



Features

- Fin shape heat sink with surface area for cooling up to 5000mm² per watt, to make sure no overheat of LED, Junction temperature controlled around 100°C (Junction temperature capacity up to 140°C)
- High performance and durable power supply: Main components are imported. Efficiency factor up to 0.9, power factor at ≥ 0.95 , multiple protections: Short circuit / Over load/ Over voltage/ Over temp.
- Detachable: LED part and power supply part is Separable and Replaceable. This design lessens maintenance cost and simplifies replacement if there is any failure
- Optical glass lens with special design to have less light output loss (light transmission $\geq 93\%$) and symmetric beam pattern

Specifications

General Informations		Operating Humi.	
Product Name	NEX Saturn	Life Span	10% to 90%
Rated Power	17W	Warranty	50000 Hrs.
Luminous Efficiency	≥ 90 lm/W		3 Years*
Luminous Flux	≥ 1500 Lumen	Electrical Informations	
Color Temp.	Cool white (6500K \pm 500) (2700K-6500K Optional)	Driver	Included
CRI (Ra)	≥ 80	Input Voltage	AC170-250V
Beam Angle	45D,65D,85D,120D	Frequency	50/60Hz
Lens Material	Optical glass	Output Current	0.077A
Lens Light Transmission	$>93\%$	Power Factor	≥ 0.95
IP Protection	IP54 (IP65 Optional)	Power Efficiency	$\geq 85\%$
Replacement	50W HID	Total Harmonic(THDi)	$\leq 10\%$
Lamp Base	E27,E40	Certificates & Test reports	
Dimensions	$\varnothing 70 \times 160$ mm	Certificates	CE,RoHS,TISI
Weight	430 \pm 20g.	Test Reports	LM80/TM21
Housing Material	Aluminum alloy		
Housing Color	Aluminum color		
Operating Temp.	-40°C to 45°C		

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

