



Features

- High quality Citizen COB LED chip therefore provides to high brightness and beautiful
- 50,000 hours lifespan putting the luminaire replacement circle to 20 years.
- IP65 water and dust proof, and aluminum alloy fixture with corrosion resistant.
- 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 95%, offering the least light output loss, special rectangle shape designed to have a symmetric beam patter.
- Easiest installation and maintenance, each part is replaceable.

Specifications

General Informations

Product name	NEX Enova HB-100
Rated power	100W
LED chip	Citizen COB
LED quantity	2 Pcs.
LED efficacy	≥140 Lm/W
Luminous efficiency	≥100 Lm/W
Luminous flux	≥10,000 Lumen
Color temp.	Warm white (3,000K+300) Natural white (4,000K+400) Cool white (6,500K+500)
CRI (Ra)	≥80
Beam angle	45/ 65/ 85/ 120 Degree
Lens material	Optical glass
Lens light transmission	95%
IP protection	IP65
Replacement	250W HID
Dimensions	L411 x W240 x D104 mm
Weight	4.49 Kg.
Housing material	Aluminum Alloy
Housing color	Aluminum color

Operating temp.	-40°C to 45°C
Operating humi.	10% to 90%
Lifespan	50,000 Hrs.
Warranty	3 Years*

Electrical Informations

Input Voltage	AC 100-277V
Frequency	50/60Hz
Output Current	0.46A
Power Factor	≥0.95
Power Efficiency	≥85%
Total Harmonic (THD)	≤10%
Surge protection	2kA

Certificates & Test reports

Certificates	CE, RoHS, TISI
Test Reports	LM80/ TM21

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



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