LITE ™
Electronics

Product Specification of LED Emergency Light

Model No. : EXL-900L

August 24, 2018

LITE Electronics ™

Product Photo

Product Dimension

314mm
160mm
263mm
60mm
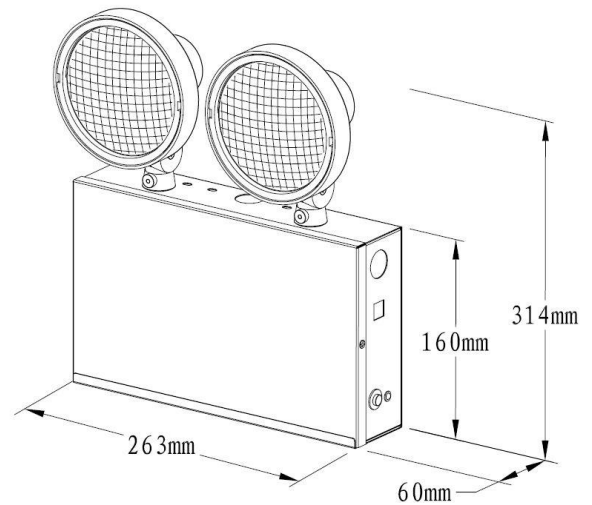
Technical Specification

Normal Supply	120-277VAC 50/60Hz
Power consumption	Max. 5W
Charge time	24 hours
Discharge duration	1.5 hour
Battery	Ni-MH battery, 9.6V 2000mAh
Test facility	Manual test
Mounting	Wall mounting
LED	SMD 2835 LED, CCT 5700K, CRI>70
Normal flux	850lm
Beam angle	68 degree
Housing material	Metal chassis with powder finish
Lamp material	Plastic and glass
Protection	Suit for damp location
Luminaire classification	Class I
Ambient temperature	10℃…+40℃

Order Guide

Family	Test Facility	Housing Color
EXL-900L	Manual test	White

Model List and Parameters

Model	Input Voltage	Charge Duration	Discharge Duration	Battery	Power Consumption	Test facility	LED	Lumen output
EXL-900L	120-277VAC 50/60Hz	24h	90 minutes	Ni-MH, 9.6V 2Ah	5W	Manual test	SMD 2835 LED 42pcs*2	850 lm

Photometric

Luminous intensity distribution

UNIT:cd
C0/180, 68.2deg
C30/210, 68.0deg
C60/240, 68.4deg
C90/270, 68.1deg

AVERAGE BEAM ANGLE(50%):68.2 DEG
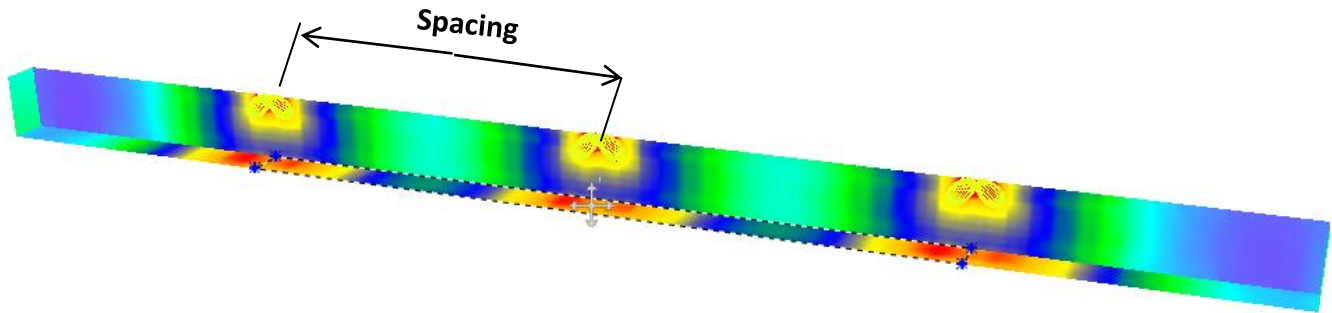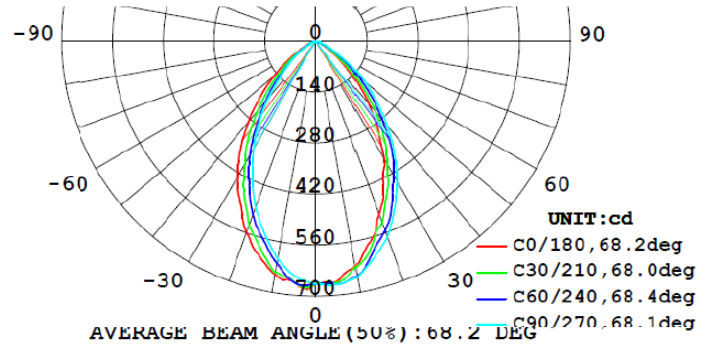
Spacing

Mounting Height	Spacing distance
7.5ft	70ft
10ft	60ft

NFPA 101 requires 1.0 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio.
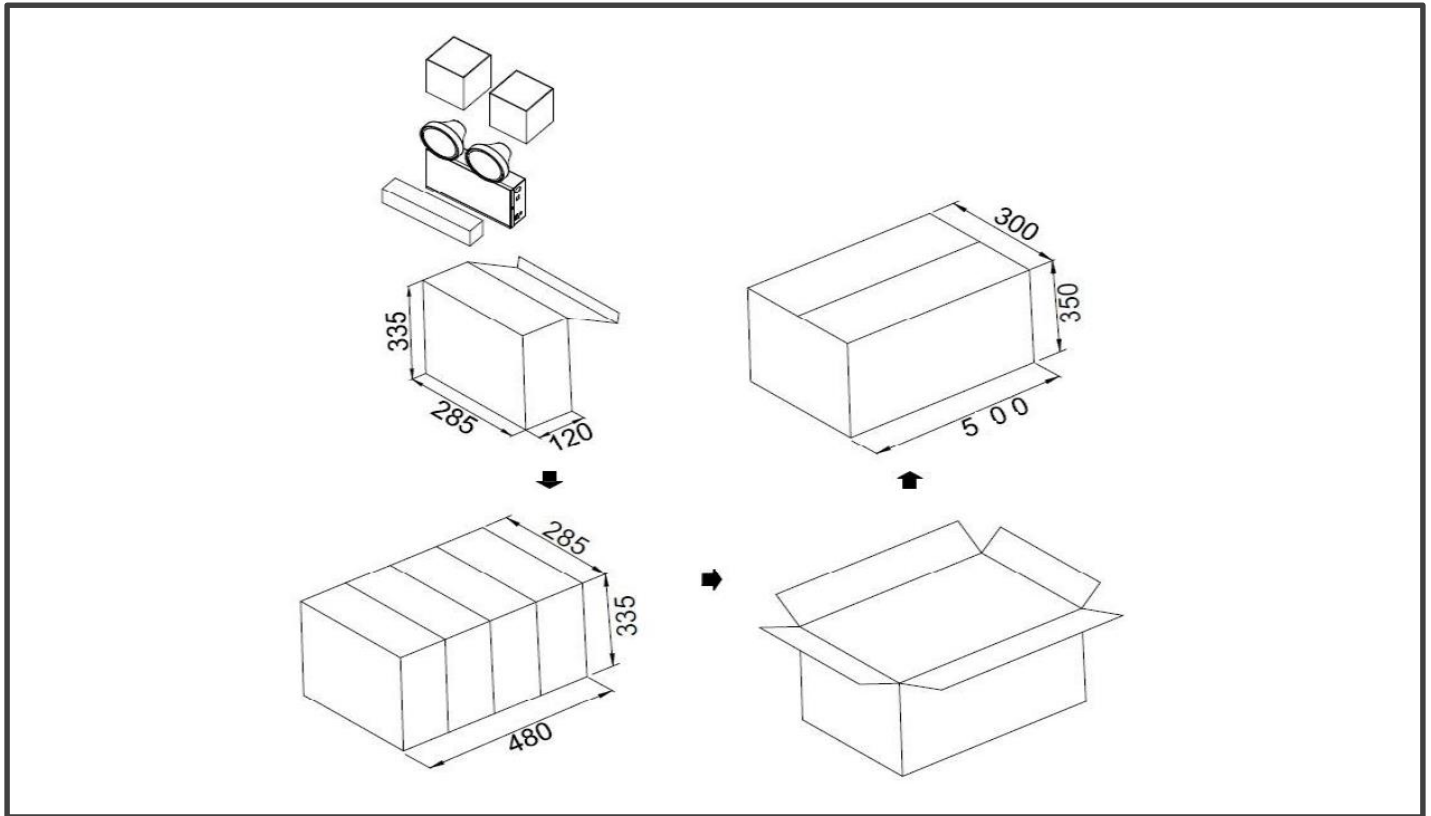
Below is mounting height 10ft data
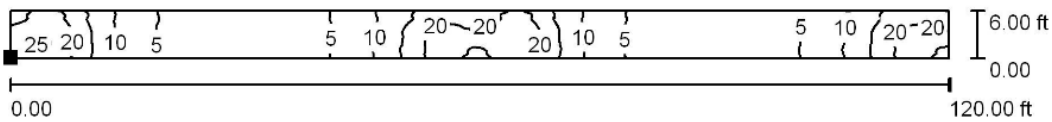
Position of surface in room:
Marked point: (-60.000 ft, 0.000 ft, 0.000 ft)

Values in Lu

Grid: 128 x 32 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0
11	2.48	26	0.235

Packaging

No.	Model	Packing Qty	N.W/G.W	Size(L*W*H)
1	EXL-900L	4pcs	7.7kg / 10.0kg	500(L)*300(W)*350(H)mm