PROJECT NAME:_____ CAT. #: _____

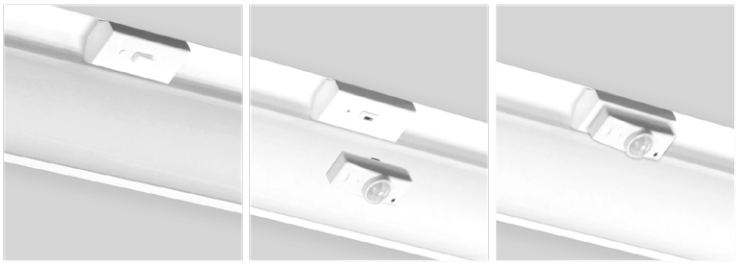
NOTES:_____ FIXTURE SCHEDULE:_____

RETROFIT STRIP KIT GEN 2

Wattage & Color Select/Controls Ready

RS2 - 4 Foot

RS2 - 8 Foot



PRODUCT DESCRIPTION:

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

With each SKU offering 3 CCT and 3 wattage options and the Maxlite's Patented c-Max Controls Ready USB-C port allowing in-field Plug & Play controls, this product meets a variety of needs in a single package.

FEATURES:

- CCT and Wattage selectable
- (9 possible combinations with each fixture)
- Controls Ready – can be paired with the new cMax controls nodes
- 0-10V dimming standard
- CRI>80
- Universal voltage 120-277V
- L70 lumen maintenance of 100,000 hours
- Sheet metal (steel) housing and Frosted polycarbonate lens for smooth diffused distribution
- Operating temperature: -4°F to 122°F, except fixtures with EM option
- On EM mode, the fixture CCT will be set to 5000K
- Default setting for WCS models is set to lower wattage and 4000K
- On EM mode, the fixture output a minimum of 1070lm on 4ft model and 1000lm on 8ft model for 90 minutes, when fully charged

CONTROLS READY:

MaxLite's new Controls Ready (CR) fixtures allows for quick and easy in-field installation (plug and play) of controls. Simply purchase any CR fixture and the required Controls Node and you're all set! See the accessory table for all controls options available for this fixture.

Ordering Information

FAMILY		SIZE	VOLTAGE	WATTAGE (NOMINAL)	CCT SELECT	CONTROLS OPTIONS	OPTIONS
RS2= Retrofit Strip	-	**4=** 4FT	**U=** 120-277V	**23W=** 23/34/47W	**CS=** Color Selectable (3500K/4000K/5000K)	**CR=** Control Ready	**[BLANK]=** None **-EM=** Emergency Back-up
		8= 8FT		**65W=** 65W/75W/90W			

Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID#	CLASSIFICATION	DLC CATEGORY
109257	RS2-4U23WCSCR	S-MHTSEC, S-TE9AFZ	Standard	Retrofit Kits for Low-Bay Luminaires for Commercial and Industrial Buildings, Retrofit Kits for Direct Linear Ambient Luminaires
109258	RS2-8U65WCSCR	S-IS879J, S-7SKGZJ	Standard	Retrofit Kits for High-Bay Luminaires for Commercial and Industrial Buildings, Retrofit Kits for Direct Linear Ambient Luminaires

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RETROFIT STRIP KIT GEN 2

Wattage & Color Select/Controls Ready

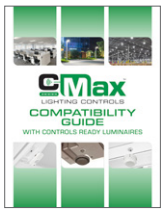
c-Max Controls Microsites and Compatibility Guide

c-Max BC BASIC LIGHTING CONTROLS — Microsite

c-Max NC NETWORK LIGHTING CONTROLS — Microsite

c-Max RF EasyRF™ LIGHTING CONTROLS — Microsite

c-Max NP NETWORK PARTNERS — Microsite



Product Compatibility Guide

Compatible Controls (SOLD SEPARATELY)+

The table below shows a small subset of control nodes from each tier that directly plug in with the fixture.
Refer to individual microsites above for more accessories that could be added based on application requirements.

ORDER CODE	MODEL NUMBER & LINK TO DATA SHEET	DESCRIPTION	QR CODE TO DATA SHEET	IMAGE
c-Max Basic				
105567	CN-REMOTE	CONTROL NODE REMOTE CONTROL		
105890	CN-RTPSW[1]	CONTROL NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE		
c-Max Network				
105892	NN-RTW	NETWORK NODE RECTANGULAR, WHITE		
105893	NN-RTDHW	NETWORK NODE RECTANGULAR, DAYLIGHT HARVESTING, WHITE		
106059	NN-RTPSW	NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE		
c-Max EasyRF				
110961	RF-RTPSW	EasyRF NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE		
110962	RF-REMOTE	EasyRF REMOTE CONTROL COMMISSIONING TOOL		
c-Max Network Partners - Silvair				
110431	NN-RTPSW-SL	SILVAIR NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE		
111148	NN-RTW-SL	SILVAIR NETWORK NODE RECTANGULAR, WHITE		
c-Max Network Partners - Casambi				
112428	NN-RTPSW-CA	CASAMBI NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE		

[1] Maxlite recommends CN-RTPSW (PIR) sensor for most applications with this fixture. If CN-RTMST(microwave) is required for an application, Maxlite recommends a pilot test to confirm there is no interference that causes unexpected responses from the microwave sensor. For additional options and c-Max network Partners components check Maxlite.com/cmax

+ Note - This controls ready fixture is compatible with the c-Max platform supporting multiple tiers of controls. The table above shows a small subset of control nodes from each tier that directly plug in with the fixture. Refer to individual microsite above for more accessories that could be added based on application requirements

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RETROFIT STRIP KIT GEN 2

Wattage & Color Select/Controls Ready

Specifications

	RS2-4U23WCSCR								
Power Consumption	23W			34W			47W		
Lumens Delivered	3,330 lm	3,400 lm	3,380 lm	4,730 lm	4,990 lm	4,820 lm	6,290 lm	6,760 lm	6,390 lm
Efficacy	145 lm/w	148 lm/w	147 lm/w	140 lm/w	147 lm/w	142 lm/w	134 lm/w	144 lm/w	136 lm/w
Color Temperature (K)	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
Beam Angle	120°								
CRI	≥80								
L70 Lumen maintenance	≥100,000 hours								
Dimmability	Technology: 0-10V. Range: 10-100%								
Power Factor	≥0.9								
Surge Protection	2.5KV								
Input Voltage	120-277V								
Housing/Lens	Sheet metal (steel) housing and Frosted PC lens								
Operating Temperature	-4°F to 122°F (-20°C to 50°C), except EM units. EM units: +32°F to +122°F (0°C to +50°C)								
Certifications	UL listed, FCC, RoHs Complaint								
Qualifications	DLC Standard								
Environment	UL listed for Damp location								
Warranty	10 Years. Check maxlite.com/warranties for details								

Specifications

	RS2-8U65WCSCR								
Power Consumption	65W			75W			90W		
Lumens Delivered	8,710 lm	9,360 lm	8,840 lm	9,670 lm	10,420 lm	9,820 lm	11,430 lm	12,330 lm	11,610 lm
Efficacy	134 lm/w	144 lm/w	136 lm/w	129 lm/w	139 lm/w	131 lm/w	127 lm/w	137 lm/w	129 lm/w
Color Temperature (K)	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
Beam Angle	120°								
CRI	≥80								
L70 Lumen maintenance	≥100,000 hours								
Dimmability	Technology: 0-10V. Range: 10-100%								
Power Factor	≥0.9								
Surge Protection	2.5KV								
Input Voltage	120-277V								
Housing/Lens	Sheet metal (steel) housing and Frosted PC lens								
Operating Temperature	-4°F to 122°F (-20°C to 50°C), except EM units. EM units: +32°F to +122°F (0°C to +50°C)								
Certifications	UL listed, FCC, RoHs Complaint								
Qualifications	DLC Standard								
Environment	UL listed for Damp location								
Warranty	10 Years. Check maxlite.com/warranties for details								

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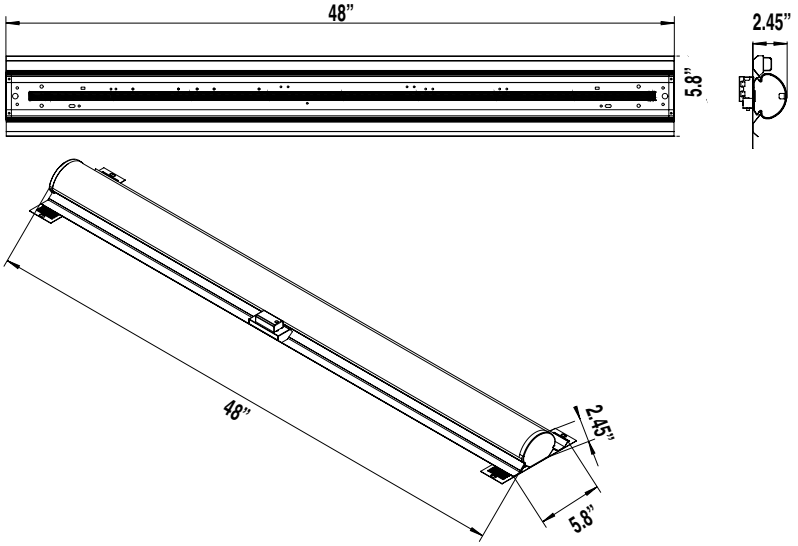
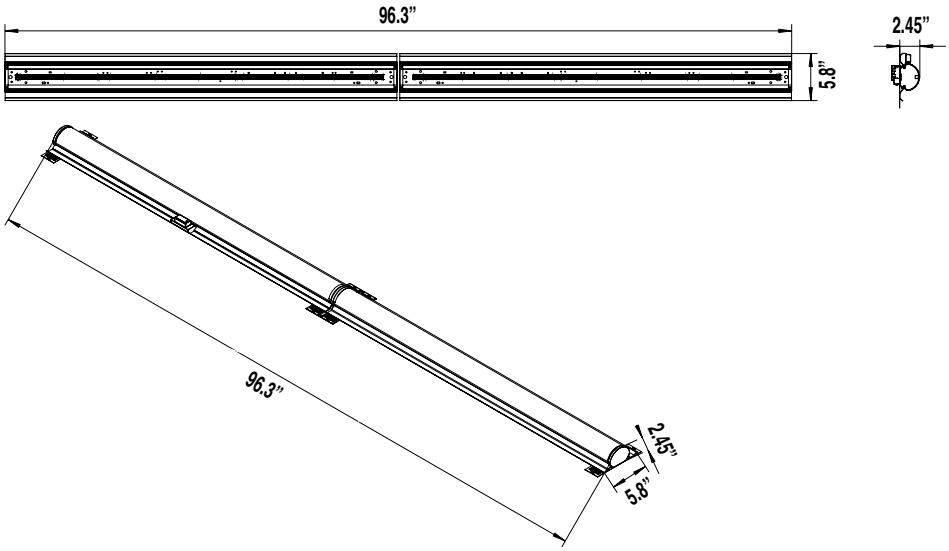
RETROFIT STRIP KIT GEN 2

Wattage & Color Select/Controls Ready

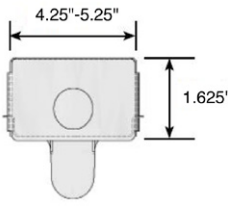
Dimensions: RS2 4ft



Dimensions: RS2 8ft



MOUNTING DIMENSIONS:



NOTE:

The Strip Retrofit Kit is designed to fit 1x4 and 1x8 strip fixture. The housing has a width of 4.25” to 5.25” and a minimum depth of 1.625”.

INSTALLATION VIDEO:

VIDEO	QR CODE
RS2 Series Installation Video	

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