

## 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

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

### Lifespan

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



**BUILT-IN**  
Bi-Level Sensor

## ORDER INFORMATION

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



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

Enter configuration:

\* Bi-Level PIR Motion & Daylight Sensor

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

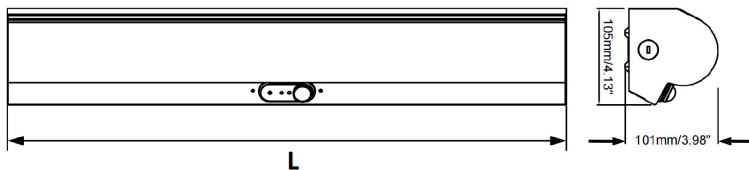
2FT & 4 FT / CCT & Wattage Selectable / Built-in Bi-level Motion Sensor



## 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"

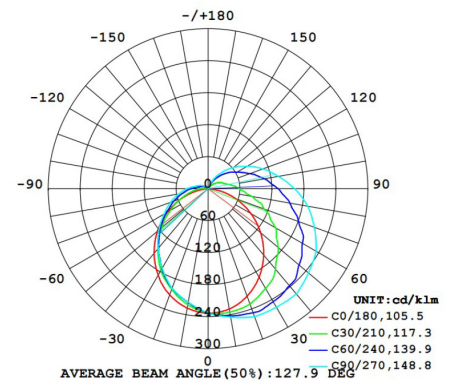
## BUILT-IN Motion Sensor / Photocell

- 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

## ACCESSORY (Sold separately)



### 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.

## ACCESSORY (Optional)



### EB

#### Emergency Battery Back-up

Factory installed EB option available. 90 mins emergency time.