



PROJECT NAME: \_\_\_\_\_ CAT. #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_ FIXTURE SCHEDULE: \_\_\_\_\_

# 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:

- Wattage and 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

### 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     | OPTIONS                                |
|--------------------------|-----------|-------------|--------------------|---|--------------------|--|
| MLVT= Volumetric Troffer | 14= 1'x4' | D= Dimmable | 16W= 16W, 20W, 30W | CS= CCT Selectable<br>3500K,4000K,5000K | CR= Controls Ready | BLANK= None<br>EM= Battery Backup Unit |
|                          | 22= 2'x2' |             | 20W= 20W, 30W, 40W |   |                    |  |
|                          | 24= 2'x4' |             | 30W= 30W, 40W, 50W |   |                    |  |

**NOTES:**

1. EM mode, fixture will function only at 5000K CCT
2. Default setting are set to lowest wattage and at 4000K.

### Stocked Items

| ORDER CODE | MODEL NUMBER   | DLC PRODUCT ID# |
|------------|----------------|-----------------|
| 105610     | MLVT14D16WCSCR | P4V86B7T        |
| 105639     | MLVT22D20WCSCR | PYWAJZSX        |
| 105647     | MLVT24D30WCSCR | PQEEXKWF        |









**10-year standard warranty with labor allowance** (further details available at [www.maxlite.com/warranties](http://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    | ArcMax 1X4 Troffer Surface Mount Kit<br>L= 48" X W= 12" X H= 2.6"      |   |
| 104884     | MLVT22SMK    | ArcMax 2X2 Troffer Surface Mount Kit<br>L= 24" X W= 24" X H= 2.6"      |  |
| 104885     | MLVT24SMK    | ArcMax 2X4 Troffer Surface Mount Kit<br>L= 48" X W= 24" X H= 2.6"      |  |
| 105567     | CN-REMOTE    | Control Node Remote Control  |  |
| 105564     | CN-RTMST     | Control Node Rectangular, Microwave Motion Sensor, Translucent         |  |
| 105890     | CN-RTPSW     | Control Node Rectangular, PIR Motion Sensor/Daylight Harvesting, White |  |

### 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            |  |



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

### Specifications

| Specifications        | MLVT14D16WCSCR   |                   |                   |
|-----------------------|--|-------------------|-------------------|
| Size                  | 1'X4'  |                   |                   |
| Power Consumption     | 16W  | 20W               | 30W               |
| Lumens Delivered      | 1968/2000/2000 lm                                      | 2460/2500/2500 lm | 3690/3750/3750 lm |
| Efficacy              | 123 lm/w for 3500K models / 125 lm/w for 4000K & 5000K |                   |                   |
| CRI                   | ≥80  |                   |                   |
| Color Temperature (K) | 3500K, 4000K, 5000K                                    |                   |                   |
| 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                                     |                   |                   |
| Warranty              | 10 Years warranty                                      |                   |                   |

### Specifications

| Specifications        | MLVT22D20WCSCR   |                   |                   |
|-----------------------|--|-------------------|-------------------|
| Size                  | 2'X2'  |                   |                   |
| Power Consumption     | 20W  | 30W               | 40W               |
| Lumens Delivered      | 2460/2500/2500 lm                                      | 3690/3750/3750 lm | 4920/5000/5000 lm |
| Efficacy              | 123 lm/w for 3500K models / 125 lm/w for 4000K & 5000K |                   |                   |
| CRI                   | ≥80  |                   |                   |
| Color Temperature (K) | 3500K, 4000K, 5000K                                    |                   |                   |
| 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                                     |                   |                   |
| Warranty              | 10 Years warranty                                      |                   |                   |



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

## Specifications

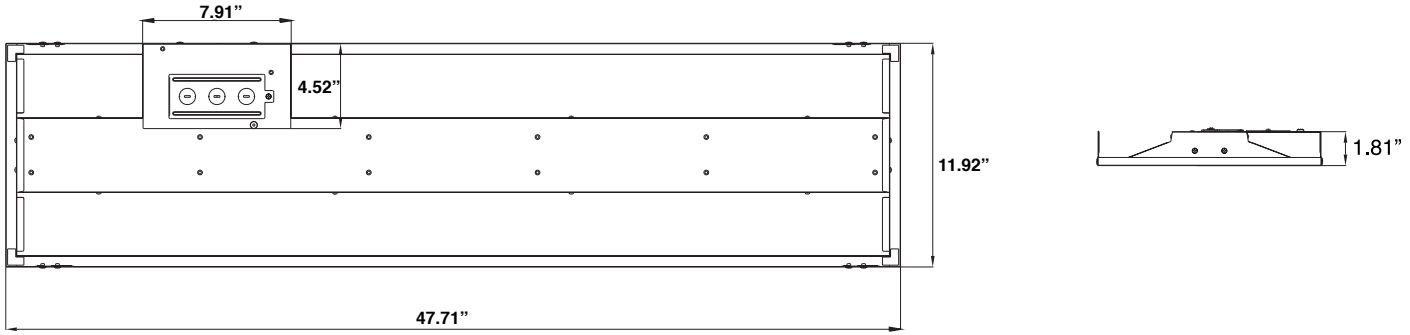
|                       | MLVT24D30WCSCR   |                   |                   |
|-----------------------|--|-------------------|-------------------|
| Size                  | 2'X4'  |                   |                   |
| Power Consumption     | 30W  | 40W               | 50W               |
| Lumens Delivered      | 3690/3750/3750 lm                                      | 4920/5000/5000 lm | 6150/6250/6250 lm |
| Efficacy              | 123 lm/w for 3500K models / 125 lm/w for 4000K & 5000K |                   |                   |
| CRI                   | ≥80  |                   |                   |
| Color Temperature (K) | 3500K, 4000K, 5000K                                    |                   |                   |
| 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                                     |                   |                   |
| Warranty              | 10 Years warranty                                      |                   |                   |



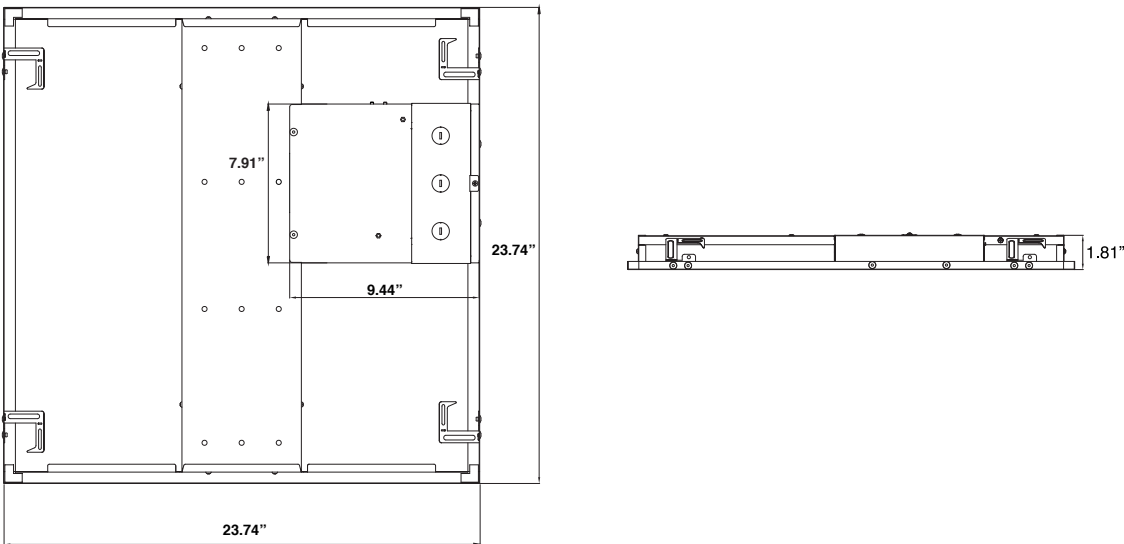
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## Dimensions

### 1X4'



### 2X2'



### 2X4'

