

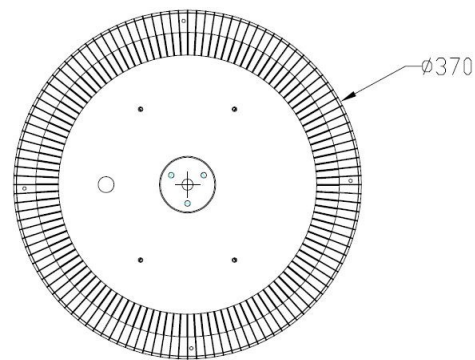
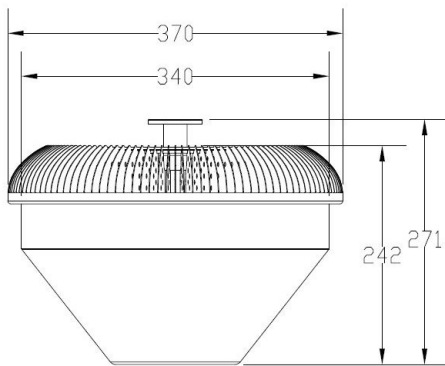
Product Description

- 7800lm light output with the wide range input voltage AC90-295V
- Replacing 270W halogen lamps
- Consumes 90W 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.

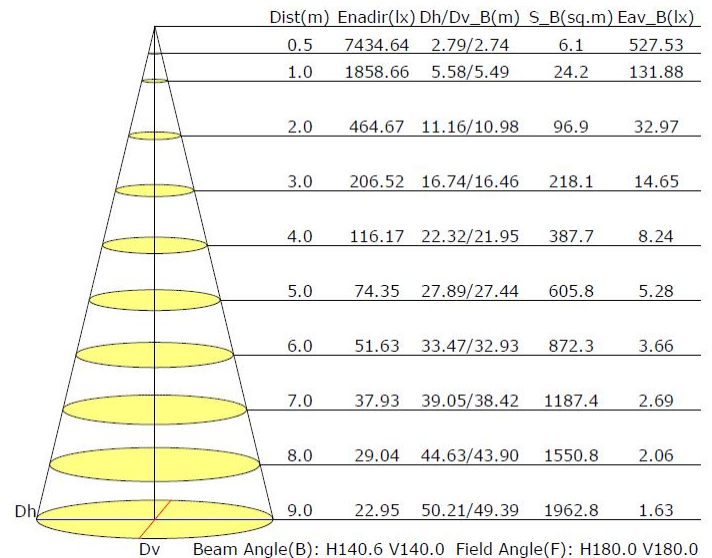
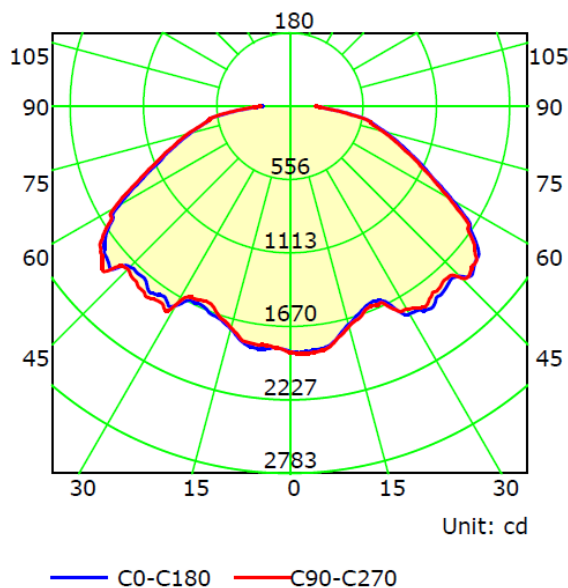


Optical Parameter

Product Dimension, Unit: mm



Luminous Intensity Distribution Curve

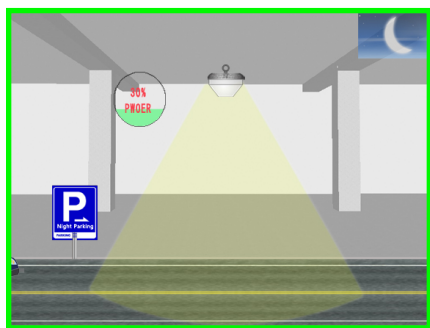


Product Details

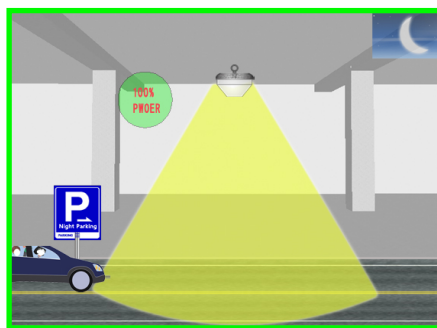
Ordering Code	Input Voltage(VAC)	Shell Material	Wattage (W)	CCT	Beam Angle	Initial Lumens(lm)	Rated Life(hrs.)	CRI	Power Factor	Equivalency	Certificate
LR09W34N1404	347V	6063 Aluminum	90W	3000	90	7800	50,000	75	0.95	270W	UL,CE,RoHS

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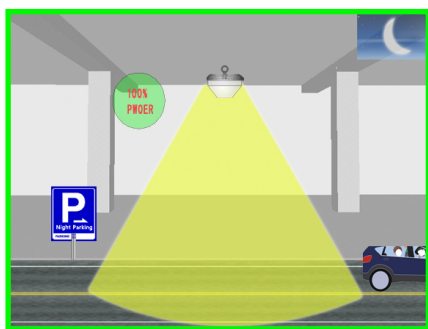
Dimmable Control Instructions



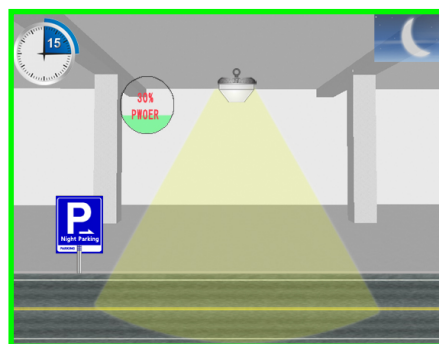
Model 1: Lights brightness keeps being 30% (adjustable) when there are no objects



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 270W Traditional Bulb	Estimated Lighting Costs Using a Yigeda LED 90W Low Bay
Present Wattage	270W	90W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 985,500 Watts per year	= 328,500 Watts per year
÷ 1,000	= 985.5 kWh per year	= 328.5 kWh per year
× kWh rate (\$0.10)	= \$98.55 per year	= \$32.85 per year
× 100 lamps per space	= \$9,855 annual energy cost per space	= \$3,285 annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$6,570	

This energy saving example shows an application of 100 lamps in a space currently using a 270W traditional bulb and Yigeda LED 90W Philips Low Bay, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.

Yigeda Lighting Ltd.

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