

# SZG101 high power led high bay light



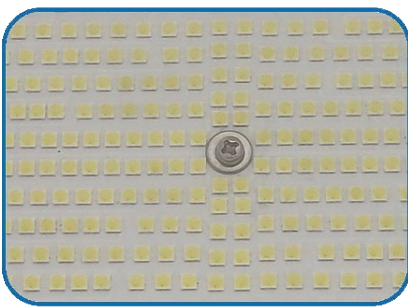
## Applications:

- large production plant
- large manufacturing workshops
- major maintenance workshops
- large warehouse, logistics center
- high pole lamp
- large gantry crane, shore crane, tower crane, etc.
- large construction machinery

## Descriptions of performance:

brand of led chip	luminous efficacy of led chip	luminous efficacy of luminaire	brand of led driver	wide input voltage	power efficiency
PHILIPS	200lm/W	130lm/W	Inventronics led driver	90~305 Vac	≥91%
power factor	total harmonic distortion	surge lightning protection	beam angle	heat dissipation mode	IP protection
≥0.95	≤10%	6000 KV	90°/60°/25°	aluminum fins	IP65

## Product details:



High brightness Philips led chip  
(200 lm/W)



Breathing device for  
hot air discharge



High reflectivity faceted  
in vivo reflector

## Technical parameters:

Parameter items	200W	300W	400W	500W
Input voltage (V)	90-305Vac	90-305Vac	90-305Vac	90-305Vac
Led driver	Inventronics led driver	Inventronics led driver	Inventronics led driver	Inventronics led driver
Power efficiency	91%	91%	91%	91%
Power factor	0.98	0.98	0.98	0.98
Surge lightning protection (V)	6000	6000	6000	6000
Total harmonic distortion	≤10%	≤10%	≤10%	≤10%
Luminous efficiency for led (lm/W)	200	200	200	200
Total luminous flux (lm)	40000±5%	60000±5%	80000±5%	100000±5%
Light efficiency for luminaire (lm/W)	130	130	130	130
Correlated color temperature (K)	3000-6500	3000-6500	3000-6500	3000-6500
Color rendering index (Ra)	≥75	≥75	≥75	≥75
Beam angle (°)	90° /60° /25°	90° /60° /25°	60°	60°
LED lifespan (h)	100,000	100,000	100,000	100,000
Reflector material	high purity aluminum	high purity aluminum	high purity aluminum	high purity aluminum
Transparent material	tempered glass	tempered glass	tempered glass	tempered glass
Working temperature (°C)	-40~+50°C	-40~+50°C	-40~+50°C	-40~+50°C
IP protection	IP65	IP65	IP65	IP65
IK protection	IK08	IK08	IK08	IK08
Installation mode of led driver	external (one)	external (one)	external (two)	external (two)
Dimensions (mm)	260*230*350	260*230*400	260*350*450	320*350*500
Weight (Kg)	7.5	8.5	9.5	11.5
Mounting mode	U-bracket	U-bracket	U-bracket	U-bracket

