MaxLite®

PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

LS2 Linear Strip - Control Ready Series
Wattage and Color Selectable

2FT

4FT

8FT

Product Description

The new generation of LS Series Linear Strips (LS2 Series) features field-selectable wattages, CCTs and field-installable controls. Offered in three sizes (2', 4' and 8'), with each providing nine combinations of color temperatures and wattages, as well as optional c-Max controls, one product can replace 54 different SKUs for stocking distributors! With its versatility and long life, the LS2 Series can address a variety of commercial, industrial, retail and residential application needs, including storage/utility, workshop, task or general area lighting.

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
* 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
* Fixture may be surface, pendant, or stem mounted (accessories sold separately)
* On EM mode, the fixture output a minimum of 700 lumens 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
LS2= Linear Strip Gen 2	**2=** 24" **4=** 48" **8=** 96"	**U=** 120-277V	**20W=** 20/25/30W **23W=** 23/34/47W **65W=** 65/75/90W	**CS=** Color Selectable (3500K/4000K/5000K)	**CR=** Control Ready	**[BLANK]=** None **EM=** Emergency Back-up

EM is not possible on the 2ft model.
Default setting for WCS models is set to lowest wattage and 4000K.

Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID #	DLC CATEGORY
105620	LS2-2U20WCSCR	P37EJ8SA, PER8OUVJ	Stairwell and Passageway Luminaires, Direct Linear Ambient Luminaires
105626	LS2-4U23WCSCR	PSEGENGX, PL9NLBJZ	Stairwell and Passageway Luminaires, Direct Linear Ambient Luminaires
105632	LS2-8U65WCSCR	P46TMYWJ, PXB8EIHB, PS07PKYS	Stairwell and Passageway Luminaires, Direct Linear Ambient Luminaires, High-Bay Luminaires for Commercial and Industrial Buildings

10-year standard warranty with labor allowance (further details available at www.maxlite.com/warranties)
Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F. If ambient temperatures fall outside the -4°F to 77°F range, product is warrantied for 5 years according to the operating temperature range specified on the PDS. Up to $25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite. Excludes EM/MS versions; component warranty applies.

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Accessories (SOLD SEPARATELY)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
74138	MLCHKLSU15	Cable Kit 15' Loop X Toggle Y 1 Pair	
105567	CN-REMOTE	Control Node Remote Control	
105564	CN-RTMST	Control Node Rectangular, Microwave Motion Sensor, Translucent	

Sensor

SENSOR	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	QR CODE
CN-RTMST	Microwave, Photoelectric	Bi-Level	N/A	Yes	

Specifications

	LS2-2U20WCSCR		
Power Consumption	20W	25W	30W
Lumens Delivered	2,600 lm	3,250 lm	3,900 lm
Efficacy	130 lm/w	130 lm/w	130 lm/w
CRI	>=80		
Color Temperature (K)	3000K, 4000K, 5000K		
L70 Lumen maintenance	>=100,000 hours		
Power Factor	>=0.9		
Input Voltage	120-277V		
Operating Temperature	-4°F to 122°F (-20°C to 50°F)		
Qualifications	cULus listed, FCC, Rohs Complaint		
Environment	UL listed for Damp location		
Warranty	10 Years warranty		
Qualifications	DLC Premium		

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LS2 Linear Strip - Control Ready Series — *Wattage and Color Selectable*

Specifications

	LS2-4U23WCSCR		
Power Consumption	23W	34W	47W
Lumens Delivered	2,990 lm	4,420 lm	6,110 lm
Efficacy	130 lm/w	130 lm/w	130 lm/w
CRI	>=80		
Color Temperature (K)	3000K, 4000K, 5000K		
L70 Lumen maintenance	>=100,000 hours		
Power Factor	>=0.9		
Input Voltage	120-277V		
Operating Temperature	-4°F to 122°F (-20°C to 50°F), except EM units. EM units: +32°F to +122°F (0°C to +50°C)		
Qualifications	cULus listed, FCC, Rohs Complaint		
Environment	UL listed for Damp location		
Warranty	10 Years warranty		
Qualifications	DLC Premium		

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Specifications

	LS2-8U65WCSCR		
Power Consumption	65W	75W	90W
Lumens Delivered	8,450 lm	9,750 lm	11,700 lm
Efficacy	130 lm/w	130 lm/w	130 lm/w
CRI	>=80		
Color Temperature (K)	3000K, 4000K, 5000K		
L70 Lumen maintenance	>=100,000 hours		
Power Factor	>=0.9		
Input Voltage	120-277V		
Operating Temperature	-4°F to 122°F (-20°C to 50°F), except EM units. EM units: +32°F to +122°F (0°C to +50°C)		
Qualifications	cULus listed, FCC, Rohs Complaint		
Environment	UL listed for Damp location		
Warranty	10 Years warranty		
Qualifications	DLC Premium		

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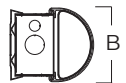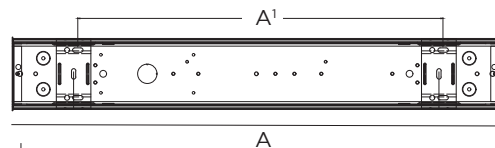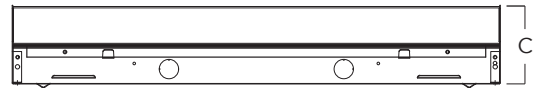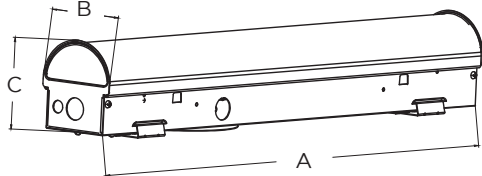
PRODUCT	A (L)	A[1]	B (W)	C (H)
LS2-2U20WCSCRXxx	22.2"	16.6"	3.3"	3.6"
LS2-4U23WCSCRXxx	47.3"	42.1"	3.3"	3.6"
LS2-8U65WCSCRXxx	94.2"	88.6"	3.3"	3.6"