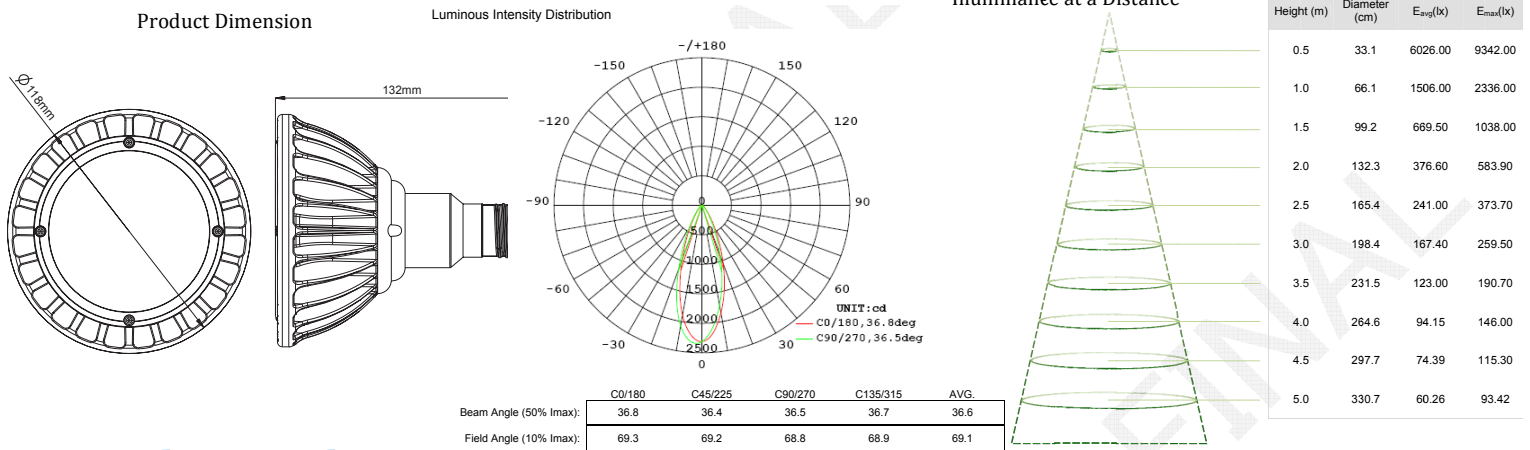


## Product Description

- Replacing 120W halogen lamps
- Consumes 17W 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° PAR38 as default)



## 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
P38C17D(40)2	120/230	PAR38	E26	17W	2700	25-100	1200	25,000	80	0.97	120W	UL,CE,RoHS
P38C17D(40)3	120/230	PAR38	E26	17W	3000	25-100	1200	25,000	80	0.97	120W	UL,CE,RoHS
P38C17D(40)4	120/230	PAR38	E26	17W	4000	25-100	1200	25,000	81	0.96	120W	UL,CE,RoHS
P28C17D(40)5	120/230	PAR38	E26	17W	5000	25-100	1350	25,000	70	0.95	120W	UL,CE,RoHS

## Energy Efficiency

	Estimated Lighting Costs Using a Standard 120W Halogen PAR38	Estimated Lighting Costs Using a Yigeda LED 17W PAR38
Present Wattage	120W	17W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 438,000 Watts per year	= 62,050 Watts per year
÷ 1,000	= 438 kWh per year	= 62.1 kWh per year
× kWh rate (\$0.10)	= \$44 per year	= \$6.21 per year
× 100 lamps per space	= \$4,380 annual energy cost per space	= \$621 annual energy cost per space
<b>Total Estimated Annual Energy Cost Saving Per Year</b>		<b>= \$3,759</b>

This energy saving example shows an application of 100 lamps in a space currently using a 120W halogen PAR38 and Yigeda 17W CREE PAR38, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.