

DESCRIPTION

This linear LED stairwell fixture provides uniform, glare-controlled illumination for stairwells and corridors. Featuring field-selectable wattage and CCT, it allows on-site customization for optimal brightness and color temperature while reducing inventory requirements. Its slim, durable design ensures reliable performance for both new construction and retrofit applications.

Project:	Date
Type:	
Model:	

SPECIFICATION FEATURES

Construction

- Housing: SPCC (Steel Plate Cold Commercial). Cold-rolled mild steel with a smooth surface, good formability, and tight thickness tolerance.
- Low glare PC lens.

Optics

- Lumen output from 2,250-6,750lm with efficacy up to 150lm/W.
- Wattage Selectable: 2FT (15/20/36W) and 4FT (20/35/45W).
- Color Temperature options: 3500K/4000K/5000K

Electrical

- Voltage of 120-277VAC.
 - 0-10V dimming standard for a dimming range of 100% to 5%.
 - Operating temperature is 5°C to 40°C(-13°F to 104°F).
- Note: Operating with emergency battery temperature range: 5°C to 40°C (+40°F- +104°F).

Controls

- Built-in PIR sensor.
- Optional Emergency Battery.

Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.



BUILT-IN
Motion Sensor

ORDER INFORMATION

EXAMPLE: MSL4-WS36-Y-40K-EB



Series	Wattage Selectable	Voltage	CCT Selectable	Emergency Battery Back up
MSL2 2FT Stairway fixture	WS36 (36W / 20W / 15W)	Y 120-277V	CCTS Selectable Color Temperature (3500K / 4000K / 5000K)	Blank None
MSL4 4FT Stairway fixture	WS45 (45W / 35W / 20W)			EB Emergency Battery Back-up

Enter configuration:

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

MSL Stairwell Light

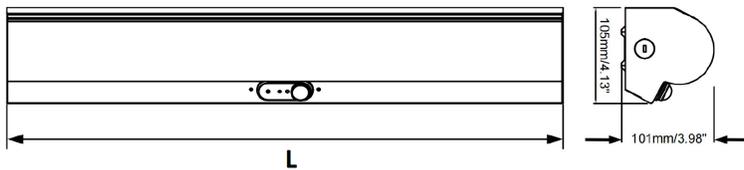
2FT & 4 FT / CCT & Wattage Selectable / Built-in Motion Sensor



PERFORMANCE

Series	MSL-2FT	MSL-4FT
Wattage Selectable	36W / 20W / 15W	45W / 35W / 20W
Lumens	5,400 / 3,000 / 2,250lm	6,750 / 5,250 / 3,000lm
CCT Selectable	3500K / 4000K / 5000K	3500K / 4000K / 5000K
Efficacy (LPW)	150LPW	150LPW
Beam	130°	130°
Input Voltage	120-277VAC	120-277VAC
Certifications	ETL Listed, FCC, RoHS	ETL Listed, FCC, RoHS
Operating Temp.	-22°F to 122°F	-22°F to 122°F
CRI	80	80
PF / THD	>0.9, <20%	>0.9, <20%
Dimming	0-10V (5%-100%)	0-10V 5%-100%

DIMENSIONS



Size (FT)	LxWxH
2	23.97"x3.98"x4.13"
4	47.95"x3.98"x4.13"

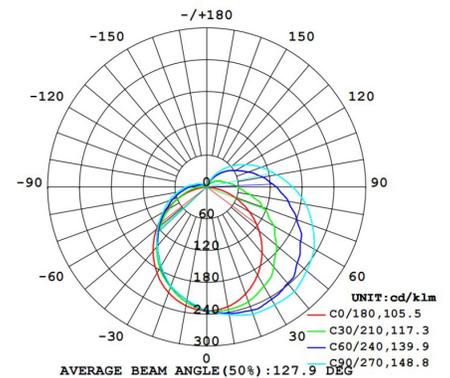
BUILT-IN Motion Sensor / Photocell

- Brightness 100%
- Sensitivity 100%
- Hold time 5 min
- Stand by dim 30%
- Stand by time 60min

Settings can be reconfigured in the filed with optional RC100 remote control.



PHOTOMETRY



SPECIFICATIONS	
Power supply	10-14V DC, >50mA
Dim control output	0-10V, max. 25mA sinking current
Mounting height	12ft(4m) Max.
Detection angle	360°
Operating Temp.	-4°F to 140°F (-20°C to 60°C)
IP-Rating	IP20

ACCESSORIES



RC100

Remote Controller to Program Motion Sensor

Program and automate settings for brightness, sensitivity, hold time, standby-by-time, daylight sensor, and stand-by-dimming.



EB

Emergency Battery Back-up

Factory installed EB option available. 90 mins emergency time.