

Product Description

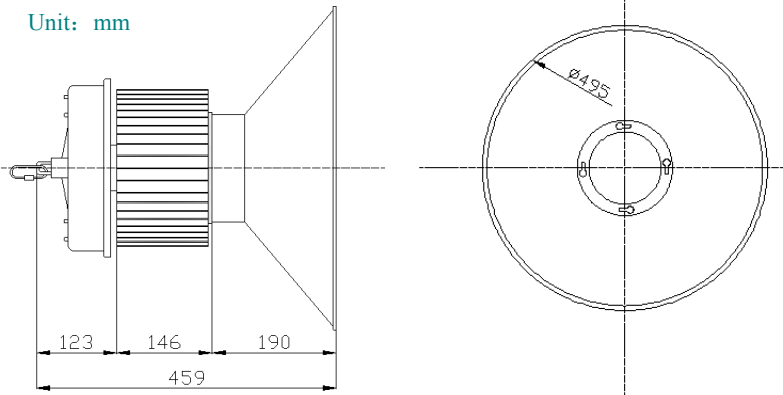
- CREE LED, high luminous efficiency
- Consumes 150W only and saves at least 50% energy
- More than 50,000hrs long lifetime, last 20 times longer
- Limited 10 years warranty (find details on our website)
- Excellent lampshade design; greatly improve the light utilization and evenness. Flexible lampshade choice: L1, L2, L3
- The hook card embedded installation, easy to install, safe and firm and hook choice from: H1, H2, H3
- cUL, CE listed, FCC, RoHS compliant
- Ideal use for warehouse, parking lot,



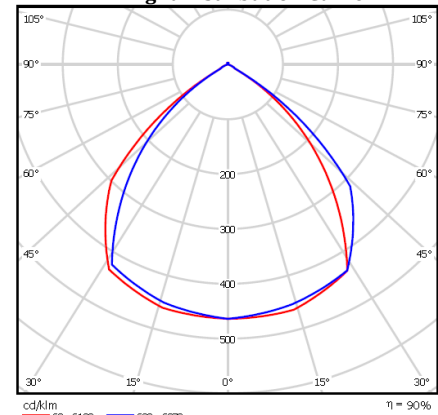
Optical Parameter

Unit: mm

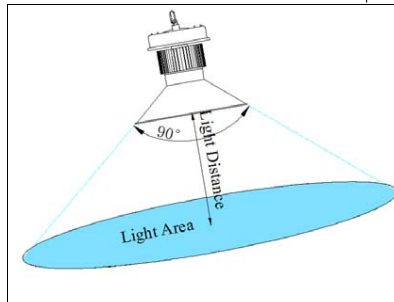
Product Dimension



Light Distribution Curve



Irradiation Area

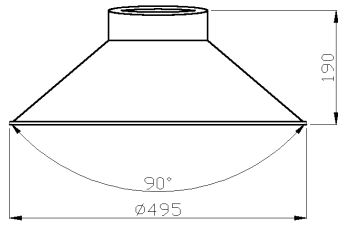


Distance	Area	Illumination
6M	Φ 12. 0M (113m ²)	404. 0LX
8M	Φ 16. 0M (200m ²)	235. 0LX
10M	Φ 20. 0M (314m ²)	154. 0LX
12M	Φ 24. 0M (452m ²)	105. 5LX
14M	Φ 28. 0M (615m ²)	74. 0LX

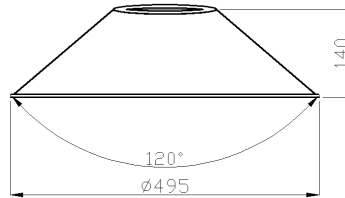
Product Details

Ordering Code	Input Voltage(VAC)	Lamp shade	Wattage (W)	CCT	Beam Angle	Initial Lumens(lm)	Rated Life(hrs.)	Equivalent	CRI	Power Factor	Certificate
150N10045	100-277	L1,L2,L3	150W	3500-6500	45	13100	50,000	400W	70	0.96	UL,CE,RoHS
150N10090	100-277	L1,L2,L3	150W	3500-6500	90	13100	50,000	400W	70	0.96	UL,CE,RoHS
150N100120	100-277	L1,L2,L3	150W	3500-6500	120	13100	50,000	400W	70	0.96	UL,CE,RoHS
150N48045	480	L1,L2,L3	150W	3500-6500	45	13100	50,000	400W	70	0.96	UL,CE,RoHS
150N48090	480	L1,L2,L3	150W	3500-6500	90	13100	50,000	400W	70	0.96	UL,CE,RoHS
150N480120	480	L1,L2,L3	150W	3500-6500	120	13100	50,000	400W	70	0.96	UL,CE,RoHS

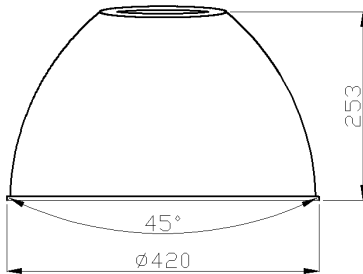
Optional Lampshade



Housing shade, L1



Housing shade, L2



Housing shade, L3

Energy Efficiency

	Estimated Lighting Costs Using a Standard 400W High Bay	Estimated Lighting Costs Using a Yigeda LED 150W High Bay
Present Wattage	400W	150W
x Annual Operating Hours	3650 hrs	3650 hrs
	= 1,460,000 Watts per year	= 547,500 Watts per year
÷ 1,000	= 1460 kWh per year	= 547.5 kWh per year
x kWh rate (\$0.10)	= \$146per year	= \$54.75per year
x 100 lamps per space	= \$14,600 annual energy cost per space	= \$5,475annual energy cost per space
Total Estimated Annual Energy Cost Saving Per Year	= \$9,125	

This energy saving example shows an application of 100 lamps in a space currently using a 400W traditional high bay and Yigeda LED 150W High bay, operating 3,650 hours per year (10 hours per day) at a cost of \$0.10 per kWh.