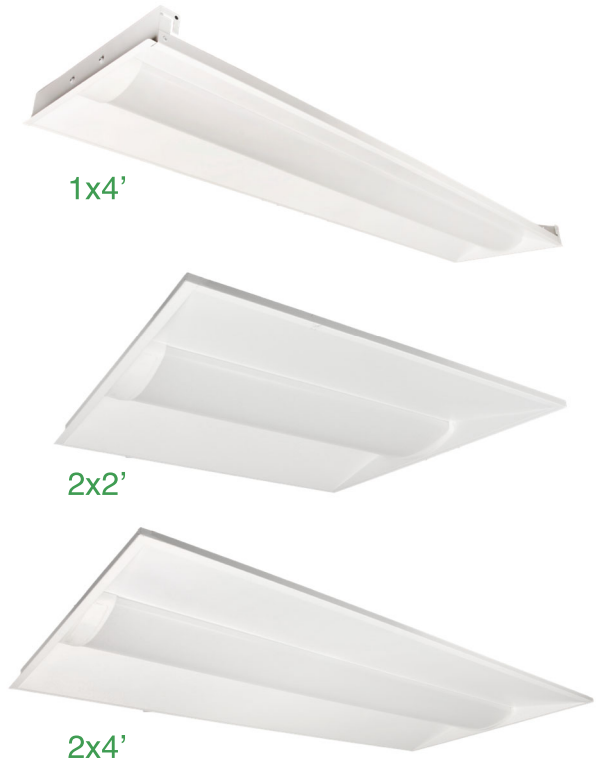


PROJECT NAME: _____ CAT. #: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

MLVT ArcMax Troffer Control Ready Series Wattage and Color Select



Product Description:

ArcMAX™ Lay-In LED troffers 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 troffer'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:

- Advanced "UniGlo" optics provides uniform brightness across the lens
- Fixed Wattage and Wattage Selectable Available
- Controls Ready – can be paired with the new cMax controls nodes
- CCT Selectable: 3500K, 4000K, 5000K
- Industry highest efficacy of 150 LPW
- On EM mode, the fixture output a minimum of 1050 lumens for 90 minutes, when fully charged
- 0-10V Dimming

Controls Features:

- Multifunction and Energy Monitoring
- Daylight Sensor
- Occupancy Sensor
- Integral Sensor Receptacle
- High-End Trim
- Bluetooth
- Luminaire Level Lighting Control (LLLC)

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.



Ordering Structure

| FAMILY | SIZE | DIMMABILITY | WATTAGE SELECTABLE | COLOR TEMPERATURE ¹ | CON-TROLS | OPTIONS ^{2,3} | PACKAGING | SOURCING STRATEGY |
|----------------------|-----------|-------------|--------------------|---|------------------|--|-------------------------------|---|
| MLVT= ArcMax Troffer | 14= 1'x4' | D= Dimmable | 13W= 13W, 20W, 26W | CS=Color Selectable (3500K, 4000K, 5000K) | CR=Control Ready | [BLANK]= None E2= Made to order Emergency Back Up EM= Emergency Battery Backup Unit | [BLANK]= None /2PK= 2 pack | [BLANK]= Non-TAA Country TA= TAA Country |
| | 22= 2'x2' | | 13W= 13W, 20W, 26W | | | | | |
| | 24= 2'x4' | | 22W= 22W, 28W, 34W | | | | | |
| | SIZE | FIXED | | | | | | |
| | 22= 2'x2' | 13=13W | | | | | | |
| | 24= 2'x4' | 19=19W | | | | | | |

¹ Default setting for WCS models is set to lowest wattage and 4000K. Default setting for CS models is set to 4000K.
² Battery back up models are available only in Single Pack configuration.
³ Check the Specification Table for lumen output for EM and E2 suffix.



10-year standard warranty with labor allowance (further details available at 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.



MLVT ArcMax Troffer Control Ready Series Wattage and Color Select

Accessories (SOLD SEPARATELY)

| ORDER CODE | MODEL NUMBER | DESCRIPTION | IMAGE |
|----------------------|-------------------------|--|-------|
| 110788 | MLVTP24SMK ¹ | ARCMAX 2X4 TROFFER SURFACE MOUNT KIT (L = 48.3inch, W = 24.3inch, H = 4.1inch) | |
| 110787 | MLVTP22SMK ¹ | ARCMAX 2X2 TROFFER SURFACE MOUNT KIT (L = 24.3inch, W = 24.3inch, H = 4.1inch) | |
| 110786 | MLVTP14SMK ¹ | ARCMAX 1X4 TROFFER SURFACE MOUNT KIT (L = 48.3inch, W = 12.4inch, H = 4.1inch) | |
| 104816 | MLG4CHK | GEN 4 CABLE HANGING KIT FOR 1X4 & 2X2 FLAT PANEL/ TROFFER | |
| 104848 | ML24G4CHK | GEN 4 CABLE HANGING KIT FOR 2X4 FLAT PANEL/ TROFFER - 6 CABLES | |
| 104817 | ML14G4FK | GEN 4 1X4' FLAT PANEL/ TROFFER FLANGE | |
| 104819 | ML22G4FK | GEN 4 2X2' FLAT PANEL/ TROFFER FLANGE KIT | |
| 104820 | ML24G4FK | GEN 4 2X4' FLAT PANEL/ TROFFER FLANGE KIT | |
| c-Max Basic | | | |
| 105567 | CN-REMOTE | CONTROL NODE REMOTE CONTROL | |
| 105890 | CN-RTPSW | CONTROL NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE | |
| c-Max Network | | | |
| 105892 | NN-RTW | NETWORK NODE RECTANGULAR, WHITE | |
| 106059 | NN-RTPSW | NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/ DAYLIGHT HARVESTING, WHITE | |
| 108392 | WNS5-W | 5 BUTTON WALL NETWORK SWITCH (BLUETOOTH) WHITE | |
| 106318 | NPP-300W | 120-277V NETWORK POWER PACK 300W MAX | |

¹SMK is compatible with EM and E2 suffix Battery Back up models

Sensor

| SENSOR | TECHNOLOGY | DIMMING | DAYLIGHT HARVESTING | REMOTE CONTROL | QR CODE |
|----------|--|----------|----------------------------------|-------------------------------|---------|
| CN-RTPSW | PIR, Photoelectric | Bi-Level | Continuous Adjustment Mode (CAM) | Yes | |
| NN-RTW | Bluetooth networking | N/A | N/A | c-Max App (iPhone or Android) | |
| NN-RTPSW | PIR motion sensing, Photoelectric & Bluetooth networking | Bi-Level | Continuous Adjustment Mode (CAM) | c-Max App (iPhone or Android) | |



MLVT ArcMax Troffer Control Ready Series

Wattage and Color Select

Non-TAA Stocked Items

| ORDER CODE | MODEL NUMBER | DLC PRODUCT ID# | DLC CLASSIFICATION | DLC CATEGORY |
|------------|--------------------|-----------------|--------------------|---|
| 110766 | MLVT14D13WCSCR | S-DTZBQ5 | Standard | 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110771 | MLVT14D13WCSCR/2PK | S-DTZBQ5 | Standard | 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110767 | MLVT22D13WCSCR | S-2FHSCX | Standard | 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110772 | MLVT22D13WCSCR/2PK | S-2FHSCX | Standard | 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110777 | MLVT22D13WCSCREM | S-2FHSCX | Standard | 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110768 | MLVT24D22WCSCR | S-GS4ML5 | Standard | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| | | S-LOQ440 | Standard | Low-Bay Luminaires for Commercial and Industrial Buildings |
| 110773 | MLVT24D22WCSCR/2PK | S-GS4ML5 | Standard | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| | | S-LOQ440 | Standard | Low-Bay Luminaires for Commercial and Industrial Buildings |
| 110778 | MLVT24D22WCSCREM | S-GS4ML5 | Standard | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| | | S-LOQ440 | Standard | Low-Bay Luminaires for Commercial and Industrial Buildings |

TAA Stocked Items

| ORDER CODE | MODEL NUMBER | DLC PRODUCT ID# | DLC CLASSIFICATION | DLC CATEGORY |
|------------|----------------------|-----------------|--------------------|---|
| 110985 | MLVT14D13WCSCR/2PKTA | S-DTZBQ5 | Standard | 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110989 | MLVT22D13WCSCR/2PKTA | S-2FHSCX | Standard | 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 111485 | MLVT22D13WCSCREMTA | S-2FHSCX | Standard | 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110993 | MLVT24D22WCSCR/2PKTA | S-GS4ML5 | Standard | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| | | S-LOQ440 | Standard | Low-Bay Luminaires for Commercial and Industrial Buildings |
| 111486 | MLVT24D22WCSCREMTA | S-GS4ML5 | Standard | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| | | S-LOQ440 | Standard | Low-Bay Luminaires for Commercial and Industrial Buildings |
| 110987 | MLVT22D13CSCR/2PKTA | S-MPVQPX | Standard | 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces |
| 110991 | MLVT24D19CSCR/2PKTA | S-VWZ6YS | Standard | 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces |



MLVT ArcMax Troffer Control Ready Series

Wattage and Color Select

Specifications

| Specifications | MLVT14D13WCSCR | | |
|-----------------------------------|--|------------------|------------------|
| Size | 1x4' | | |
| Nominal Wattage (W)* | 13W | 20W | 26W |
| Lumens Delivered (lm)* | 1950, 2015, 1960 | 3000, 3100, 3020 | 3900, 4030, 3920 |
| Nominal Efficacy (lm/W) | 150, 155, 151 | | |
| Lumens delivered at BBU mode (lm) | 1260lm with EM suffix. 1050lm with E2 suffix - for 90 minutes, when fully charged | | |
| CRI | ≥80 | | |
| Color Temperature (K)* | 3500K, 4000K, 5000K | | |
| Calculated L70 Lumen Maintenance | ≥100,000 Hrs | | |
| Dimming Technology | 0-10V | | |
| Dimming Range | 10-100% (Dim to OFF Voltage: 0.3V ± 0.2V) | | |
| Input Voltage | 120-277V, 50/60 Hz | | |
| Power Factor | ≥ 0.87 | | |
| Housing | Sheet Metal | | |
| Diffuser | PMMA lens | | |
| Surge Protection | 2.5KV | | |
| Operating Temperature | -4°F to 122°F (-20°C to 50°C), except BBU models. BBU models: 32°F to 122°F (0°C to 50°C) | | |
| Humidity | 10% to 80% RH non-condensing | | |
| Certification | ULus listed, FCC, RoHS Compliant | | |
| Qualifications | DLC Standard | | |
| Material Usage | RoHS Compliant; No Mercury | | |
| Environment | Suitable for damp locations | | |
| Warranty | 10 years. Check maxlite.com/warranties for details | | |

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



MLVT ArcMax Troffer Control Ready Series

Wattage and Color Select

Specifications

| Specifications | MLVT22D13WCSCR | | | MLVT22D13CSCR |
|-----------------------------------|--|------------------|------------------|------------------|
| | 13W | 20W | 26W | 13W |
| Size | 2x2 | | | |
| Nominal Wattage (W)* | 13W | 20W | 26W | 13W |
| Lumens Delivered (lm)* | 1950, 2010, 1960 | 3000, 3100, 3020 | 3900, 4030, 3920 | 1950, 2010, 1970 |
| Nominal Efficacy (lm/W) | 150, 155, 151 | | | 150, 155, 152 |
| Lumens delivered at BBU mode (lm) | 1260lm with EM suffix. 1050lm with E2 suffix - for 90 minutes, when fully charged | | | |
| CRI | ≥80 | | | |
| Color Temperature (K)* | 3500K, 4000K, 5000K | | | |
| Calculated L70 Lumen Maintenance | ≥100,000 Hrs | | | |
| Dimming Technology | 0-10V | | | |
| Dimming Range | 10-100% (Dim to OFF Voltage: 0.3V ± 0.2V) | | | |
| Input Voltage | 120-277V, 50/60 Hz | | | |
| Power Factor | ≥ 0.87 | | | |
| Housing | Sheet Metal | | | |
| Diffuser | PMMA lens | | | |
| Surge Protection | 2.5KV | | | |
| Operating Temperature | -4°F to 122°F (-20°C to 50°C), except BBU models. BBU models: 32°F to 122°F (0°C to 50°C) | | | |
| Humidity | 10% to 80% RH non-condensing | | | |
| Certification | ULus listed, FCC, RoHs Compliant | | | |
| Qualifications | DLC Standard | | | |
| Material Usage | RoHS Compliant; No Mercury | | | |
| Environment | Suitable for damp locations | | | |
| Warranty | 10 years. Check maxlite.com/warranties for details | | | |

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



MLVT ArcMax Troffer Control Ready Series

Wattage and Color Select

Specifications

| Specifications | MLVT24D22WCSCR | | | MLVT24D19CSCR |
|-----------------------------------|--|------------------|------------------|------------------|
| | 2x4 | | | |
| Size | 2x4 | | | |
| Nominal Wattage (W)* | 22W | 28W | 34W | 19W |
| Lumens Delivered (lm)* | 3430, 3540, 3470 | 4280, 4420, 4340 | 5100, 5270, 5160 | 2880, 2980, 2920 |
| Nominal Efficacy (lm/W) | 156, 161, 158 | 153, 158, 155 | 150, 155, 152 | 152, 157, 154 |
| Lumens delivered at BBU mode (lm) | 1260lm with EM suffix. 1050lm with E2 suffix - for 90 minutes, when fully charged | | | |
| CRI | ≥80 | | | |
| Color Temperature (K)* | 3500K, 4000K, 5000K | | | |
| Calculated L70 Lumen Maintenance | ≥100,000 Hrs | | | |
| Dimming Technology | 0-10V | | | |
| Dimming Range | 10-100% (Dim to OFF Voltage: 0.3V ± 0.2V) | | | |
| Input Voltage | 120-277V, 50/60 Hz | | | |
| Power Factor | ≥ 0.87 | | | |
| Housing | Sheet Metal | | | |
| Diffuser | PMMA lens | | | |
| Surge Protection | 2.5KV | | | |
| Operating Temperature | -4°F to 122°F (-20°C to 50°C), except BBU models. BBU models: 32°F to 122°F (0°C to 50°C) | | | |
| Humidity | 10% to 80% RH non-condensing | | | |
| Certification | ULus listed, FCC, RoHs Compliant | | | |
| Qualifications | DLC Standard | | | |
| Material Usage | RoHS Compliant; No Mercury | | | |
| Environment | Suitable for damp locations | | | |
| Warranty | 10 years. Check maxlite.com/warranties for details | | | |

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

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.

MLVT ArcMax Troffer Control Ready Series *Wattage and Color Select*

Product Dimensions

| PRODUCT | A (L) | B (W) | C (H) |
|----------------|-----------|-----------|----------|
| MLVT14D13WCSCR | 47.8 inch | 11.7 inch | 2 inch |
| MLVT22D13WCSCR | 23.7 inch | 23.7 inch | 2.1 inch |
| MLVT22D13CSCR | 23.7 inch | 23.7 inch | 2.1 inch |
| MLVT24D22WCSCR | 47.8 inch | 23.7 inch | 2.1 inch |
| MLVT24D19CSCR | 47.8 inch | 23.7 inch | 2.1 inch |

