TYPE: _____

CATALOG #: _____

_____

NOTES: _____

Lux-Ray™ LED Series
Die-Cast Aluminum LED Emergency Lighting

Features

- Die-Cast aluminum housing, available in four finishes: dark bronze, off-white, black, and platinum gray
- Nema-3R rated for indoor/outdoor wet, damp & cold locations:
  -20 to 50°C (-4 to 122°F), SD Model
  -20 to 40°C (-4 to 104°F), ACSD Model
- Wall-mount installation on various junction boxes or via rigid conduit
- Patent-Pending design for easy installation: wall-mount back plate includes electrical wire box with snap-on connector
- Patent-Pending light engine: four power LEDs with redundant connections and wide beam
- Clear polycarbonate lens of reduced size (3" X 1.5"), shock absorbent and UV-resistant
- 400-640 Lumens
- Color temperature: 5000K
- Battery: environmentally friendly high-temperature rated, Nickel-Metal Hydride technology
- Run time 90 minutes
- Optional self-test and diagnostic functions
- UL924 Listed
- 5-year limited warranty
  Detailed warranty terms located at: www.emergi-lite.com/usa/files/EL_Warranty.pdf

Optional Features

- Cold weather: -40°F / -40°C
- Forward-throw light distribution, for applications of outdoor exit discharge (OSHA 1910.36)
- High-lumen output: 25 to 50% additional level of illumination compared to the regular unit
- Dual-mode operation: normal lighting and/or emergency lighting with separate AC inputs
- Photocell: dusk-to-dawn control of normal lighting
- Remote test: infrared remote control (keypad ordered separately)
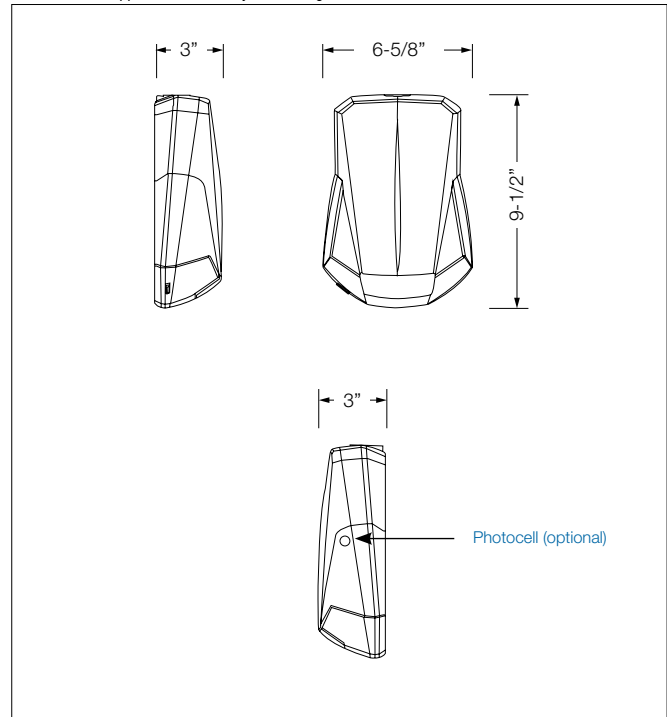- Time Delay: 5, 10, 15 minutes

Dimensions
Dimensions are approximate and subject to change.

Photocell (optional)

Power Consumption

Model Type	AC SPECS: 120/277VAC					6-12VDC remote
	Normal lighting		Emergency lighting			
	Current (max)	Power (max)	Current (max)	Power (max)		Power (max)
AC, 2AC, ACDC, DC (Remote)	0.12/0.08A	12W	0.12/0.08A	12W		8W
AC, 2AC, ACDC, DC, -H (Remote)	0.18/0.11A	18W	0.18/0.11A	18W		14W
ACSD, SD, SD-H	0.12/0.06A	12W	0.05/0.02A	5W		–
SD-CW	–	–	0.15/0.07A	16W		
ACSD-CWP, -CWRC*	–	–	0.22/0.10A	24W		

* Note: ACSD cold weather models must be powered only from the unswitched emergency AC line

Performance, low-profile, modern sleek look emergency unit with optional dual mode (Normally ON/OFF) and photocell activated models

Photometry performance

Whether installed indoors or outdoors, with spacing measurements for a single unit or between two units center-to-center, the Lux Ray® Series LED delivers a stable and consistent illumination making it easy to specify in a wide range of applications. The outstanding spacing of illumination ranges from 50 to 70 feet for standard units (wide beam) and from 40 to 50 feet with the forward-throw beam option.
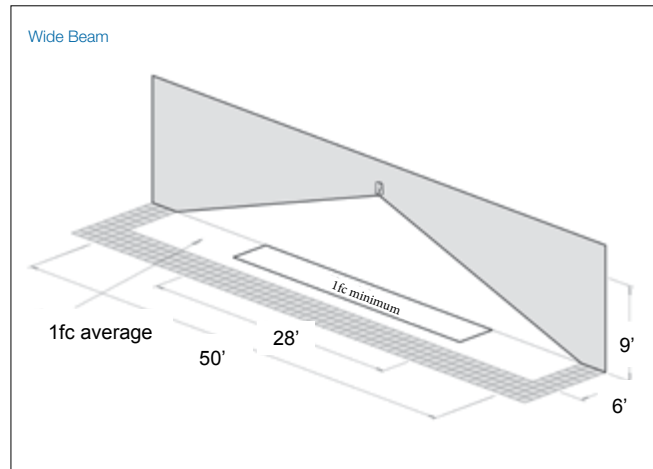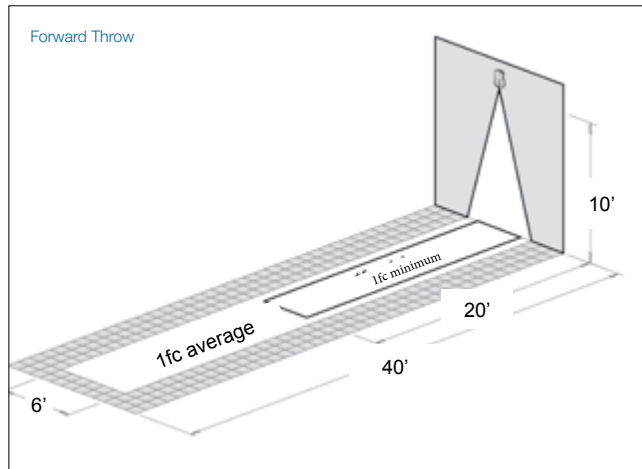
Minimum of 1 foot-candle

TABLE B: SPACING FOR MINIMUM ILLUMINATION = 1FC					
Model Type	Mouting Height	Lumen	Color Temperature	Width X Lenght (ft)	
				Single Unit	Center-To-Center
Standard	9'	400	5000K	4' x 28'	4' x 32'
With option -H	11'	550		4' x 32'	4' x 40'
With option -FT	12'	460		4' x 22'	–
With option -FTH	15'	640		4' x 27'	–

Average of 1 foot-candle

TABLE A: SPACING FOR NFPA101 (AVERAGE = 1FC, SEE NOTE)					
Model Type	Mouting Height	Lumen	Color Temperature	Width X Lenght (ft)	
				Single Unit	Center-To-Center
Standard	9'	400	5000K	6' X 50'	6' X 50'
With option -H	11'	550		6' X 60'	6' X 60'
					3' X 70'
With option-FT	12'	460		6' X 40'	—
With option-FTH	15'	640		6' X 50'	—

Forward Throw
1fc minimum
1fc average
10'
20'
40'
6'

Wide Beam
1fc minimum
1fc average
28'
50'
9'
6'

How to Order

COLOR	SERIES	MODEL	OPTIONS
B= Black **BZ**= Dark bronze **OW**= Off-white **PG**= Platinum gray	**LUX**= Lux-Ray LED	**SD**= Self-Powered & diagnostic [-4... 122°F (-20… 50°C)] **ACSD**= Dual-mode AC / Self-Powered [-4... 104°F (-20… 40°C)]	**-CW**= Cold weather [-40... 86°F (-40…30°C) not available with option -H] **-D1**= Time Delay (5 minutes) **-D2**= Time Delay (10 minutes) **-D3**= Time Delay (15 minutes) **-FT**= Forward throw lighting **-H**= High lumen output (max. 86°F/30°C; model SD only) **-P**= Photocell (ACSD only) **-RC**= Remote control test switch - infrared*

* For ACSD Model only, remote control keypad (TB-RC1-E) ordered separately