

ArcMAX SB SERIES



MLVT14D



MLVT22D



MLVT24D



PRODUCT DESCRIPTION:

The MaxLite ArcMAX™ Lay-In LED panels are LED replacements for fluorescent troffers in new or remodel construction. MaxLite's performance optic system, advanced light distribution and architectural styling delivers unprecedented value. High efficacy, excellent color rendering, and low glare combined with a sustainable construction positions these fixtures as ideal solutions for offices, schools, hospitals, retail, and other applications.

FEATURES:

- 36W & 45W
- Available in 3500K, 4000K
- 50,000 Hr. life
- Dimming: 0-10V standard
- CRI: ≥80
- Controlled brightness optic eliminates pixelation
- LM-79 test data available
- Available in 1'x4', 2'x2', and 2'x4'
- Five year limited warranty

CONSTRUCTION:

- Steel housing and reflectors
- Angled interior end caps with powder coat finish
- PC reflector end caps
- Polycarbonate milky white diffuser cover
- External driver housing with rear access

MODEL SELECTION (Full list of order codes on pg. 2)

Typical order example: MLVT22D3635/SB

MLVT				SB	
FAMILY	SIZE	WATTAGE (NOMINAL)	CCT	VERSION	OPTIONS
MLVT= Volumetric Troffer	14D= 1' x 4' Dimmable 22D= 2' x 2' Dimmable 24D= 2' x 4' Dimmable	40= 36W 36= 36W 45= 45W	35= 3500K 40= 4000K	SB= Single Basket Version	(OMIT)= None EM= Emergency Battery Backup MS= Bi-Level Motion Sensor with Daylight Harvesting and Remote Control Capability

NOTES:

1. In the event of a power failure, the battery backup units switch to emergency mode and operates the fixture for a minimum of 90 minutes

SPECIFICATIONS:

		MLVT14D 4035/SB	MLVT14D 4040/SB
ITEM	SPECIFICATION		
GENERAL PERFORMANCE	Power (W)	36W	36W
	Lumens (lm)	3,780	3,960
	Efficacy (lm/W)	105	110
	CRI	≥80	
	Color Temperature (K)	3500K, 4000K	
	Spacing Criteria	Available Upon Request	
	Color Consistency	Proprietary binning for uniform color	
	L70 Lifetime (hours)	50,000 Hrs.	
ELECTRICAL	Power Factor	0.9	
	Input Voltage	120-277V	
PHYSICAL	Housing	Steel/PC	
	Lens	Translucent White Polycarbonate	
	Mounting	T-Grid Lay-in / Flange Kit / Surface Mount	
	Operating Temperature	-4°F to 104°F	
	Humidity	20-85% RH, non-condensing	
CERTIFICATION	Certification	cULus Listed, DLC, FCC	
	Material Usage	RoHS compliant; no mercury	
	Environment	Damp listed	
	Warranty	5 years	

SPECIFICATIONS:

		MLVT22D 3635/SB	MLVT22D 3640/SB
ITEM	SPECIFICATION		
GENERAL PERFORMANCE	Power (W)	36W	36W
	Lumens (lm)	3,672	3,888
	Efficacy (lm/W)	102	108
	CRI	≥80	
	Color Temperature (K)	3500K, 4000K	
	Spacing Criteria	Available Upon Request	
	Color Consistency	Proprietary binning for uniform color	
	L70 Lifetime (hours)	50,000 Hrs.	
ELECTRICAL	Power Factor	0.9	
	Input Voltage	120-277V	
PHYSICAL	Housing	Steel/PC	
	Lens	Translucent White Polycarbonate	
	Mounting	T-Grid Lay-in / Flange Kit / Surface Mount	
	Operating Temperature	-4°F to 104°F	
	Humidity	20-85% RH, non-condensing	
CERTIFICATION	Certification	cULus Listed, DLC, FCC	
	Material Usage	RoHS compliant; no mercury	
	Environment	Damp listed	
	Warranty	5 years	

SPECIFICATIONS:

		MLVT24D 4535/SB	MLVT24D 4540/SB
ITEM	SPECIFICATION		
GENERAL PERFORMANCE	Power (W)	45W	45W
	Lumens (lm)	4,725	5,040
	Efficacy (lm/W)	105	112
	CRI	≥80	
	Color Temperature (K)	3500K, 4000K	
	Spacing Criteria	Available Upon Request	
	Color Consistency	Proprietary binning for uniform color	
	L70 Lifetime (hours)	50,000 Hrs.	
ELECTRICAL	Power Factor	0.9	
	Input Voltage	120-277V	
PHYSICAL	Housing	Steel/PC	
	Lens	Translucent White Polycarbonate	
	Mounting	T-Grid Lay-in / Flange Kit / Surface Mount	
	Operating Temperature	-4°F to 104°F	
	Humidity	20-85% RH, non-condensing	
CERTIFICATION	Certification	cULus Listed, DLC, FCC	
	Material Usage	RoHS compliant; no mercury	
	Environment	Damp listed	
	Warranty	5 years	

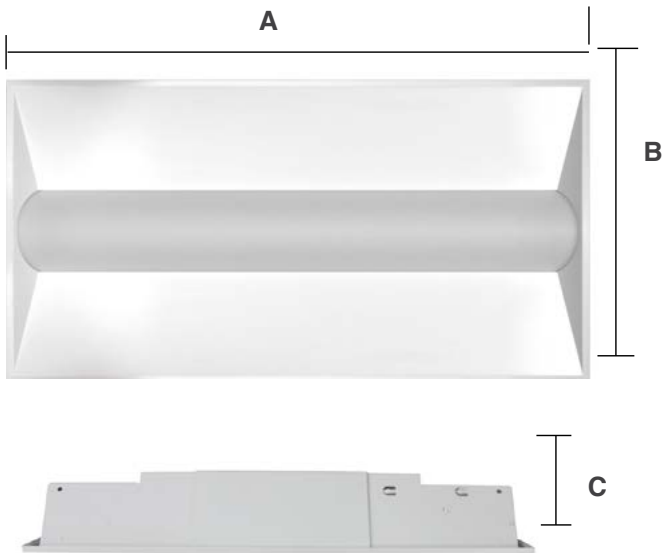
ACCESSORIES

MODEL NUMBER	ORDER CODE	DESCRIPTION
MLSMKRT22D	71885	2X2 SURFACE MOUNT KIT
MLSMKRT24D	71884	2X4 SURFACE MOUNT KIT
MLFPPK1X4-215	99968	1X4 FLANGE KIT
MLFPPK2X2-215	99969	2X2 FLANGE KIT
MLFPPK2X4-215	99970	2X4 FLANGE KIT

ORDERING:

ORDER CODE	MODEL NUMBER	WATTAGE	CCT
1409940	MLVT14D4035/SB	36W	3500K
1409942	MLVT14D4035/SBEM		
100175	MLVT14D4035/SBMS		
1409941	MLVT14D4040/SB		4000K
1409943	MLVT14D4040/SBEM		
100176	MLVT14D4040/SBMS		
108140	MLVT22D3635/SB	36W	3500K
1409206	MLVT22D3635/SBEM		
100177	MLVT22D3635/SBMS		
108141	MLVT22D3640/SB		4000K
1409207	MLVT22D3640/SBEM		
100178	MLVT22D3640/SBMS		
108142	MLVT24D4535/SB	45W	3500K
1409204	MLVT24D4535/SBEM		
100179	MLVT24D4535/SBMS		
108143	MLVT24D4540/SB		4000K
1409205	MLVT24D4540/SBEM		
100621	MLVT24D4540/SBMS		

DIMENSIONS:



PRODUCT	A	B	C
1x4	47.7"	11.9"	5.4"
2x2	23.7"	23.7"	3.54"
2x4	47.2"	23.7"	3.54"