

LED STRIP LS SERIES



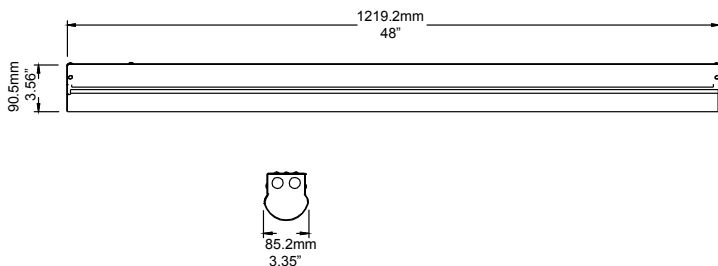
PRODUCT DESCRIPTION:

The small size of the LS Series makes it an ideal choice for size-restricted applications. The LS Series can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility, shops, task and general area lighting.

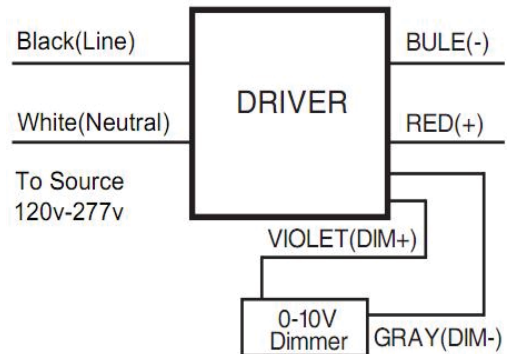
FEATURES:

- Driver efficiency >85%.
- CRI >80
- L70 lumen maintenance of 50,000 hours
- 5 year limited warranty
- 0-10v dimming standard, product dimmable down to 10%
- Universal 120-277V
- Fixture may be surface, pendant, or stem mounted (accessories sold separately)
- 7/8th inch (1/2" NPS standard) knock out
- Suitable for Damp locations
- Optional motion sensor available

DIMENSION:



WIRING DIAGRAM:



MODEL SELECTION		Typical order example: LS-4835U-50			
LS	48		U		
FAMILY	SIZE	WATTAGE (NOMINAL)	VOLTAGE	CCT	
LS= Linear Strip	48= 4ft	35= 35W 46= 46W	U= 120-277V	40= 4000K 50= 5000K	(OMIT)= None MS= Bi-Level Motion Sensor with Daylight Harvesting and Remote Control Capability

Please note: 5000K standard, 4000K special order


SPECIFICATIONS:

SPECIFICATIONS:		LS-4835U-XX	LS-4846U-XX
ITEM	SPECIFICATION	DETAILS	
GENERAL PERFORMANCE	Power Consumption (W)	34.6	44.7
	Lumens Delivered (lm)	4,405	5,679
	Efficacy (lm/W)	129	127
	CRI	≥80	
	Color Temperature (K)	4000K, 5000K	
	L70 Lifetime (hours)	50,000	
	Color Consistency	Proprietary binning for uniform color	
ELECTRICAL	Power Factor	0.9	
	Input Voltage	120-277V	
PHYSICAL	Mounting	Fixture may be surface, pendant, or stem mounted	
	Operating Temperature	-20°C to 40°C	
	Humidity	20-85% RH, non-condensing	
QUALIFICATIONS	Qualifications	DLC Premium, cULus, FCC, Lighting Facts	
	Material Usage	RoHS compliant; no mercury	
	Environment	Indoor/Damp	
	Warranty	5 Years	

ORDERING:

ORDER CODE	MODEL NUMBER	WATTAGE	CCT
1409690	LS-4835U-50	35W	5000K
1409984	LS-4835U-50MS		
1410113	LS-4846U-50	46W	
1410114	LS-4846U-50MS		

*Please contact your MaxLite representative to order products that don't have order codes listed here.

ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORY IMAGE
74138	MLCHKLSU15	Cable Kit 15' Loop X Toggle Y 1 Pair	

Below are all available settings for the MS option. Purchase of the remote control (RMHYTHRC-05) is required in order to change factory settings.

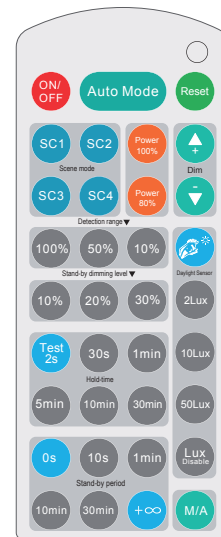
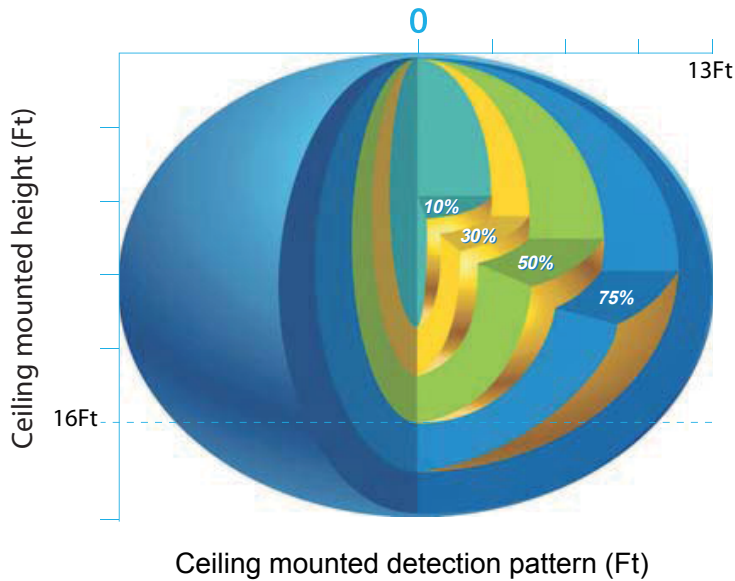
1 Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	10%



- I – 100%
- II – 75%
- III – 50%
- IV – 10%



Remote control (RMHYTHRC-05)

2 Hold-time

Hold-time means the time period to keep the lamp on 100%, after all motion has ceased (detection area vacated).

	1	2	3	
I	●	●	●	5s
II	●	●	○	30s
III	●	○	●	1min
IV	●	○	○	5min
V	○	●	●	10min
VI	○	●	○	20min
VII	○	○	○	30min



- I – 5s
- II – 30s
- III – 1min
- IV – 5min
- V – 10min
- VI – 20min
- VII – 30min

3 Daylight sensor

The daylight threshold can be set on DIP switches, to fit for particular application.

- “Daylight” : The lamp works always, even during daylight.
- “Twilight” : The lamp works only in twilight and in darkness.
- “Darkness” : The lamp works only in darkness.

	1	2	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2Lux



- I – Disable
- II – 50Lux
- III – 10Lux
- IV – 2Lux

4 Stand-by period (corridor function)

This is the time period you would like to keep at the low light output level before it is completely switched off in the long absence of people.

Note: “0s” means on/off control;
“+∞” means bi-level dimming control, fixture never switches off when daylight sensor is disabled.

	1	2	3	
I	●	●	●	0s
II	●	●	○	10s
III	●	○	●	1min
IV	●	○	○	5min
V	○	●	●	10min
VI	○	●	○	30min
VII	○	○	●	1H
VIII	○	○	○	+∞



- I – 0s
- II – 10s
- III – 1min
- IV – 5min
- V – 10min
- VI – 30min
- VII – 1H
- VIII – +∞

5 Stand-by dimming level

This is the dimmed low light output level you would like to have after the hold-time in the absence of people.

	1	2	
I	●	●	5%
II	●	○	10%
III	○	●	20%
IV	○	○	30%



- I – 5%
- II – 10%
- III – 20%
- IV – 30%