



Feature

- Citizen COB or Bridgelux Arrays 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 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, 5years optional.
- CE, FCC, RoHS and TISI marked.

Specifications

General Informations		Operating Humi.	
Product Name	NEX Enova FL-100	Lifespan	10% to 90%
Rated Power	100W	Warranty	50000 Hrs.
LED Chip	Citizen		3 Years*
LED Quantity	2 Pcs.	Electrical Informations	
LED Efficacy	≥140 lm/W	Input Voltage	AC100-277V
Luminous Efficiency	≥120 lm/W	Frequency	50/60Hz
Luminous Flux	≥12000 Lumen	Output Current	0.46A
Color Temp.	Natural white (4000K±400) (2700K-6500K Optional)	Power Factor	≥0.99
CRI (Ra)	≥80	Power Efficiency	≥86%
Beam Angle	60Dx120D	Total Harmonic (THDi)	≤10%
Lens Material	Optical glass	Surge Protection	2kA
Lens Light Transmission	99%	Certificates & Test reports	
IP Protection	IP65 (IP66 Optional)	Certificates	CE, RoHS, FCC, TISI
Replacement	250W HID	Test Reports	LM80/TM21
Dimensions	L221xW411xD104 mm		
Weight	4.2 Kg.		
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



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