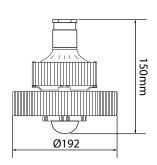


100W **LED Low Bay**







Feature

- Citizen COB adopted, delivering 140 to 160 lumen per watt, converting more power to light.
- Patented passive cooling solution to manage surface temperature rising of luminaire at 30°C, junction temperature of led chip controlled at 100°C.
- · Optical glass led lens with a light transmission more than 99%, offering the least light output loss, special rectangle shape designed to have a symmetric beam patter.
- 50000 hours lifespan putting the luminaire replacement circle to 20 years.
- IP66 (Excluded E27 and E40) water and dust proof, and aluminium alloy fixture with corrosion resistant.
- Power factor at 0.9-0.99.
- Easiest installation and maintenance, each part is replaceable.
- 3 years warranty.
- · CE, FCC, RoHS and TISI marked.

Specifications

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General	Inform	ations

Product Name NEX Saturn LB-100 **Rated Power** 100W

LED Chip Citizen COB **LED Efficacy** ≥140 lm/W Luminous Efficiency ≥126 lm/W **Luminous Flux** ≥12600 Lumen

Color Temp. Naturial white (4500K±400) (2700K-6500K Optional)

CRI (Ra) ≥80

Beam Angle 45D,65D,85D,120D Lens Material Optical glass

Lens Light Transmission 99% IP Protection IP54 Replacement 250W HID

Dimensions Ø192x185 mm(E40)/

Ø192x150 mm(Hook)

Lamp Base Hook 2.52 Kg. Weight **Housing Material** Aluminum alloy **Housing Color** Black color

Operating Temp. -40°C to 45°C 10% to 90% Operating Humi. Lifespan 50000 Hrs. 3 Years* Warranty

Electrical Informations

AC170-250V Input Voltage Frequency 50/60Hz **Output Current** 0.46A **Power Factor** ≥0.99 **Power Efficiency** ≥90% Total Harmonic (THDi) ≤10% **Surge Protection** 2kA

Certificates & Test reports

Certificates CE,RoHS,FCC,TISI **Test Reports** LM80/TM21

Remark: The information contained in this document is subject to change without notice.



