



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

General Informations	
Product Name	NEX Saturn LB-35
Rated Power	35W
LED Chip	Citizen COB
LED Efficacy	≥140 lm/W
Luminous Efficiency	≥120 lm/W
Luminous Flux	≥4220 Lumen
Color Temp.	Natural 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	100W HID
Dimensions	Ø135x135 mm
Lamp Base	E40
Weight	8.3 Kg.
Housing Material	Aluminum alloy
Housing Color	Black color
Operating Temp.	-40°C to 45°C

Operating Humi.	10% to 90%
Lifespan	50000 Hrs.
Warranty	3 Years*

Electrical Informations

Input Voltage	AC170-250V
Frequency	50/60Hz
Output Current	0.16A
Power Factor	≥0.99
Power Efficiency	≥86%
Total Harmonic (THDi)	≤10%
Surge Protection	2kA

Certificates & Test reports

Certificates	CE, RoHS, FCC
Test Reports	LM80/TM21

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



NEX Office & Showroom

Sookkamol Ratchada Building 2Floor,
410/17-23 Ratchadaphisek Rd., Samsennok,
Huay Kwang, Bangkok 10310, THAILAND

Tel. +662 204 7565
Fax. +662 938 3672
Email: info@nexledtech.com

www.nexledtech.com
www.nexinnotech.com