MaxLite® ENHANCED cMax CONTROLS COMPATIBLE DLC LISTED PREMIUM DLC LISTED 120-277 VOLT WATTAGE SELECTABLE FIXTURE CCT SELECTABLE RoHS COMPLIANT TAA AVAILABLE UL CERTIFIED 10 YEAR WARRANTY FC

PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

LS3 Linear Strip - Control Ready Series

Wattage & Color Selectable



2 foot



4 foot



8 foot



Product Description

The new generation of LS Series Linear Strips (LS3 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 integrated c-Max controls, one product can replace 27 different SKUs for stocking distributors! With its versatility and long life, the LS3 Series can address a variety of commercial, industrial, retail and residential application needs, including storage/utility, workshop, task or general area lighting.

Features

- DLC Premium & Standard (see page 2 for DLC product ID and classification)
- CCT and Wattage selectable (9 possible combinations with each fixture)
- Controls Ready – can be paired with the new c-Max 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 is a minimum of 1200 lumens (EM model) and 1000 lumens (E2 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.

Controls Features****

- Daylight Sensor
- Occupancy Sensor
- Integral Sensor Receptacle
- High-End Trim
- Bluetooth
- Energy Monitoring when used with Avi-On nodes
- Luminaire Level Lighting Control (LLLC)

Ordering Information

FAMILY	-	SIZE	VOLTAGE	WATTAGE SELECT**	CCT SELECT**	CONTROLS OPTIONS	BBU OPTIONS*	SOURCING STRATEGY
LS3= Linear Strip Gen 3	-	**2=** 24"	**U=** 120-277V	**15W=** 15W/20W/25W	**CS=** Color Selectable (3500K /4000K/ 5000K)	**CR=** Controls Ready	**BLANK=** None **EM=** Battery Backup*** **E2=** Made to Order Emergency back-up***	**BLANK=** Non-TAA Country **TAA=** TAA Country
		4= 48"		**23W=** 23W/34W/47W				
		8= 96"		**45W=** 45W/55W/65W **65W=** 65W/75W/90W				

*EM unit is UL924 classified. EM is not possible on the 2ft model.
**Default setting for WCS models is set to lowest wattage and 4000K.
*** Battery Back up unit used in the EM option is CEC Title 20 qualified (Option E2 is not qualified).
**** Maxlite recommends the use of CN-RTPSW for almost all applications instead of CN-RTMST. Cannot use sensor cap with CN-RTMST

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LS3 Linear Strip - Control Ready Series

Wattage & Color Selectable

Non-TAA Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID#	DLC CLASSIFICATION	DLC PRIMARY USE DESIGNATION
110524	LS3-2U15WCSCR	S-92ZJRT	Standard	Direct Linear Ambient Luminaires
		S-7QCYXZ	Premium	Stairwell and Passageway Luminaires
110525	LS3-4U23WCSCR	S-15BGLR	Standard	Direct Linear Ambient Luminaires
		S-4YCHKY	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
		S-ZF0HKZ	Premium	Stairwell and Passageway Luminaires
110526	LS3-8U65WCSCR	S-LXBSMT	Standard	Direct Linear Ambient Luminaires
		S-QMV9HD	Standard	High-Bay Luminaires for Commercial and Industrial Buildings
		S-WBNKC4	Premium	Stairwell and Passageway Luminaires
110528	LS3-4U23WCSCREM	S-15BGLR	Standard	Direct Linear Ambient Luminaires
		S-4YCHKY	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
		S-ZF0HKZ	Premium	Stairwell and Passageway Luminaires
110529	LS3-8U65WCSCREM	S-LXBSMT	Standard	Direct Linear Ambient Luminaires
		S-QMV9HD	Standard	High-Bay Luminaires for Commercial and Industrial Buildings
		S-WBNKC4	Premium	Stairwell and Passageway Luminaires

TAA Stocked Items

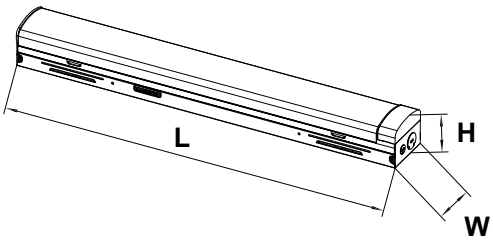
ORDER CODE	MODEL NUMBER	DLC PRODUCT ID#	DLC CLASSIFICATION	DLC PRIMARY USE DESIGNATION
110994	LS3-2U15WCSCRTA	S-92ZJRT	Standard	Direct Linear Ambient Luminaires
		S-7QCYXZ	Premium	Stairwell and Passageway Luminaires
110995	LS3-4U23WCSCRTA	S-15BGLR	Standard	Direct Linear Ambient Luminaires
		S-4YCHKY	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
		S-ZF0HKZ	Premium	Stairwell and Passageway Luminaires
111482	LS3-4U23WCSCREMTA	S-15BGLR	Standard	Direct Linear Ambient Luminaires
		S-4YCHKY	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
		S-ZF0HKZ	Premium	Stairwell and Passageway Luminaires
110996	LS3-8U45WCSCRTA	S-JQR0WP	Standard	Direct Linear Ambient Luminaires
		S-K0TLSQ	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
		S-0ML8ZX	Premium	Stairwell and Passageway Luminaires
113505	LS3-8U45WCSCREMTA	S-JQR0WP	Standard	Direct Linear Ambient Luminaires
		S-K0TLSQ	Standard	Low-Bay Luminaires for Commercial and Industrial Buildings
		S-0ML8ZX	Premium	Stairwell and Passageway Luminaires
110997	LS3-8U65WCSCRTA	S-LXBSMT	Standard	Direct Linear Ambient Luminaires
		S-QMV9HD	Standard	High-Bay Luminaires for Commercial and Industrial Buildings
		S-WBNKC4	Premium	Stairwell and Passageway Luminaires
111483	LS3-8U65WCSCREMTA	S-LXBSMT	Standard	Direct Linear Ambient Luminaires
		S-QMV9HD	Standard	High-Bay Luminaires for Commercial and Industrial Buildings
		S-WBNKC4	Premium	Stairwell and Passageway Luminaires

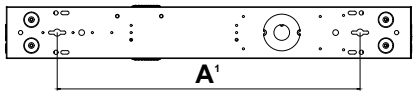
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LS3 Linear Strip - Control Ready Series

Wattage & Color Selectable

DIMENSIONS





PRODUCT	A (L)	A¹	B (W)	C (H)
LS3-2U15WCSCR	22.2 inches	16.6 inches	2.8 inches	2.3 inches
LS3-4U23WCSCR	47.3 inches	41.7 inches		
LS3-8UxxWCSCR	94.2 inches	88.6 inches		

Accessories

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
74138	MLCHKLSU15	Cable Kit 15' Loop X Toggle Y 1 Pair	
111042	LS3-WG2404	WIREGUARD 2FT LS3 STRIP 22IN X 4IN	
111043	LS3-WG4804	WIREGUARD 4FT LS3 STRIP 48IN X 4IN	
111044	LS3-WG9604*	WIREGUARD 8FT LS3 STRIP 96IN X 4IN	
111041	LS3-PLATEKIT**	CONNECTING BRACKET/ PLATE KIT LS3 STRIP, WHITE FINISH	
111040	LS3-CBKT	CORNER BRACKET KIT FOR LS3 WCS	
108421	LS2-PMKIT	PIPE MOUNT FOR LS2 AND LS3	
111761	LS-REDUCER	LINEAR STRIPS KNOCKOUT REDUCER - 1/2 IN NPT FEMALE TO 1/4 IN NPT MALE, WHITE FINISH	
111463	LS3-SMK	HARDWARE - LS3 SURFACE MOUNT KIT WITH HARDWARE (2 BRACKETS WITH ANCHORS AND SCREWS)	
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	

* LS3-WG9604 comes in 2 units of 4' segments.* Requires at least 1 remote control (CN-REMOTE) per project to program
** It is recommended to purchase CWHD-48W (sold separately) and CWHP-48W (sold separately) along with LS3-PLATEKIT.
*** Use CWHD-48W and CWHP-48W to daisy chain. Maximum Luminaire length is 40 feet (10 pc. of 4ft fixture or 5 pc. of 8ft fixture)

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LS3 Linear Strip - Control Ready Series

Wattage & Color Selectable

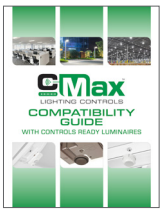
c-Max Controls Microsites and Compatibility Guide

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		
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		
112429	NN-RTW-CA	CASAMBI NETWORK NODE RECTANGULAR, 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

**** Maxlite recommends the use of CN-RTPSW for almost all applications instead of CN-RTMST. Cannot use sensor cap with CN-RTMST

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LS3 Linear Strip - Control Ready Series

Wattage & Color Selectable

Specifications

	LS3-2U15WCSCR			LS3-4U23WCSCR		
Size	2 ft			4 ft		
Nominal Wattage* (W)	15W	20W	25W	23W	34W	47W
Lumens Delivered* (lm)	2040, 2190, 2085	2800, 3080, 2940	3350, 3600, 3420	3330, 3560, 3380	4690, 5030, 4760	6110, 6580, 6200
Lumens Delivered at BBU mode (lm)	N/A			1200 lm (EM suffix), 1000 lm (E2 suffix)		
Nominal Efficacy* (lm/W)	136, 146, 139	144, 154, 147	134, 144, 137	145, 155, 147	138, 148, 140	130, 140, 132
CCT*	3500K, 4000K, 5000K					
CRI	≥ 80					
Calculated L70 Lumen Maintenance	≥ 100,000 hours					
Dimming Technology	0-10V					
Dimming Range	10-100%					
Input Voltage	120-277V AC					
Power Factor	≥ 0.9					
Housing	Steel Sheet					
Diffuser	PMMA Oval					
Surge Protection	2.5KV					
Humidity	10-85% RH, non-condensing					
Operating Temperature	-4°F to 122°F (-20°C to 50°C)			-4°F to 122°F (-20°C to 50°F), except for EM models. EM models: 32°F to 122°F (0°C to 50°C)		
Certifications	cULus listed, FCC, Rohs Complaint					
Qualifications	DLC Standard for Primary Use Designation: Direct Linear Ambient Luminaires DLC Premium for Primary Use Designation: Stairwell and Passageway Luminaires			DLC Standard for Primary Use Designation: Direct Linear Ambient Luminaires DLC Standard for Primary Use Designation: Low-Bay Luminaires for Commercial and Industrial Buildings DLC Premium for Primary Use Designation: Stairwell and Passageway Luminaires		
Material Usage	RoHS Compliant; No Mercury					
Environment	Damp locations					
Warranty	10 years. Check maxlite.com/warranties for details.					

Fixtures are set to lowest wattage and 4000K as default factory setting

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MaxLite®

LS3 Linear Strip - Control Ready Series

Wattage & Color Selectable

Specifications

	LS3-8U45WCSCRTA			LS3-8U65WCSCR		
Size	8 ft					
Nominal Wattage* (W)	45W	55W	65W	65W	75W	90W
Lumens Delivered* (lm)	6345, 6795, 6435	7425, 7975, 7535	8450, 9100, 8580	9230, 9880, 9360	10500, 11250, 10570	11970, 12870, 12150
Lumens Delivered at BBU mode (lm)	1200lm (EM suffix), 1000lm (E2 suffix)					
Nominal Efficacy* (lm/W)	141, 151, 143	135, 145, 137	130, 140, 132	142, 152, 144	140, 150, 141	133, 143, 135
CCT*	3500K, 4000K, 5000K					
CRI	≥ 80					
Calculated L70 Lumen Maintenance	≥ 100,000 hours					
Dimming Technology	0-10V					
Dimming Range	10-100%					
Input Voltage	120-277V AC					
Power Factor	≥ 0.9					
Housing	Steel Sheet					
Diffuser	PMMA Oval					
Surge Protection	2.5KV					
Humidity	10-85% RH, non-condensing					
Operating Temperature	-4°F to 122°F (-20°C to 50°F), except for EM models. EM models: 32°F to 122°F (0°C to 50°C)					
Certifications	cULus listed, FCC, Rohs Complaint					
Qualifications	DLC Standard for Primary Use Designation: Direct Linear Ambient Luminaires DLC Standard for Primary Use Designation: Low-Bay Luminaires for Commercial and Industrial Buildings DLC Premium for Primary Use Designation: Stairwell and Passageway Luminaires			DLC Standard for Primary Use Designation: Direct Linear Ambient Luminaires DLC Standard for Primary Use Designation: High-Bay Luminaires for Commercial and Industrial Buildings DLC Premium for Primary Use Designation: Stairwell and Passageway Luminaires		
Material Usage	RoHS Compliant; No Mercury					
Environment	Damp locations					
Warranty	10 years. Check maxlite.com/warranties for details.					

FCC Statement

This device complies with part 15 of the FCC Rules, operation is subject to the following two conditions:
(1) This device may not cause harmful interference and (2) this device must accept any interference that may cause undesired operation.

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