

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:

- Available in 3500K, 4000K
- 50,000 Hr. life
- Dimming: 0-10V standard
- CRI: ≥80
- 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
- External driver housing with rear access



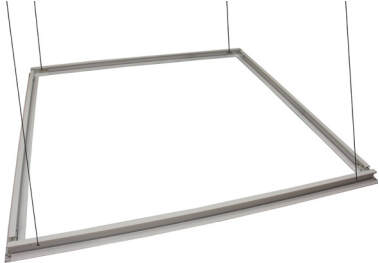
| MODEL SELECTION (Full list of order codes on pg. 2) | | | Typical order example: MLVT22D3635/SB | | |
|---|-----------------------|---------------------------------|---------------------------------------|---------------------------|---|
| MLVT | | | | SB | |
| FAMILY | SIZE | WATTAGE (NOMINAL) | CCT | VERSION | OPTIONS |
| MLVT= Volumetric Troffer | 14D= 1' x 4' Dimmable | 20= 20W ² 40= 36W | 35= 3500K 40= 4000K | SB= Single Basket Version | (OMIT)= None |
| | 22D= 2' x 2' Dimmable | 20= 20W ² 36= 36W | | | 'EM= Emergency Battery Backup |
| | 24D= 2' x 4' Dimmable | 30= 30W ² 45= 45W | | | 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
2. 1x4 20W, 2x2 20W and 2x4 30W are DLC Premium qualified

SPECIFICATIONS:

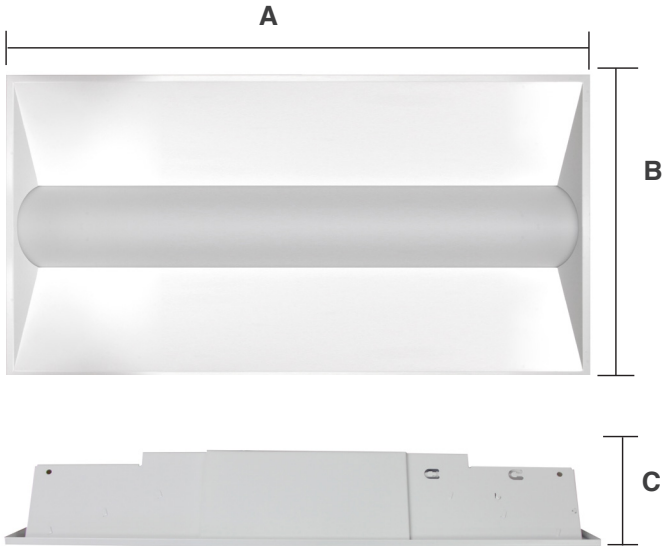
| | | MLVT14D 2035/SB | MLVT14D 4035/SB | MLVT22D 2035/SB | MLVT22D 3635/SB | MLVT24D 3035/SB | MLVT24D 4535/SB |
|---------------------|-----------------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| ITEM | SPECIFICATION | DETAILS | | | | | |
| GENERAL PERFORMANCE | Power (W) | 20W | 36W | 20W | 36W | 30W | 45W |
| | Lumens (lm) | 2,540 lm | 3,780 lm | 2,540 lm | 3,672 lm | 3,810 lm | 4,725 lm |
| | Efficacy (lm/W) | 127 lm/W | 105 lm/W | 127 lm/W | 102 lm/W | 127 lm/W | 105 lm/W |
| | CRI | ≥80 | | | | | |
| | Color Temperature (K) | 3500K, 4000K | | | | | |
| | 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 | | | | | |
| | Mounting | T-Grid Lay-in / Flange Kit / Surface Mount | | | | | |
| | Operating Temperature | -4°F to 104°F | | | | | |
| | Humidity | 20-85% RH, non-condensing | | | | | |
| CERTIFICATION | Certification | ETL Listed, DLC*, FCC | | | | | |
| | Material Usage | RoHS compliant; no mercury | | | | | |
| | Environment | Damp listed | | | | | |
| | Warranty | 5 years | | | | | |

| ACCESSORIES | | | |
|---------------|------------|-----------------------|---|
| MODEL NUMBER | ORDER CODE | DESCRIPTION | IMAGE |
| 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 |
|------------|------------------|---------|-------|
| 14099894 | MLVT14D2035/SB | 20W | 3500K |
| 14099895 | MLVT14D2035/SBMS | | |
| 14099896 | MLVT14D2035/SBEM | | |
| 14099897 | MLVT14D2040/SB | | 4000K |
| 14099898 | MLVT14D2040/SBMS | | |
| 14099899 | MLVT14D2040/SBEM | | |
| 1409940 | MLVT14D4035/SB | 36W | 3500K |
| 1409942 | MLVT14D4035/SBEM | | |
| 100175 | MLVT14D4035/SBMS | | |
| 1409941 | MLVT14D4040/SB | | 4000K |
| 1409943 | MLVT14D4040/SBEM | | |
| 100176 | MLVT14D4040/SBMS | | |
| 14099882 | MLVT22D2035/SB | 20W | 3500K |
| 14099883 | MLVT22D2035/SBMS | | |
| 14099884 | MLVT22D2035/SBEM | | |
| 14099885 | MLVT22D2040/SB | | 4000K |
| 14099886 | MLVT22D2040/SBMS | | |
| 14099887 | MLVT22D2040/SBEM | | |
| 108140 | MLVT22D3635/SB | 36W | 3500K |
| 1409206 | MLVT22D3635/SBEM | | |
| 100177 | MLVT22D3635/SBMS | | |
| 108141 | MLVT22D3640/SB | | 4000K |
| 1409207 | MLVT22D3640/SBEM | | |
| 100178 | MLVT22D3640/SBMS | | |
| 14099888 | MLVT24D3035/SB | 30W | 3500K |
| 14099889 | MLVT24D3035/SBMS | | |
| 14099890 | MLVT24D3035/SBEM | | |
| 14099891 | MLVT24D3040/SB | | 4000K |
| 14099892 | MLVT24D3040/SBMS | | |
| 14099893 | MLVT24D3040/SBEM | | |
| 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" |