

Shoebox Light

AVAILABLE FROM
NEPEAN ELECTRONICS



NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice.

The shoebox LED area/site luminaire delivers exceptional performance in a scalable, low-profile design. The precision engineered optics provide uniform illumination to walkways, parking lots, roadways, building areas and security lighting applications.

Backed by a five year limited warranty, the shoebox LED area site luminaire is the LED answer to your area and site lighting needs.

Ordering Information

Part Numbers	Description
LT-OK-100W000	Die Cast Al(Black)Shoebox Area Light, 100W,120-277VAC, 40mm. IP 65
LT-OK-100W001	Die Cast Al(Black)Shoebox Area Light, 100W,120-277VAC, 40mm. IP 65, with photocell
LT-OK-100W100	Die Cast Al(Black)Shoebox Area Light, 100W,120-277VAC, 40mm. IP 65, with emergency battery
LT-OK-300W000	Die Cast Al(Black)Shoebox Area Light, 300W,120-277VAC, 40mm. IP 65
LT-OK-300W001	Die Cast Al(Black)Shoebox Area Light, 300W,120-277VAC, 40mm. IP 65, with photocell
LT-OK-300W100	Die Cast Al(Black)Shoebox Area Light, 300W,120-277VAC, 40mm. IP 65, with emergency battery

Technical Specifications

	100W	300W
Part Numbers	LT-OK-100W000	LT-OK-300W000
Type	Constant Current	
Voltage	AC120-277V AC347-480V	
Input Watts	100W	300W
Efficiency	96%	
Watts	100W	300W
Colour Temp	3000K-5700K	
Colour Accuracy	>70	
L70 Lifespan	100000	
Lumens	14673	41252
Efficacy	151 LPW	138 LPW
Material	Die Cast Aluminium (Black)	
Diameter of Mounting	40mm	
Rating	IP65 - 5 year warranty	

Numbering System

LT-OK-__W000

▶ 0 = No photo cell
▶ 1 = With photo cell

▶ 0 = No motion sensor
▶ 1 = With motion sensor

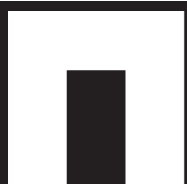
▶ 0 = No emergency battery
▶ 1 = With emergency battery

▶ Wattage
▶ 100W
▶ 300W

Shoebox Light

Technical Specifications

Listings	
cETL Listing	Suitable for wet locations
DLC Listed	This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities
IESNA LM-79 & IESNA LM-80 Testing	LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80
Electrical	
Driver	Constant Current, Class I, 277V, 50/60 Hz, 277V:0.26A
THD	10%
Power Factor	92.3% at 277V
Dimming Driver	Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%
Surge Protection	6KV
LED Characteristics	
Lifespan	1000,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations
LED's	Long-life, high-efficiency surface mounting LED's (cree3030)
Colour Stability	LED colour temperature is warranted to shift no more than 200K in CCT over a 5 year period
Construction	
IES Classification	Can choose type II, type III, type IV, type V. The type III distribution is meant for lighting large areas located by the roadside. Typically found on wide walkways, ramps, entrance roadways and bike paths.
Effective Projected Area	EPA = 0.8
Vibration Rating	Industry-leading 3G vibration rating per ANSI C136.31
Cold Weather Starting	Minimum starting temperature is -40°C (-40°F)
Ambient Temperature	Suitable for use in 40°C (104°F) ambient temperatures
Housing	Precision die-cast aluminium housing
Mounting	Mounts to all square and round poles if optional Universal Pole Adaptor is used
Lens	Clear polycarbonate lens with integrated optics
IP Rating	Ingress Protection rating of IP65 for dust and water
Gaskets	High temperature silicone gaskets
Finish	Formulated for high durability and long lasting colour
Green Technology	Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals
Light Induction (optional)	Extra photocell sensor available. Motion sensor Extra emergency battery available
Other	
5yr Limited Warranty	Fixture operation and paint finish are covered for a period of 5 years
Replacement	Replaces up to 750W Metal Halide



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