

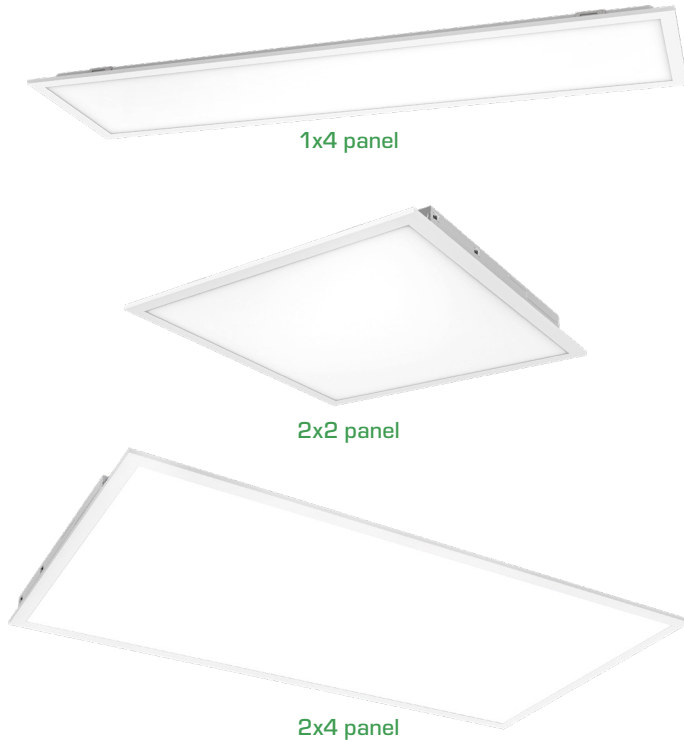
PROJECT NAME: _____

CAT. #: _____

NOTES: _____

FIXTURE SCHEDULE: _____

MLFP Value Flat Panels V2

MLFPV2 Series


Product Description

MaxLite's Next Generation Value Panels (V2) are designed to lay in drop ceilings in offices, schools, and healthcare applications. Offering up to 120 LPW, these panels produce highly efficient, uniform illumination, and offer the versatility of field-selectable color temperatures and wattages to suit various application needs. Fully dimmable (10-100%), Maxlite Value panels deliver all the benefits of LED technology, including a long life with high lumen maintenance, reduced energy consumption and lower maintenance costs. Available in 1x4, 2x2 and 2x4 sizes as a single and 2 pack options, this offers tremendous value for projects as well as stocking distributors.

Features

- Up to 120 Lumens per Watt
- Available in 1x4, 2x2 and 2x4 sizes
- Each fixture offers 3 CCT and 3 Wattage options
- Fixtures are set to lowest wattage and 4000K as default factory setting
- 0-10V Dimmable (10% to 100%)
- Voltage: 120-277V
- Factory Installed Battery Back Up EM mode option available

Order Structure

FAMILY	SIZE	PANEL TYPE	WATTAGE SELECTABLE ¹	CCT SELECTABLE ¹	BBU OPTIONS ^{2,3}	PACKAGING	SOURCING STRATEGY
MLFP= Flat Panel	14= 1'x4'	V2= Value Series	20W= 20/30/40W	CS= CCT Selectable: 3500K/4000K/ 5000K	BLANK= None EM= Factory Installed Battery Back Up	BLANK= Single Pack /2P= 2 Pack	TA= TAA Country
	22= 2'x2'		20W= 20/30/40W				
	24= 2'x4'		30W= 30/40/50W				

NOTES:

1. Default setting for WCS models is set to lowest wattage and 4000K.
2. Battery back up models are available only in Single Pack configuration. On EM mode, the fixture CCT will be set to 5000K
3. Check the Specification Table for lumen output for EM suffix.

TAA Stocked items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID#	DLC CLASSIFICATION	DLC PRIMARY USE
114055	MLFP14V220WCSTA	S-RQC9HQ	Standard	1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
114056	MLFP14V220WCS/2PTA	S-RQC9HQ		
114057	MLFP14V220WCSEMTA	S-RQC9HQ		
114058	MLFP22V220WCSTA	S-1B2Y3G		2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
114059	MLFP22V220WCS/2PTA	S-1B2Y3G		
114060	MLFP22V220WCSEMTA	S-1B2Y3G		
114061	MLFP24V230WCSTA	S-L81VWF		2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
114062	MLFP24V230WCS/2PTA	S-L81VWF		
114063	MLFP24V230WCSEMTA	S-L81VWF		

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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	
104883	MLVT14SMK	ARCMAX 1X4 TROFFER SURFACE MOUNT KIT (48.00" L X 12.00" W X, 2.60" H)	
104813	ML22G4SMK	GEN 4, 2X2 FLAT PANEL, SURFACE MOUNT KIT (23.85" L X 24.97" W X 3.70" H)	
104814	ML24G4SMK	GEN 4, 2X4 FLAT PANEL, SURFACE MOUNT KIT (47.87" L X 24.97" W X 3.70" H)	
104816	MLG4CHK	GEN 4 CABLE HANGING KIT FOR 1X4 2X2 FLAT PANEL - 4 CABLES	
104848	ML24G4CHK	GEN 4, CABLE HANGING KIT FOR 2X4 FLAT PANEL - 6 CABLES	
114071	ML24V2BBUBRACKETTA	FLAT PANEL 1X4, 2X2, 2X4, VALUE GEN 2, BBU BRACKET FOR FIELD INSTALL BBU TAA	
112342	ML90DCONNECT	90 DEGREE CONNECTOR FOR FIELD INSTALL BBU INSTALLATION FOR PANELS	
108566	EBUUP17015N200B	EMERGENCY BATTERY BACK UP INVERTER, 15W, 120-347VAC, CEC COMPLIANT, FIELD INSTALLABLE, 41°-122°F AMBIENT, TAA	

** For Field Install BBU option, purchase BBU model# EBUUP17015N200B along with the mounting bracket ML24V2BBUBRACKETTA. Lumens delivered at BBU mode varies based on wattage and CCT setting.

Lumens Delivered at field install BBU mode (lm): 1,940 lm - for 90 minutes, when fully charged

*** If installing the MLxxxxSMK with Field install BBU option, purchase 90 degree connector model number ML90DCONNECT.



MLFP Value Flat Panels V2

MLFPV2 Series

Specifications

	MLFP14V220WCSTA	MLFP22V220WCSTA	MLFP24V230WCSTA
Size	1' x 4'	2' x 2'	2' x 4'
Nominal Wattage (W)	Wattage Selectable: 20W, 30W, 40W	Wattage Selectable: 20W, 30W, 40W	Wattage Selectable: 30W, 40W, 50W
Lumens Delivered (lm)	2,400, 3,600, 4,800 lm	2,400, 3,600, 4,800 lm	3,600, 4,800, 6,000 lm
Nominal Efficacy (lm/W)	120 lm/W		
Lumens delivered at BBU mode (lm)	1180lm - for 90 minutes, when fully charged		
Color Temperature (K)	CCT Selectable: 3500K, 4000K, 5000K		
CRI	≥80		
Calculated L70 Lumen Maintenance	100,000 hours		
Beam Angle	116°	114°	116°
Dimming Technology	0-10V		
Dimming Range	10-100%		
Input Voltage	120-277V AC		
Input Frequency	50/60 Hz		
Surge Protection	2.5kV Ring Wave		
Power Factor	≥0.9		
Housing	Metal Frame & Steel Back Housing		
Diffuser	Polystyrene Lens		
Finish	White		
Operating Temperature	-4°F to +122°F (-20°C to +50°C) BBU Models: 41°F to +122°F (5°C to +50°C)		
Humidity	Damp location, 10-85% RH, non-condensing		
Qualifications	DLC Standard		
Certifications	ETL, RoHS, FCC		
Environment	Damp Locations		
Warranty	5 Years. Check maxlite.com/warranties for details.		
Product Weight	4.30 lbs	3.97 lbs	7.39 lbs

* Default setting for WCS models is set to lowest wattage and 4000K.

** Lumens delivered at BBU mode varies based on wattage and CCT 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 received, including interference that may cause undesired operation.

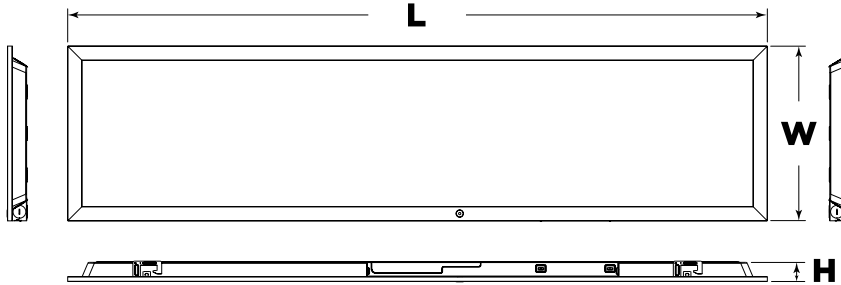
MLFP Value Flat Panels V2

MLFPV2 Series

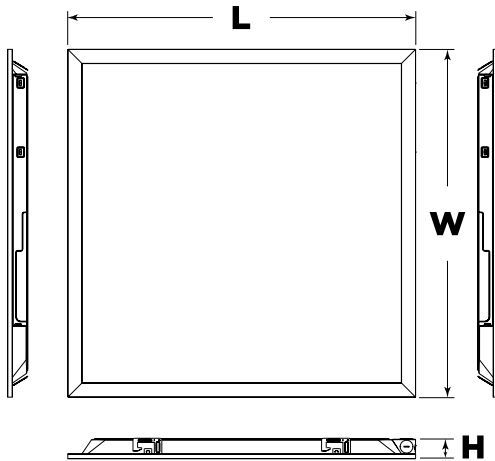
Dimensions

PRODUCT	LENGTH L	WIDTH W	HEIGHT H	HEIGHT W/ EM ADDED	HEIGHT W/ FIELD INSTALLED BBU
MLFP14V220WCSTA	47.76 in	11.93 in	1.34 in	1.34 in	2.80 in
MLFP22V220WCSTA	23.74 in	23.74 in	1.38 in	1.38 in	2.80 in
MLFP24V230WCSTA	47.76 in	23.74 in	1.42 in	1.42 in	2.80 in

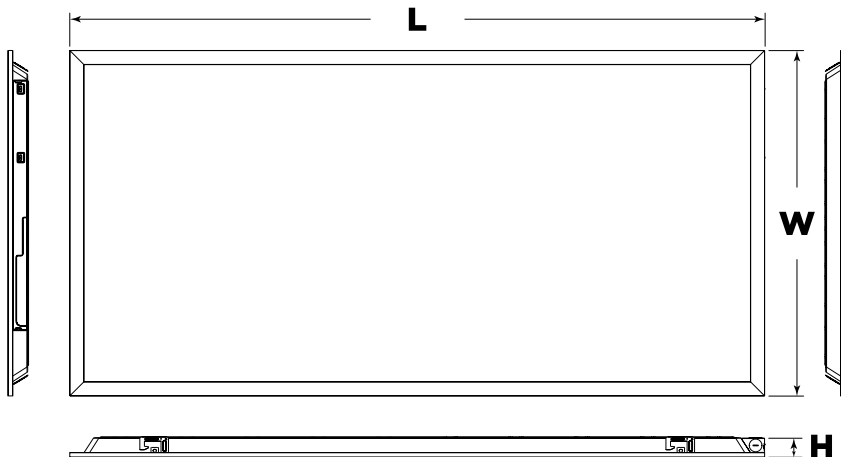
1X4'



2X2'



2X4'



MLFP Value Flat Panels V2

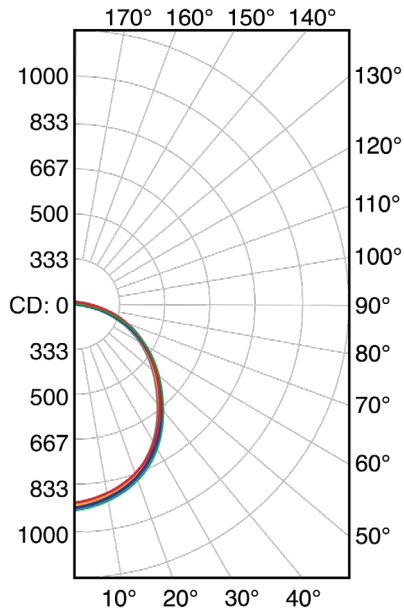
MLFPV2 Series

Polar Candela Distribution

MLFP14V220WCS

1x4 at 20 Watts, 4000K

Polar Candela Distribution



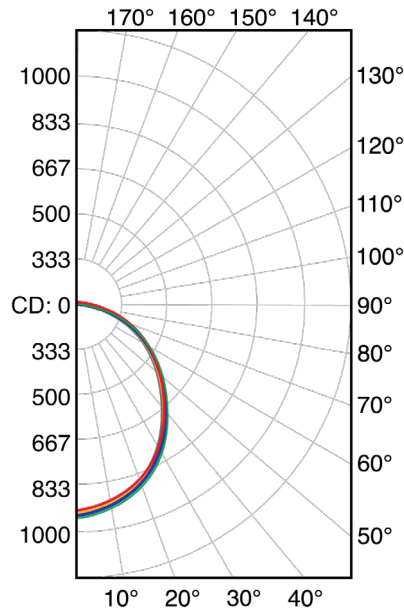
■ Max. Cd
■ 0° H
■ 90° H
■ 22.5° H
■ 45° H
■ 67.5° H

CP SUMMARY	
ANGLE	CANDELA
0°	898
5°	902
15°	888
25°	847
35°	772
45°	666
55°	529
65°	370
75°	204
85°	58
90°	3
95°	1

MLFP22V220WCS

2x2 at 20 Watts, 4000K

Polar Candela Distribution



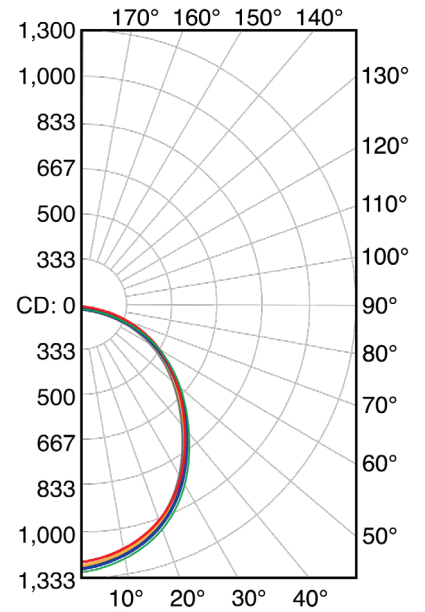
■ Max. Cd
■ 0° H
■ 90° H
■ 22.5° H
■ 45° H
■ 67.5° H

CP SUMMARY	
ANGLE	CANDELA
0°	927
5°	924
15°	895
25°	836
35°	750
45°	638
55°	504
65°	355
75°	199
85°	60
90°	5
95°	1

MLFP24V220WCS

2x4 at 30 Watts, 4000K

Polar Candela Distribution



■ Max. Cd
■ 0° H
■ 90° H
■ 22.5° H
■ 45° H
■ 67.5° H

CP SUMMARY	
ANGLE	CANDELA
0°	1316
5°	1325
15°	1307
25°	1248
35°	1143
45°	990
55°	795
65°	563
75°	315
85°	93
90°	14
95°	2