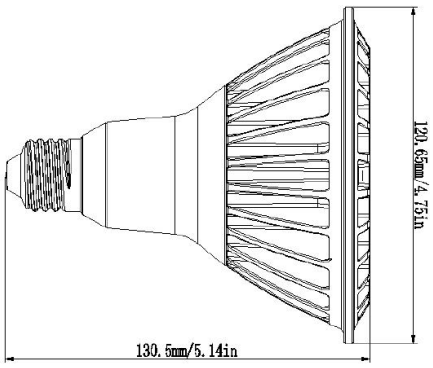
LED 16W HP PAR38

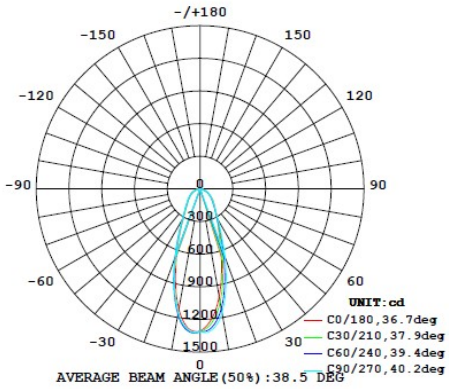
Product Description

- 1100lm light output
- Replacing 115W halogen lamps
- Consumes 16W only and saves at least 80% energy
- 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

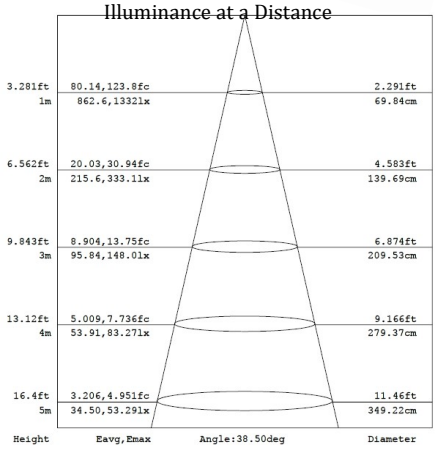
Optical Parameter (shows 2700k 30° PAR38 as default)

Product Dimension





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
P38H16D302	120/230	PAR38	E26	16W	2700	25/40	1100	25,000	>80	0.95	115W	UL,CE,RoHS
P38H16D303	120/230	PAR38	E26	16W	3000	25/40	1150	25,000	>80	0.95	115W	UL,CE,RoHS
P38H16D304	120/230	PAR38	E26	16W	4000	25/40	1200	25,000	>80	0.95	115W	UL,CE,RoHS

Energy Efficiency

	Estimated Lighting Costs Using a Standard 115W Halogen PAR38	Estimated Lighting Costs Using a Yigeda LED 16W HP PAR38
Present Wattage	115W	16W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 419,750 Watts per year	= 58,400 Watts per year
÷ 1,000	= 419.8 kWh per year	= 58.4 kWh per year
× kWh rate ($0.10)	= $41.98 per year	= $5.84 per year
× 100 lamps per space	= $4,198 annual energy cost per space	= $584 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	**= $3,614**	

This energy saving example shows an application of 100 lamps in a space currently using a 115W halogen PAR38 and Yigeda 16W HP PAR38, operating 3,650 hours per year (10 hours per day) at a cost of $0.10 per kWh.

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