

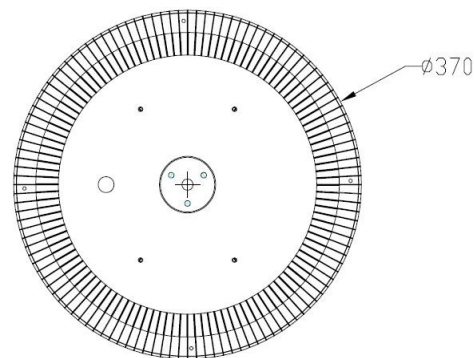
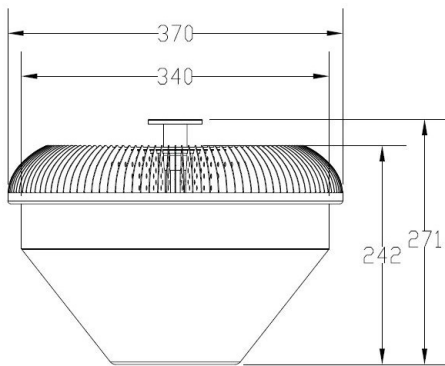
Product Description

- 10400lm light output with the wide range input voltage AC90-295V
- Replacing 320W halogen lamps
- Consumes 120W only and saves at least 70% energy
- More than 50,000hrs long lifetime, last 20 times longer than halogen lamp
- Extremely even light distribution with 140° lighting angle
- Limited 7 years warranty (find details on our website)
- cUL, CE listed, FCC, RoHS compliant
- Excellent dimmable to 20%
- Ideal used for indoor parking, warehouse, gas stations, waiting rooms, station platform etc.

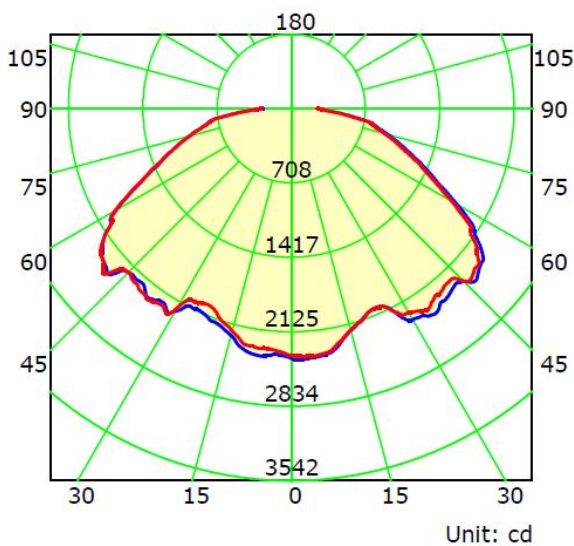


Optical Parameter

Product Dimension, Unit: mm

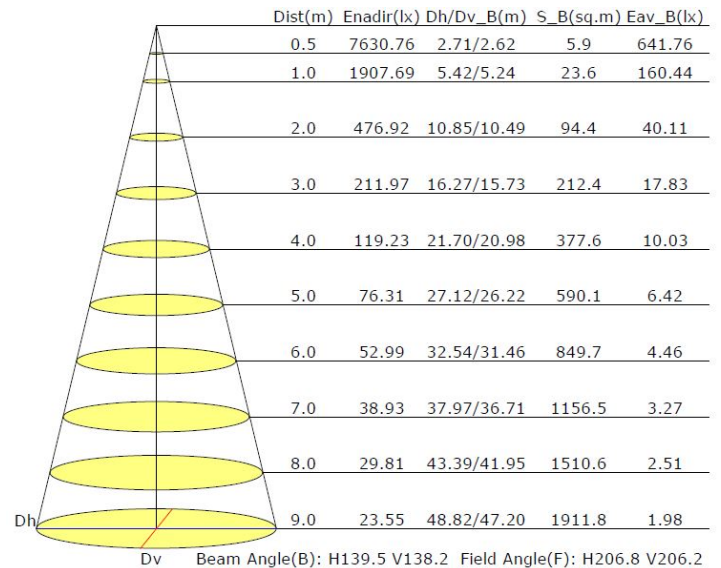


Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

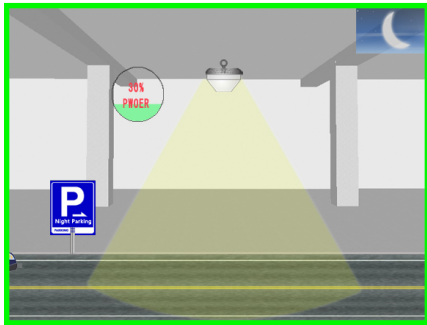
Illuminance at a Distance:



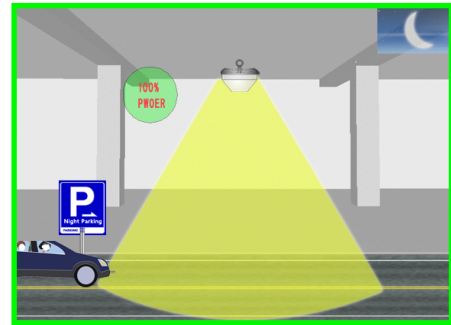
Product Details

Ordering Code	Input Voltage(VAC)	Shell Material	Wattage (W)	CCT	Beam Angle	Initial Lumens(lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
LB1227903	90-295	6063 Aluminum	120W	3000	90	10400	50,000	75	0.95	270W	UL,CE,RoHS
LB1227904	90-295	6063 Aluminum	120W	4000	90	11000	50,000	75	0.95	270W	UL,CE,RoHS
LB1227905	90-295	6063 Aluminum	120W	5000	90	13000	50,000	75	0.95	270W	UL,CE,RoHS
LB1227906	90-295	6063 Aluminum	120W	6500	90	15500	50,000	75	0.95	270W	UL,CE,RoHS

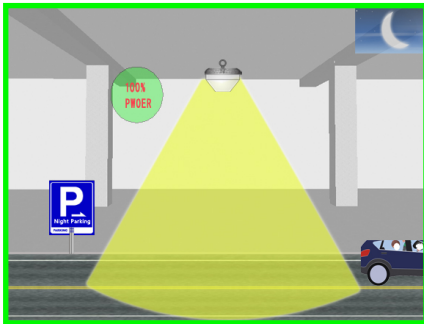
Dimmable Control Instructions



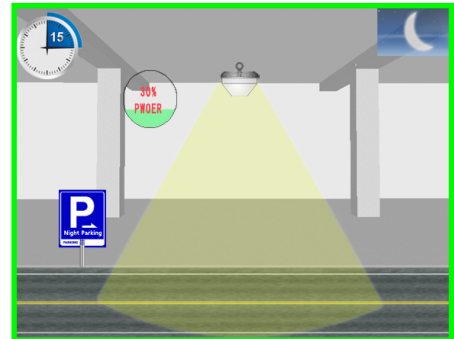
Model 1: Lights brightness keeps being 30% (adjustable) when there are no objects



Model 2: When objects enter the sensing area, all lights will turn on (100%)



Model 3: Whole brightness will continue for a while after objects leaving



Model 4: A period time after the objects left (adjustable), lighting brightness recover to 30%

Energy Efficiency

	Estimated Lighting Costs Using a Standard 320W Traditional Bulb	Estimated Lighting Costs Using a Yigeda LED 120W Low Bay
Present Wattage	320W	120W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 1,168,000 Watts per year	= 438,000 Watts per year
÷ 1,000	= 1168 kWh per year	= 438 kWh per year
× kWh rate (\$0.10)	= \$116.8 per year	= \$43.8 per year
× 100 lamps per space	= \$11,680 annual energy cost per space	= \$4,380 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$7,300	

This energy saving example shows an application of 100 lamps in a space currently using a 320W traditional bulb and Yigeda LED 120W Philips Low Bay, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.