

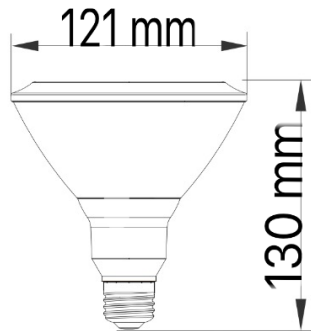
Product Description

- COB LED chip for better light beam
- UL and Energy Star qualified
- Replaces 120W halogen PAR bulbs
- 25,000hrs long lifetime, lasts 20 times longer than traditional halogen lights
- Dimmable to 10% on most dimmers and non dimmable version also available
- Limited 3 years warranty (please see our website for more details)
- Ideal use for track lighting, display lighting, art gallery and museum lighting, office lighting, etc., also suitable for damp locations



Optical Parameter

Product Dimension
Unit: mm



Product Details

Ordering Code	Input Voltage(VAC)	Shell Material	Wattage (W)	CCT	Beam Angle	Lumens (lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
P38C18D 25X	90-277V	Aluminum& PC	18W	2700-4000	25°	1100	25,000	83	0.9	120W	UL, ES

Energy Efficiency

	Estimated Lighting Costs Using a Standard 120W Halogen Lamp	Estimated Lighting Costs Using a Yigeda LED 18W PAR38
Present Wattage	120W	18W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 438,000Watts per year	= 65,700 Watts per year
÷ 1,000	= 438 kWh per year	= 65.7 kWh per year
× kWh rate (\$0.10)	= \$43.8per year	= \$6.57 per year
× 100 lamps per space	= \$4,380 annual energy cost per space	= \$657 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$3,723	

This energy saving example shows an application of 100 lamps in a space currently using a 120W Halogen Lamp and Yigeda LED 18W PAR38, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.