

Product Specification of LED Emergency Light

Model No. : EXL-600L series

Product Photo



Product Feature

Housing

- Injection-molded thermoplastic ABS housing.
- Plastic enclosure with 5VA flame retardant.
- Quick connector design for easy installation.
- Two fully adjustable glare-free square shape light heads for emergency light.

Electrical

- 120/277VAC Dual voltage operation.
- Test switch and charge rate indicator.
- 3.6V long-life, maintenance-free, rechargeable Ni-Cad battery.
- 24hours or 48hours recharge after 90 minutes discharge.

Illumination

- SMD high power LED, CCT 6000K, L70 35,000 hours.
- 1 watts high power LED per head for standard model, fixture provide 150lm on initial discharge.
- 2 watts high power LED per head for high lumen model, fixture provide 250lm on initial discharge.

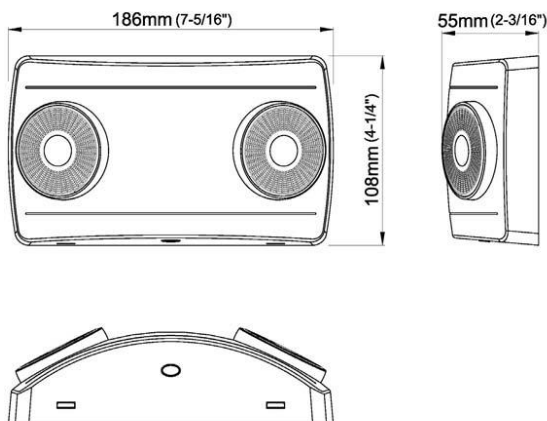
Mounting

- Suitable for wall mounting, ceiling mounting.
- Top and side knockout for conduit applications.

Listing

- lifetime of battery has 500 recycle times.
- Suitable for use in 10°C-40°C ambient temperature, suitable for damp location.
- UL listed according standard UL924.
- Meets or exceed all requirement in NFPA 70, NFPA 101 life safety code.

Product Dimension



Order Guide

Family	Test Facility	Lumen Output	Housing Color	Input Voltage
EXL-600L	Manual test	Blank: Standard model -HO: High lumen output model	White	120/277V

Model List and Parameters

No.	Model	Test Facility	Battery	Recharge Time	Emergency Time	Input			Output	
						Voltage	Hz	Power Consumption (maintenance mode)	Lamp Head	Luminous Flux
1	EXL-600L	Manual test	Ni-cad 3.6V 900mAh	24 hours	90 minutes	120/277V	60Hz	0.6/0.78W	1W*2pcs	150lm
2	EXL-600L-HO	Manual test	Ni-cad 3.6V 900mAh*2pcs	48 hours	90 minutes	120/277V	60Hz	0.38/0.48W	2W*2pcs	250lm

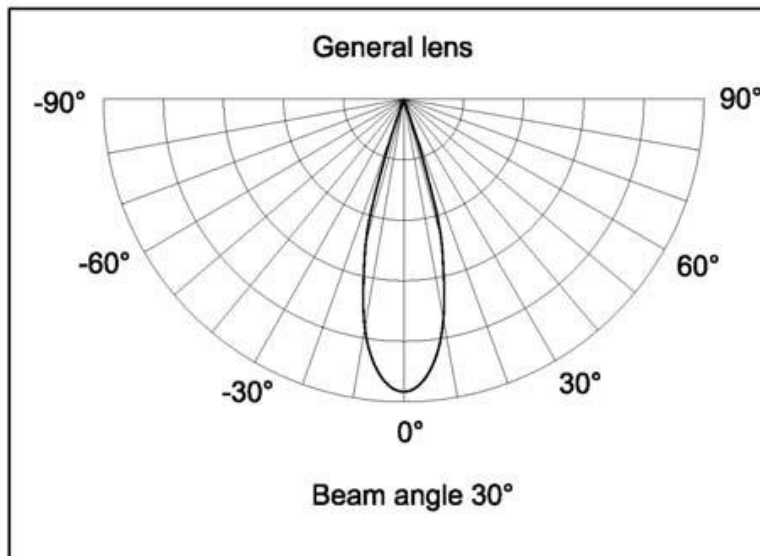


LITE
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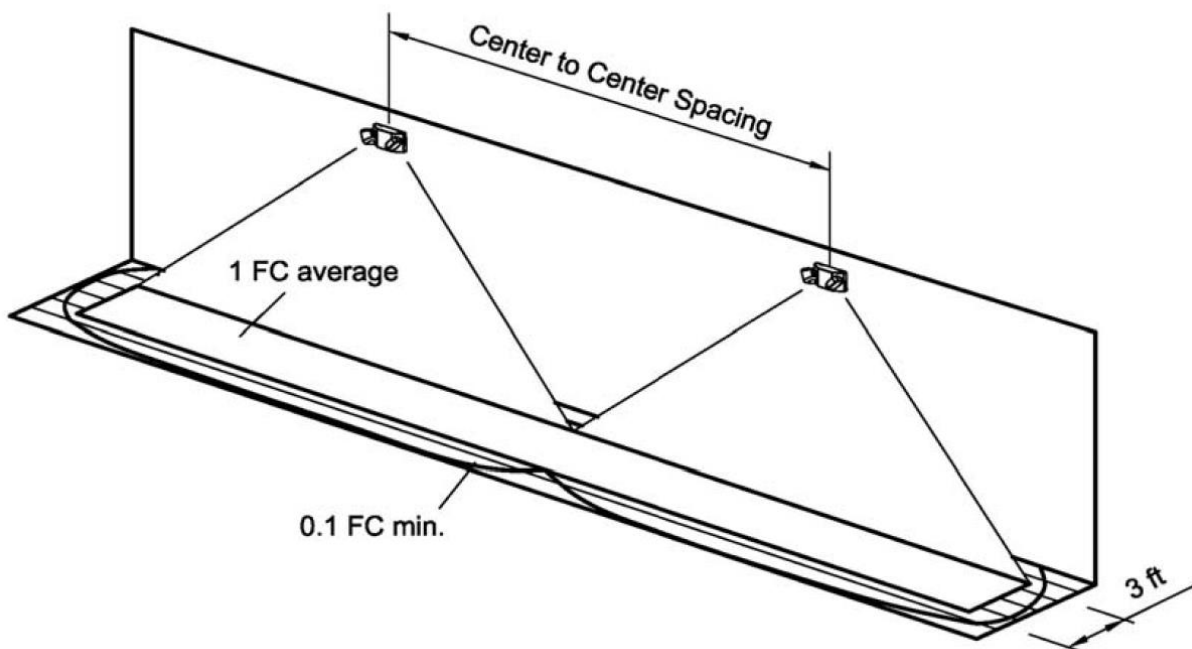
Photometric

Luminous intensity distribution



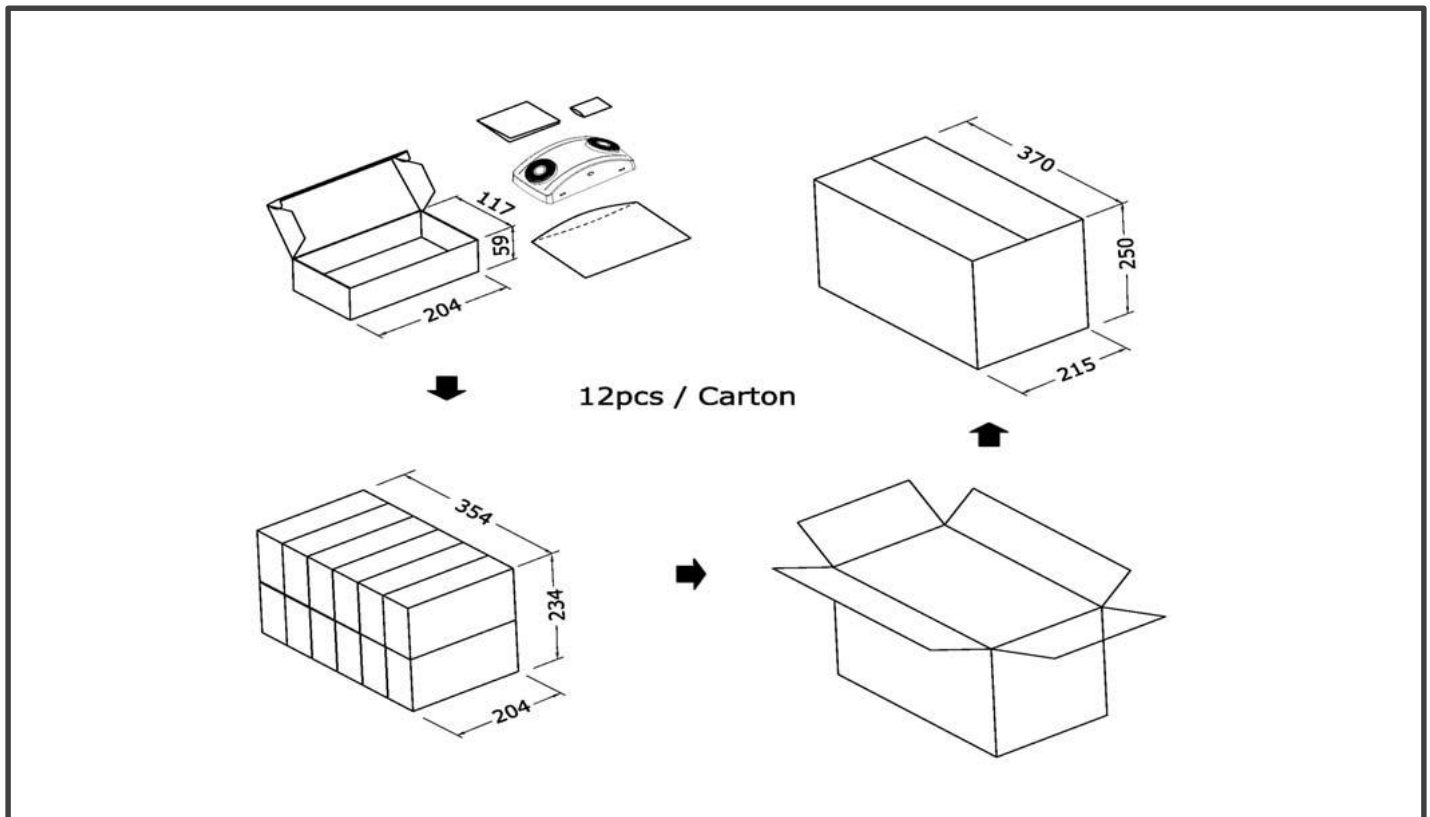
Center to Center Spacing

NFPA 101 requires 1.0 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 9 feet ceiling with a 6 feet wide walkway and 3 feet path of egress. The reflectance are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet.



No.	Model	Center to Center Spacing	Lumen output
1	EXL-600L	16 feet	150lm
2	EXL-600L-HO	24 feet	250lm

Packaging



No.	Model	Packing Qty	N.W/G.W	Size(L*W*H)
1	EXL-600L	12pcs	5.1kg / 5.6kg	370(L)*215(W)*250(H)mm
2	EXL-600L-HO	12pcs	5.9kg / 6.4kg	370(L)*215(W)*250(H)mm