



Features

- High Grade Chipset, 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°, junction temperature of led chip controlled at 100°.
- Optical glass led lens with a light transmission more than 95%, offering the least light output loss, special rectangle shape designed to have a symmetric beam patter.
- 50000 hours life span putting the luminaire replacement circle to 20 years.
- IP66 (Excluded E27&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.

Specifications

General Informations		Operating Humi.	
Product Name	NEX Saturn	Lifespan	10% to 90%
Rated Power	100W	Warranty	50000 Hrs.
LED Quantity	1 Pcs.		3 Years*
LED Efficacy	≥140 lm/W	Electrical Informations	
Luminous Efficiency	≥105 lm/W	Driver	Included driver
Luminous Flux	≥10500 Lumen	Input Voltage	AC180-260V
Color Temp.	Natural white (4500K±400) (2700K-6500K Optional)	Frequency	50/60Hz
CRI (Ra)	≥80	Input Current	0.46A
Beam Angle	85D	Power Factor	≥0.95
Lens Material	Optical glass	Power Efficiency	≥90%
Lens Light Transmission	95%	Total Harmonic (THDi)	≤10%
IP Protection	IP66	Surge Protection	3kA
Dimensions	Ø192xD150 mm	Dimmable	No
Weight	2.4±0.2 Kg.	Certificates & Test reports	
Installation Type	Hook	Certificates	CE, RoHS, TISI
Replacement	250W HID	Test Reports	LM80/TM21
Housing Material	Extrusion aluminum 6063		
Housing Color	Black		
Operating Temp.	-40°C to 45°C		

Remark: The information contained in this document is subject to change without notice.
* 18Hrs/Day

