

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
- Sheet metal (steel) housing and PMMA 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
- 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 #	CLASSIFICATION	DLC CATEGORY
105620	LS2-2U20WCSCR	P37EJ8SA, PEXSXWUJ, PHEAKO45	Premium	Stairwell and Passageway Luminaires
		PER8OUVJ, PPTFEOTT, PO0WFPBC	Standard	Direct Linear Ambient Luminaires
105626	LS2-4U23WCSCR	PSEGENGX, PLS5JONV, PE63A703	Premium	Stairwell and Passageway Luminaires
		PL9NLBJZ, PFV108PR, PKKQ1ASB, PH4XPVZ6, PSLQ377I	Standard	Direct Linear Ambient Luminaires, Low-Bay Luminaires for Commercial and Industrial Buildings
105632	LS2-8U65WCSCR	P46TMYWJ, PS07PKYS, PQQVNA79, PGROPEND, PBW443WL, P9742G99	Premium	Stairwell and Passageway Luminaires, High-Bay Luminaires for Commercial and Industrial Buildings
		PXB8EIH, P3L9HF8Z, PNL8MHT9	Standard	Direct Linear Ambient Luminaires



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 warranted 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	
106052	LS2-WG2404	Wireguard 2ft LS2 Strip Watt CCT Select 22in X 4in	
106053	LS2-WG4804	Wireguard 4ft LS2 Strip Watt CCT Select 47in x 4in	
106054	LS2-WG9604*	Wireguard 8ft LS2 Strip Watt CCT Select 94in X 4in	
106185	LS2-PLATEKIT***	Connecting Bracket/Plate Kit LS2 Strip Watt CCT Select, White Finish	
108422	LS2-CBKT	Corner Bracket Kit for LS2 WCS	
108421	LS2-PMKIT	Pipe Mount Kit for LS2 WCS	
108384	CWHD-48W****	Connecting Wire Harness - Dimming 4FT, White, Includes Additional Female Connector	
108383	CWHP-48W****	Connecting Wire Harness - Power 4FT, White, Includes Additional Female Connector	
c-Max Basic			
105567	CN-REMOTE	Control Node Remote Control	
105564	CN-RTMST	Control Node Rectangular, Microwave Motion Sensor, Translucent	
105565	CN-RDMSW**	Control Node Round, White	
106903	CEA-RDW	c-Max External Adapter Round, White	
c-Max Network			
105892	NN-RTW	Network Node Rectangular, White	
106118	WNS-W	Wall Network Switch (Bluetooth) White	
105905	NN-RDMSW**	Network Node Round, White	
106318	NPP-300W	120-277V Network Power Pack 300W Max	

*LS2-WG9604 comes in 2 units of 4' segments.

**To use CN-RDMSW or NN-RDMSW, the CEA-RDW External adapter also needs to be purchased separately.

*** It is recommended to purchase CWHD-48W (sold separately) and CWHP-48W (sold separately) along with LS2-PLATEKIT.

**** Use CWHD-48W and CWHP-48W to daisy chain. Maximum Luminaire count should be less than or equal to 4.

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Sensor

SENSOR	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	QR CODE
CN-RTMST	Microwave, Photoelectric	Bi-Level	N/A	CN-REMOTE	
CN-RDMSW	PIR motion sensing, Photoelectric	Bi-Level	Continuous Adjustment Mode (CAM)	CN-REMOTE	
NN-RTW	Bluetooth networking	N/A	N/A	c-Max App (iPhone or Android)	
NN-RDMSW	PIR motion sensing, Photoelectric & Bluetooth networking	Bi-Level	Continuous Adjustment Mode (CAM)	c-Max App (iPhone or Android)	

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)	3500K, 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 Standard/DLC Premium (see Stocked Item table for more details)		

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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)	3500K, 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 Standard/DLC Premium (see Stocked Item table for more details)		

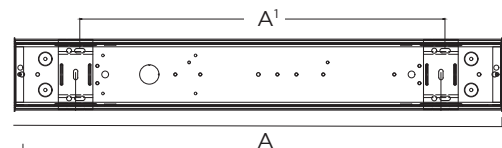
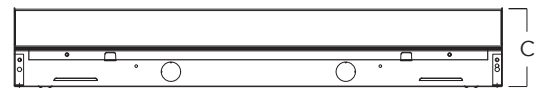
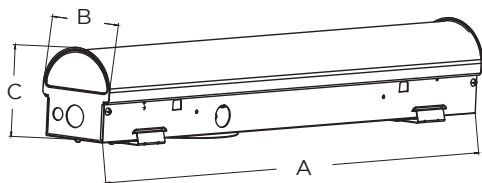
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Specifications

	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)	3500K, 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)		
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Dimensions



PRODUCT	A (L)	A'	B (W)	C (H)
LS2-2U20WCSCRxx	22.2"	16.6"	3.3"	3.6"
LS2-4U23WCSCRxx	47.3"	42.1"	3.3"	3.6"
LS2-8U65WCSCRxx	94.2"	88.6"	3.3"	3.6"