

SZG113 **super-bright** led high bay light



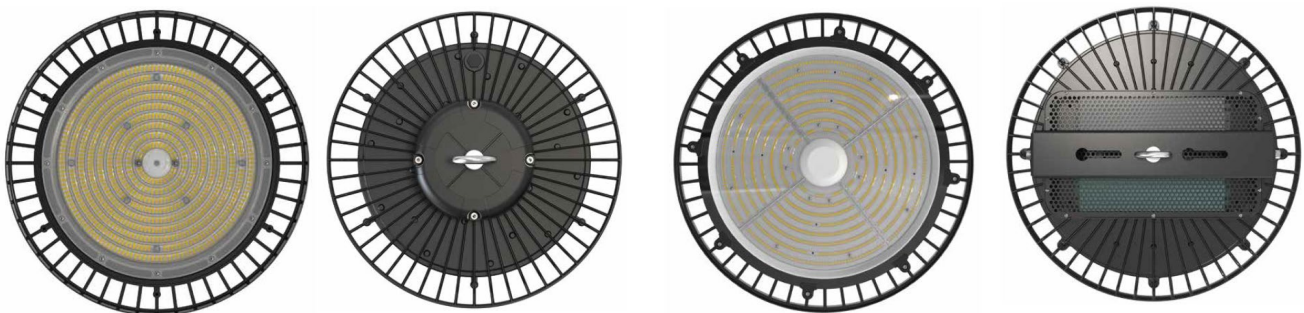
Applications:

- plant, workshop, warehouse, etc.
- coal shed, cargo shed, logistics center, etc.
- convention and exhibition centre
- exhibition hall
- reception hall
- terminal waiting hall
- indoor sports venues

Descriptions of performance:

luminous efficiency of led chip	light efficacy of luminaire	energy efficiency rating of luminaire	energy saving rate @conventional lamp	wide input voltage	power efficiency
220 lm/W	180 lm/W	Class 1 ($\geq 170\text{-}180\text{ lm/W}$)	45%	90-305 Vac	$\geq 95\%$
power factor	total harmonic distortion	surge lightning protection	beam angle	shell material	IP protection
≥ 0.95	$\leq 10\%$	6000 V	60° / 90° / 120°	ADC12 die-cast aluminum	IP66

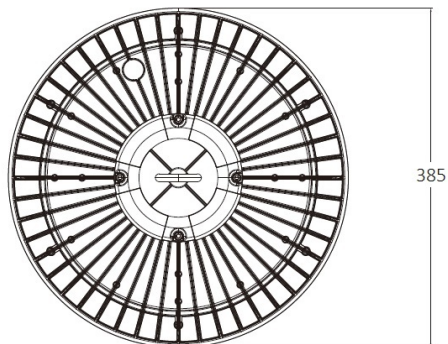
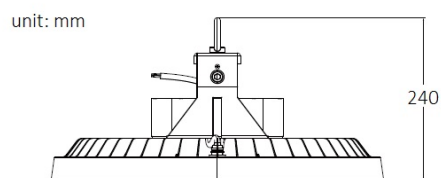
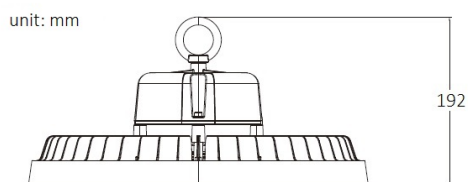
Product profile:



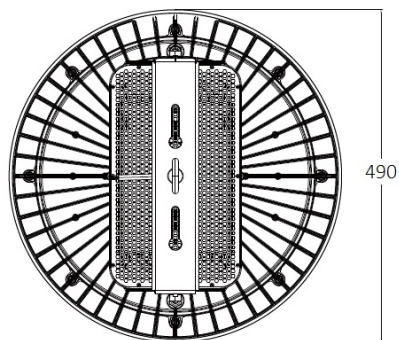
300W (Circular power supply/bar power supply)

500W (Circular power supply/bar power supply)

Product sizes:

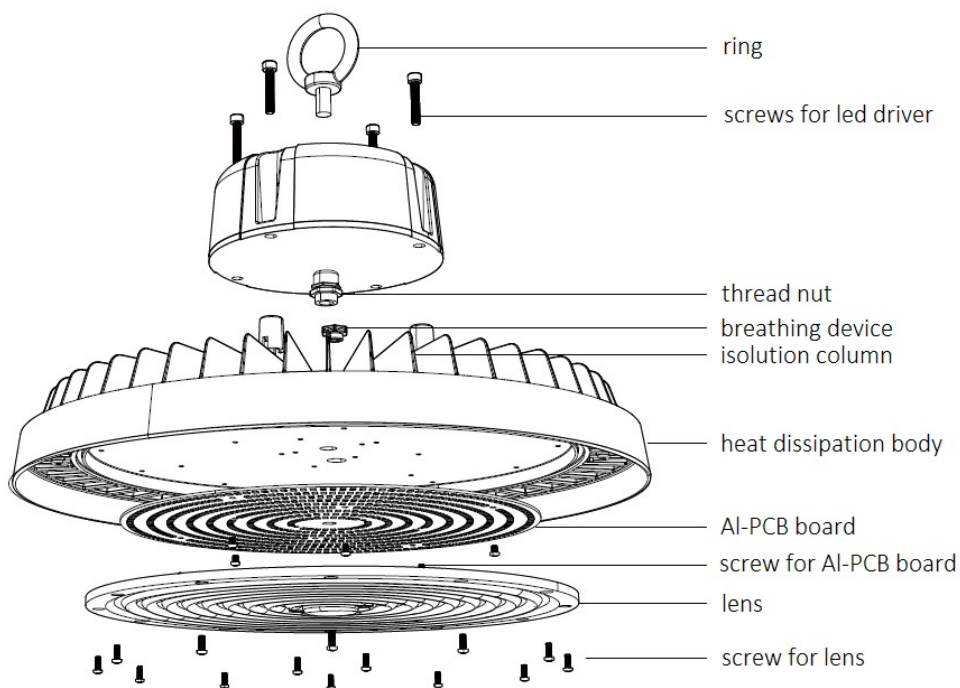


size of 300W



size of 500W

Picture of explode product:



Technical parameters:

Parameter items	300W	500W
Input voltage (V)	90-305Vac	90-305Vac
Power efficiency	95%	95%
Power factor	≥0.95	≥0.95
Surge lightning protection (V)	6000	6000
Total harmonic distortion	≤10%	≤10%
Luminous efficiency for led (lm/W)	220	220
Light efficacy for luminaire (lm/W)	180	180
Energy efficiency rating of lamp	Class 1	Class 1
Luminous flux of lamp (lm)	54000±5%	90000±5%
Correlated color temperature (K)	3000/4000/5000/6000	3000/4000/5000/6000
Color rendering index (Ra)	≥75	≥75
Beam angle (°)	60° / 90° / 120°	60° / 90° / 120°
Lifespan of led chip (h)	≥100,000	≥100,000
Working temperature (°C)	-35°C - +50°C	-35°C - +50°C
IP protection	IP66	IP66
IK protection	IK08	IK08
Installation mode of led driver	external	external
Dimensions (mm)	φ385*192	φ490*240
Weight (Kg)	4.0	5.5
Mounting mode	Ring/U-bracket	Ring/U-bracket
Warranty	5 year	5 year

Note: 1. According to GB 30255-2026: the luminous efficacy of Class 1 energy-efficient luminaire is 170-180 lm/W; for Class 2, it is 145-155 lm/W; and for Class 3, it is 100-110 lm/W.

2. Energy saving rate is compared with the conventional luminaire of class 3 energy efficiency rating.

