

PROJECT NAME: _____ CAT. #: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

LS3 Linear Strip - Control Ready Series

Wattage & Color Selectable



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 a minimum of 1000 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.

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"		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.



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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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

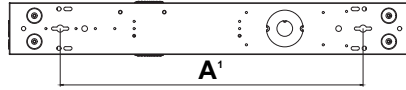
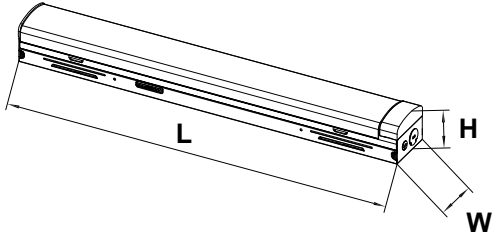
TAA Stocked Items

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
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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DIMENSIONS



PRODUCT	A (L)	A'	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		

Sensor

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



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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 KIT FOR LS2 AND LSS	
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	
105890	CN-RTPSW****	CONTROL NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE	
c-Max Network			
105892	NN-RTW	NETWORK NODE RECTANGULAR, WHITE	
109111	WNS3-W	WALL NETWORK SWITCH (BLUETOOTH) WHITE	
108392	WNS5-W	WALL NETWORK SWITCH (BLUETOOTH) WHITE	
106059	NN-RTPSW	NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE	
106318	NPP-300W	120-277V NETWORK POWER PACK 300W MAX	

* 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 LS2-PLATEKIT.

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

**** 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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Specifications

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			1200lm (EM suffix), 1000lm (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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Specifications

LS3-8U65WCSCR			
Size	8 ft		
Nominal Wattage* (W)	65W	75W	90W
Lumens Delivered* (lm)	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)	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°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		
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

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.