

MLVT ArcMax Troffer Control Ready Series *Wattage and Color Selectable*

Product Description:

ArcMAX™ Lay-In LED panels are the eye-pleasing and energy-efficient replacement for fluorescent troffers in new or remodel construction. CCT and wattage selectable technology enables customers to choose the color temperature and lumen output that is best suited for their lighting application. The panel's high-performance optic system delivers beautifully even light with excellent color rendering and low glare, while its architectural design features make it the perfect complement to office, education, health care, hospitality and retail interiors.

Features:

- Fixed Wattage and Wattage Selectable Available
- CCT Selectable
- Controls Ready – can be paired with the new cMax controls nodes
- CCT Selectable: 3500K, 4000K, 5000K
- Life Hours: 100,000 Hrs
- On EM mode, the fixture output a minimum of 700 lumens for 90 minutes, when fully charged
- 0-10V Dimming

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.



Order Structure

FAMILY	SIZE	DIMMING	WATTAGE SELECTABLE	CCT SELECTABLE	CONTROLS READY	BATTERY BACK-UP OPTIONS
MLVT= Volumetric Troffer	14= 1'x4'	D= Dimmable	16W= 16W, 20W, 30W	CS= CCT Selectable 3500K, 4000K, 5000K	CR= Controls Ready	[BLANK]= None EM= Emergency Backup Unit
	22= 2'x2'		20W= 20W, 30W, 40W			
	24= 2'x4'		30W= 30W, 40W, 50W			
	SIZE		WATTAGE			
	14= 1'x4'		16= 16W ³			
	22= 2'x2'		20= 20W ³			
24= 2'x4'	30= 30W ³					

NOTES:

1. EM mode, fixture will function only at 5000K CCT
2. Default setting are set to lowest wattage and at 4000K.
3. Fixed wattage fixtures are assembly items and may need additional lead time

Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID#
105610	MLVT14D16WCSCR	PW90QE90
105639	MLVT22D20WCSCR	P055E8J7
105647	MLVT24D30WCSCR	PSA4KGST



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
104817	ML14G4FK	Gen 4 1x4' Flat Panel Flange Kit	
104819	ML22G4FK	Gen 4 2x2' Flat Panel Flange Kit	
104820	ML24G4FK	Gen 4 2x4' Flat Panel Flange Kit	
104816	MLG4CHK	Gen 4 Cable Hanging Kit For 1x4 & 2x2 Flat Panel	
104848	ML24G4CHK	Gen 4 Cable Hanging Kit For 2x4 Flat Panel - 6 Cables	
104883	MLVT14SMK ¹	ArcMax 1X4 Troffer Surface Mount Kit L = 48" X W = 12" X H = 2.6"	
104884	MLVT22SMK ¹	ArcMax 2X2 Troffer Surface Mount Kit L = 24" X W = 24" X H = 2.6"	
104885	MLVT24SMK ¹	ArcMax 2X4 Troffer Surface Mount Kit L = 48" X W = 24" X H = 2.6"	

¹SMK is not compatible with EM models

c-Max Basic

105567	CN-REMOTE	Control Node Remote Control	
105564	CN-RTMST	Photocell Node Rectangular, PC, Translucent	
105890	CN-RTPSW	Control Node Rectangular, PIR Motion Sensor/Daylight Harvesting, White	

*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.

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	
108392	WNS5-W	5 Button Wall Network Switch (Bluetooth) White	
106318	NPP-300W	120-277V Network Power Pack 300W Max	



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Sensor

SENSOR	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	QR CODE
CN-RTMST	Microwave, Photoelectric	Bi-Level	N/A	Yes	
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-RTDHW	Photoelectric & Bluetooth networking	N/A	Continuous Adjustment Mode (CAM)	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)	

Specifications

Specifications	MLVT14D16WCSCR			MLVT14D16CS
	16W*	20W	30W	16W
Size	1'X4'			
Power Consumption	16W*	20W	30W	16W
Lumens Delivered	1968/2000*/2000 lm	2460/2500/2500 lm	3690/3750/3750 lm	1978
Efficacy	123/125*/125	123/125/125	123/125/125	124 lm/w
Color Temperature (K)	3500K, 4000K*, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K
CRI	≥80			
L70 Lumen maintenance	≥100,000 Hrs			
Power Factor	>0.9			
Input Voltage	120-277V, 50/60 Hz			
Mounting	Surface mount, Flange mount and Aircraft cables			
Operating Temperature	-4°F to 104°F (-20°C to 40°C)			
Humidity	10% to 80% RH non-condensing			
Certification	cULus Listed, FCC			
Qualifications	DLC Premium			
Material Usage	RoHS Compliant; No Mercury			
Environment	Damp/Dry Location, IC Rated			
Warranty	10 Years warranty			

*Factory default wattage/CCT is 16W/4000K



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Specifications

Specifications	MLVT22D20WCSCR			MLVT22D20CS
	20W*	30W	40W	20W
Size	2'X2'			
Power Consumption	20W*	30W	40W	20W
Lumens Delivered	2460/2500*/2500 lm	3690/3750/3750 lm	4920/5000/5000 lm	2554
Efficacy	123/125*/125	123/125/125	123/125/125	126 lm/w
Color Temperature (K)	3500K, 4000K*, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K
CRI	≥80			
L70 Lumen maintenance	≥100,000 Hrs			
Power Factor	>0.9			
Input Voltage	120-277V, 50/60 Hz			
Mounting	Surface mount, Flange mount and Aircraft cables			
Operating Temperature	-4°F to 104°F (-20°C to 40°C)			
Humidity	10% to 80% RH non-condensing			
Certification	cULus Listed, FCC			
Qualifications	DLC Premium			
Material Usage	RoHS Compliant; No Mercury			
Environment	Damp/Dry Location, IC Rated			
Warranty	10 Years warranty			

*Factory default wattage/CCT is 20W/4000K

Specifications

Specifications	MLVT24D30WCSCR			MLVT24D30CS
	30W*	40W	50W	30W
Size	2'X4'			
Power Consumption	30W*	40W	50W	30W
Lumens Delivered	3690/3750*/3750 lm	4920/5000/5000 lm	6150/6250/6250 lm	3756
Efficacy	123/125*/125	123/125/125	123/125/125	126
Color Temperature (K)	3500K, 4000K*, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K	3500K, 4000K, 5000K
CRI	≥80			
L70 Lumen maintenance	≥100,000 Hrs			
Power Factor	>0.9			
Input Voltage	120-277V, 50/60 Hz			
Mounting	Surface mount, Flange mount and Aircraft cables			
Operating Temperature	-4°F to 104°F (-20°C to 40°C)			
Humidity	10% to 80% RH non-condensing			
Certification	cULus Listed, FCC			
Qualifications	DLC Premium			
Material Usage	RoHS Compliant; No Mercury			
Environment	Damp/Dry Location, IC Rated			
Warranty	10 Years warranty			

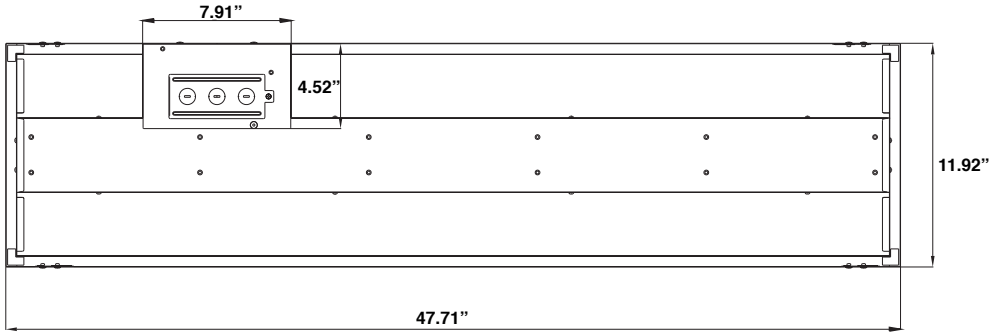
*Factory default wattage/CCT is 30W/4000K



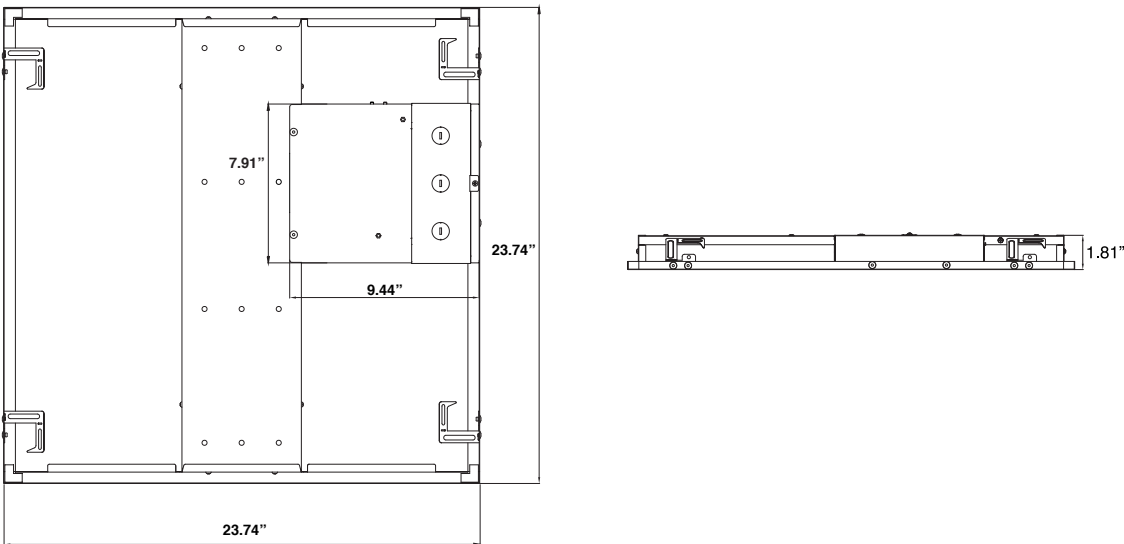
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Dimensions

1X4'



2X2'



2X4'

