MaxLite®
A NEW WAVE OF LIGHT

PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____FIXTURE SCHEDULE:_____

LED STRIP RETROFIT KIT
RS SERIES

Certifications: DLC QPL PREMIUM LISTED, UL CLASSIFIED C US, FC, Damp Listed, SUPPORTS T24 COMPLIANCE, DIMMABLE
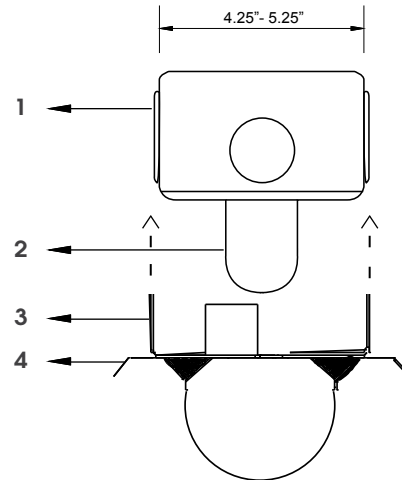
PRODUCT DESCRIPTION:

Retrofits existing 4' and 8' fluorescent strips and Industrial fixtures to LED in as little as one minute. Industry's fastest LED strip retrofit kit. The universal design fits most 4.25" and 5.25" T8/T12 fluorescent wide strips.

FEATURES:

- 2 of the 4' units combine with a simple bracket provided to make 8' units to retrofit 8' T8 fluorescent fixtures.
- 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
- Suitable for Damp locations
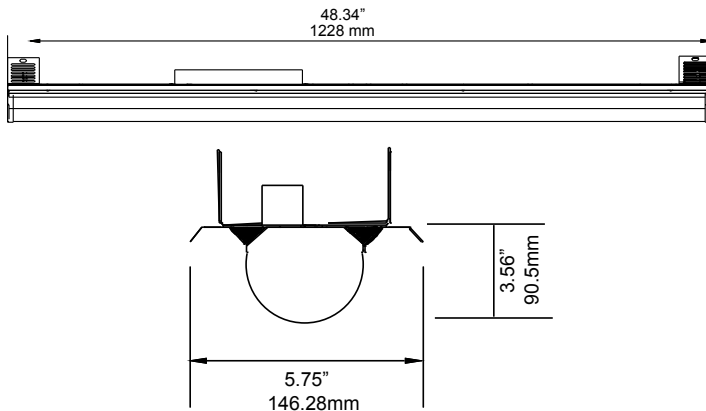- Optional motion sensor available

MOUNTING DIMENSIONS:

4.25"- 5.25"

1
2
3
4

NOTES:
1. Existing housing (not provided)
2. Existing sockets to be removed
3. Adjustable brackets form the retrofit kit. Fits over existing pan
4. Lensed retrofit snaps in place

PRODUCT DIMENSIONS:

48.34"
1228 mm

3.56"
90.5mm

5.75"
146.28mm

MODEL SELECTION (Full list of order codes on pg. 2)			Typical order example: RS-4835U-50		
RS	**48**		**U**		
FAMILY	**SIZE**	**WATTAGE (NOMINAL)**	**VOLTAGE**	**CCT**	**SENSOR**
RS= Retrofit 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

NOTES:
1. 5000K standard, 4000K special order

LED STRIP RETROFIT KIT
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SPECIFICATIONS:

ITEM	SPECIFICATION	RS-4835U-XX	RS-4846U-XX
		DETAILS	
GENERAL PERFORMANCE	Power Consumption (W)	32.9	46
	Lumens Delivered (lm)	4,501	5,980
	Efficacy (lm/W)	134	130
	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	Retrofits into current linear fixtures	
	Operating Temperature	-20°C to 40°C	
	Humidity	20-85% RH, non-condensing	
QUALIFICATION	Qualifications	DLC 4.2 Premium, FCC, cULus	
	Material Usage	RoHS compliant; no mercury	
	Environment	Indoor/Damp	
	Warranty	5 Years	

ORDERING*:

ORDER CODE	MODEL NUMBER	WATTAGE	CCT
1409412	RS-4835U-50	35W	5000K
1409981	RS-4835U-50MS		
1410111	RS-4846U-50	46W	
1410112	RS-4846U-50MS		

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

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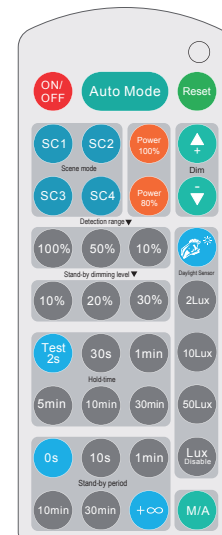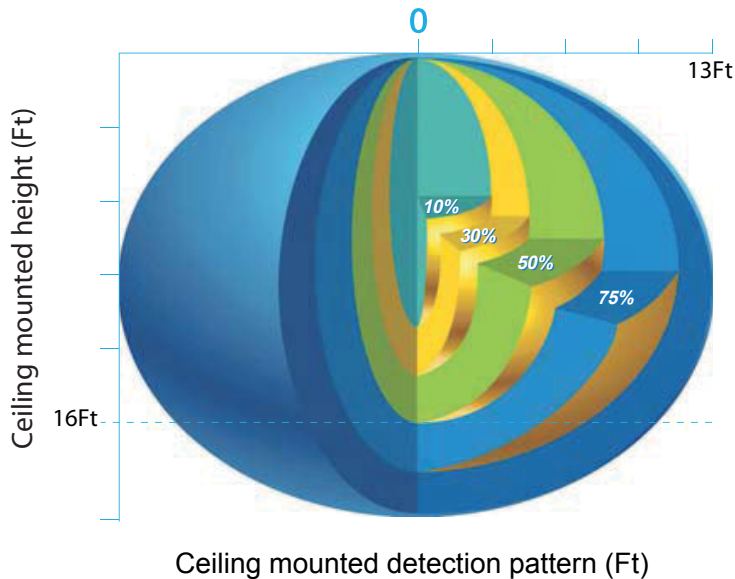
❶ Detection area

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%

0
13Ft

Ceiling mounted height (Ft)

10%
30%
50%
75%

16Ft

Ceiling mounted detection pattern (Ft)

Remote control (RMHYTHRC-05)

ON/OFF Auto Mode Reset
SC1 SC2 Power 100% ▲ +
Scene mode Dim
SC3 SC4 Power 80% ▼
Detection range ▼
100% 50% 10% Daylight Sensor
Stand-by dimming level ▼
10% 20% 30% 2Lux
Test 2s 30s 1min 10Lux
Hold-time
5min 10min 30min 50Lux
0s 10s 1min Lux Disable
Stand-by period
10min 30min +∞ M/A

❷ 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

❸ 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

❹ 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 – +∞

❺ 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%