

ArcMAX™ LAY-IN LED PANEL

2'x2' and 1'x4'



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.

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE

FEATURES:

- Watts: 42 nominal
- Avail. color temps: 3500, 4100 and 5000K
- 50,000 hr. life
- Dimming: 0-10V standard
- Warranty: five year limited
- CRI: >82
- Controlled brightness optic eliminates pixelation
- LM-79 test data available
- Also available in 2'x4'



CONTROL:

- Steel housing and reflectors
- Angled interior end caps for volumetric projection
- ABS reflector end caps
- Polycarbonate milky white diffuser cover
- External driver housing with rear access
- "Stab and lock" installation BUS
- Link up to nine fixtures of the same size

LUMINAIRE ORDERING INFORMATION:

WATTS (Nominal)	ORDER CODE	MODEL	DELIVERED LUMENS	LIFE (Hrs)	DIMENSIONS (W" X L" X H")	CCT
42	72199	MLVT22D4235	3400*	50,000	23.7 X 23.7 X 3.5	3500
42	72198	MLVT22D4241	3640**	50,000	23.7 X 23.7 X 3.5	4100
42	72197	MLVT22D4250	3750*	50,000	23.7 X 23.7 X 3.5	5000
42	72196	MLVT14D4235	3400*	50,000	11.8 X 47.7 X 4.0	3500
42	72195	MLVT14D4241	3640*	50,000	11.8 X 47.7 X 4.0	4100
42	72194	MLVT14D4250	3750*	50,000	11.8 X 47.7 X 4.0	5000

MAX13070

*Performance output is preliminary; contact MaxLite for final data.

**DLC Compliant



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SPECIFICATIONS:

ITEM	SPECIFICATION	DETAILS – 2'X2'			DETAILS – 1'X4'		
General Performance	Spacing Criteria	Available upon request			Available upon request		
	Color Temperature (CCT)	3500	4100**	5000	3500	4100	5000
	Beam Angle	105 deg.			105 deg.		
	Lumens Delivered	3400*	3640**	3750*	3400*	3600*	3750*
	Efficacy (LM/W)	81	86	89	81	86	89
	Color Consistency	Proprietary binning for uniform color			Proprietary binning for uniform color		
	Lumen Maint. (L70)	50,000 hours			50,000 hours		
	Equivalency	42w replaces 3x18W fluorescent			42w replaces 2x36W fluorescent		
Electrical	Power Factor	Over 96%			Over 96%		
	Input Voltage	120V-277V 50/60 Hz			120V-277V 50/60 Hz		
	THD	6.50%			6.50%		
	Power Consumption	42 Watts, 750mA			42 Watts, 750mA		
Physical	Dimensions	23.7" x 23.7" x 3.5"			11.8" x 47.7" x 4.0"		
	Weight	8.5 lbs.			9.5 lbs.		
	Housing	Steel/ ABS			Steel/ ABS		
	Lens	Translucent white polycarbonate			Translucent white polycarbonate		
	Mounting	G & T-Grid Lay-in			G & T-Grid Lay-in		
	Operating Temperature	-30°F to 130°F			-30°F to 130°F		
	Humidity	20% - 85% RH, non condensing			20% - 85% RH, non condensing		
Certification	Certification	ETL, FCC, LM-79, LM-80			ETL, FCC, LM-79, LM-80		
	Material Usage	RoHS compliant; no mercury			RoHS compliant; no mercury		
	Environment	Indoor / dry / IP40			Indoor / dry / IP40		
	LED Class	L70 rated to 50,000 hours			L70 rated to 50,000 hours		
	Warranty	5 year			5 year		

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DIMENSIONS:

