

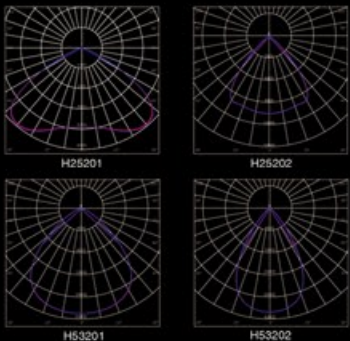


**SUNLED Energy**

## The Star Outperformer

- High performance LED Chips
- Luminous flux up to 26,000lm ( 200W )
- Efficacy up to 130lm/W
- Efficacy up to 160lm/W with Phillips Lumileds Optional
- Electrical: 100-240Vac/100-277Vac, 50/60Hz, PF≥0.93
- LED Lifespan > 54,000 hours ( Ta=30°C @ L70 )
- Energy saving up to 90%
- CCT: 5000K (4000K & 3000K available to special order)
- CRI > Ra80
- Beam angle: 50°, 60°, 90° and 120° optional.
- Superior uniformity
- Superior temperature stability
- Temperature tested at toughest conditions
- No external reflectors required
- PC cover: Safe for industrial applications
- Operating temp: -30~+50°C
- Body: Aluminum alloy
- Stainless steel screws
- IP65 protection rating
- 5 years warranty

## Photometric Diagrams



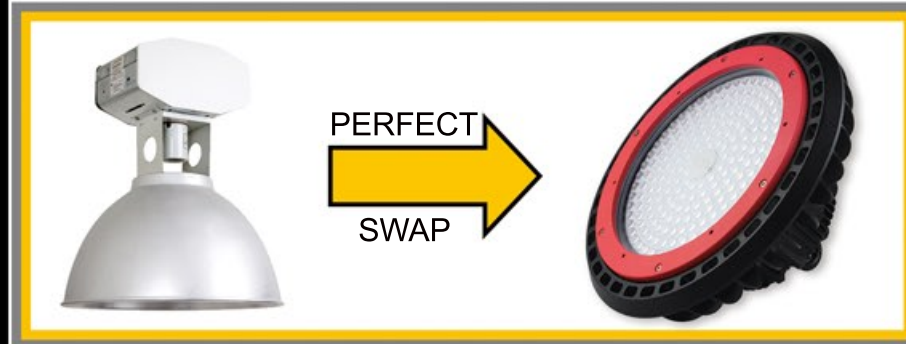
Certification CE CB SAA DLC ErP RoHS

## STRUCTURE DIAGRAM

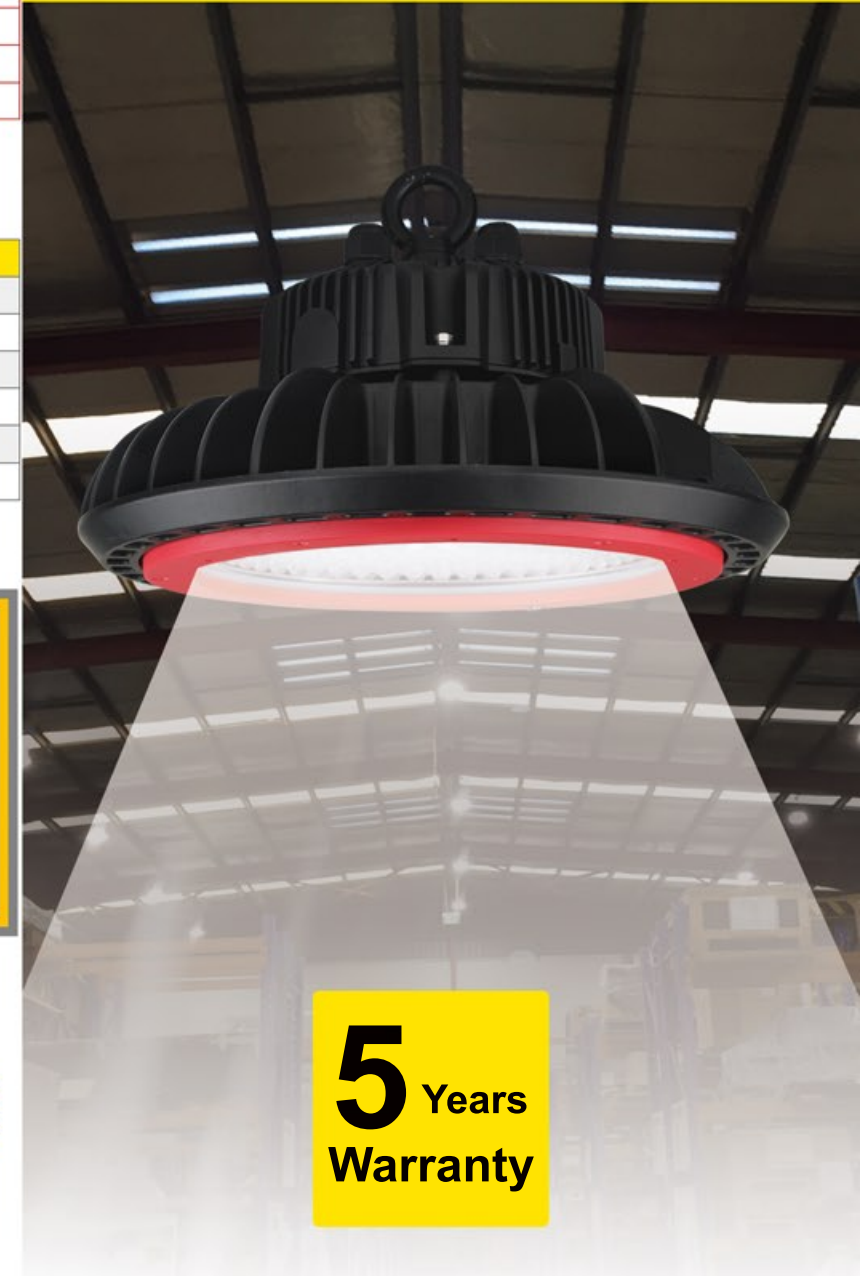
Wattage	100 Watts	120 Watts	150 Watts	200 Watts
Lumen Output (130lm/w)	13,000 lm	15,600 lm	19,500 lm	26,000 lm
Lumen Output (160lm/w)	16,000 lm	19,200 lm	24,000 lm	32,000 lm
Luminous Efficacy	130 lumens per watt (160 lm/w Optional)			
CCT	3000K, 4000K, 5000K			
CRI	>Ra80			
Beam Angle	50°, 90°, 120°		60°, 90°, 120°	
IP Rating	IP65			

## SAVING CALCULATIONS

10 Hours /Day	5 Days /Week	52 Week PA	Annual Saving
Number of Light	Mercury Vapour 400W	LED High Bay 120W	
1	\$218	\$65	\$153
10	\$2184	\$655	\$1529
20	\$4368	\$1310	\$3058
25	\$5460	\$1638	\$3822
30	\$6522	\$1965	\$4587



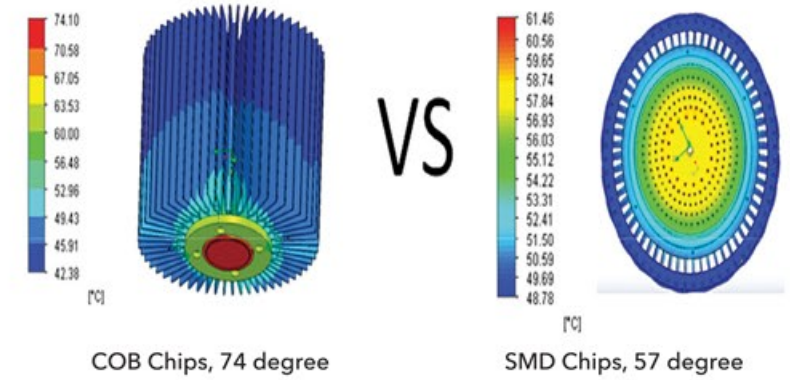
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# OUR RECENT CLIENTS



## Optimum Heat Sink Design



Other LED 150W

Size of the LED Chips

COB LED chips

SMD LED chips

## Lighting Spread

120 Degree Spread

Typical high power LED light distribution

90 Degree Spread