



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

TRK Troffer Retrofit Kit Control Ready Series Wattage and Color Select



Product Description:

Maxlite's enhanced series Troffer Retrofit Kit with Controls Ready feature is a cost-effective way to switch to LED technology. The kit can be easily installed in most existing troffers in less than 15 minutes. With its advanced "UniGlo" optics that provides uniform brightness across the lens, this product gives a smooth glare free illumination for high end hospitality, commercial and retail applications.

The kit offers over 9 product variations with a Wattage and CCT select option, allowing flexibility for end users and distributors. The kit has one of the highest efficacies in the industry at 150 LPW and is DLC qualified, ensuring maximum energy savings and quick ROI for ESCO projects. As a true Controls Ready (CR) product that uses Maxlite's Patented c-Max plug and play system, this product enables end users to choose controls even without existing controls wiring.

Features:

- Power/Wattage selectable
- Highest efficacy in the industry -150 Lumens per watt
- Controls Ready – can be paired with the new cMax controls nodes
- Controls port integrated into the lens of the fixture
- Quick installation of Troffer Retrofit Kit in existing luminaire without the need to break the ceiling plenum
- CCT Selectable: 3500K/4000K/5000K
- On EM mode, The fixture CCT will be set to 5000K
- On EM mode, the fixture output a minimum of 1050 lumens for 90 minutes, when fully charged
- Dimming: 0-10V - 10-100% Dimming Range with Dim-to-off capability
- Advanced "UniGlo" optics provides uniform brightness across the lens

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 | DIMMABLE | SELECTABLE | COLOR TEMPERATURE | CONTROLS | OPTIONS | PACKAGING | SOURCING STRATEGY |
|---------------------------|-------------|-------------|--------------------|--|-------------------|--|-------------------------------|---|
| TRK= Troffer Retrofit Kit | 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= 2x2' | | 13W= 13W, 20W, 26W | | | | | |
| | 24= 2'x4' | | 22W= 22W, 28W, 34W | | | | | |
| | SIZE | | FIXED | | | | | |
| | 22= 2'x2' | | 13=13W | | | | | |
| 24= 2'x4' | 19=19W | | | | | | | |

Default setting for WCS models is set to lowest wattage and 4000K.
 Battery back up models are available only in Single Pack configuration.



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c-Max Controls Micro-sites and Compatibility Guide

| | | |
|----------------------------------|----------------------------------|--|
| <p>Microsite</p> | <p>Microsite</p> | <p>Product Compatibility Guide</p> |
| <p>Microsite</p> | <p>Microsite</p> | |

Compatible Controls (SOLD SEPARATELY)+

The table below shows a small subset of control nodes from each tier that directly plug in with the fixture. Refer to individual microsities above for more accessories that could be added based on application requirements.

| ORDER CODE | MODEL NUMBER & LINK TO DATA SHEET | DESCRIPTION | QR CODE TO DATA SHEET | IMAGE |
|---|--------------------------------------|--|-----------------------|-------|
| c-Max Basic | | | | |
| 105567 | CN-REMOTE | CONTROL NODE REMOTE CONTROL | | |
| 105890 | CN-RTPSW¹ | 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 | | |
| c-Max EasyRF | | | | |
| 110961 | RF-RTPSW | EasyRF NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE | | |
| 110962 | RF-REMOTE | EasyRF REMOTE CONTROL COMMISSIONING TOOL | | |
| c-Max Network Partners - Silvair | | | | |
| 110431 | NN-RTPSW-SL | SILVAIR NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE | | |
| 111148 | NN-RTW-SL | SILVAIR NETWORK NODE RECTANGULAR, WHITE | | |
| c-Max Network Partners - Casambi | | | | |
| 112428 | NN-RTPSW-CA | CASAMBI NETWORK NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE | | |
| 112429 | NN-RTW-CA | CASAMBI NETWORK NODE RECTANGULAR, WHITE | | |

¹ Maxlite recommends CN-RTPSW (PIR) sensor for most applications with this fixture. If CN-RTMST(microwave) is required for an application, Maxlite recommends a pilot test to confirm there is no interference that causes unexpected responses from the microwave sensor. For additional options and c-Max network Partners components check Maxlite.com/cmox




* Note - This controls ready fixture is compatible with the c-Max platform supporting multiple tiers of controls. The table above shows a small subset of control nodes from each tier that directly plug in with the fixture. Refer to individual microsite above for more accessories that could be added based on application requirements



TRK Troffer Retrofit Kit Control Ready Series

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Accessories (SOLD SEPARATELY)

| ORDER CODE | MODEL NUMBER | DESCRIPTION | IMAGE |
|------------|------------------------------|--|---|
| 111133 | TRKP-ARB-24 | TROFFER RETROFIT KIT AIR RETURN BRACKET 24 INCHES - FOR USE WITH 2X2 TRK |  |
| 111134 | TRKP-ARB-48 | TROFFER RETROFIT KIT AIR RETURN BRACKET 48 INCHES - FOR USE WITH 2X4 AND 1X4 TRK |  |
| 108566 | EBUUP17015N200B ¹ | EMERGENCY INVERTER, 15W, 120-347VAC, CEC COMPLIANT, FIELD INSTALLABLE, 0-50C AMBIENT |  |
| 111289 | EBU-RTST-E15 | RIBBON FLAT TEST SWITCH FOR ESPEN EMERGENCY INVERTER, 15W |  |
| 110402 | TRK-BBUPLATE14 | BBU PLATE FOR 1X4 TRK | TBD |
| 110403 | TRK-BBUPLATE2224 | BBU PLATE FOR 2X2 AND 2X4 TRK | TBD |

Note:

1. Lumens delivered at BBU mode is 2100lm for field installable BBU for 90 minutes, when fully charged.

RIBBON FLAT TEST SWITCH Model number EBU-RTST-E15 sold separately. BBU installation plate is required for installing the field installable BBU on the housing.

BBU installation plate model number TRK-BBUPLATE14 sold separately for 1x4 TRK. BBU installation plate model number TRK-BBUPLATE2224 sold separately for 2x2 and 2x4 TRK

Follow instruction manual provided for recommended guidelines for installation.



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Non-TAA Stocked Items

| ORDER CODE | MODEL NUMBER | DLC PRODUCT ID# | DLC CLASSIFICATION | DLC CATEGORY |
|------------|-------------------|-----------------|---|--------------|
| 110382 | TRK14D13WCSCR | S-CV9BT4 | Integrated Retrofit Kits for 1x4 Luminaires | Standard |
| 110387 | TRK14D13WCSCR/2PK | S-CV9BT4 | Integrated Retrofit Kits for 1x4 Luminaires | Standard |
| 110383 | TRK22D13WCSCR | S-29RW4T | Integrated Retrofit Kits for 2x2 Luminaires | Standard |
| 110388 | TRK22D13WCSCR/2PK | S-29RW4T | Integrated Retrofit Kits for 2x2 Luminaires | Standard |
| 110393 | TRK22D13WCSCREM | S-29RW4T | Integrated Retrofit Kits for 2x2 Luminaires | Standard |
| 110384 | TRK24D22WCSCR | S-BWQCL3 | Integrated Retrofit Kits for 2x4 Luminaires | Standard |
| 110389 | TRK24D22WCSCR/2PK | S-BWQCL3 | Integrated Retrofit Kits for 2x4 Luminaires | Standard |
| 110394 | TRK24D22WCSCREM | S-BWQCL3 | Integrated Retrofit Kits for 2x4 Luminaires | Standard |
| 110799 | TRK24D19CSCR/2PK | S-2MXHFH | Integrated Retrofit Kits for 2x4 Luminaires | Standard |

TAA Stocked Items

| ORDER CODE | MODEL NUMBER | DLC PRODUCT ID# | DLC CLASSIFICATION | DLC CATEGORY |
|------------|---------------------|-----------------|---|--------------|
| 110975 | TRK14D13WCSCR/2PKTA | S-CV9BT4 | Integrated Retrofit Kits for 1x4 Luminaires | Standard |
| 110979 | TRK22D13WCSCR/2PKTA | S-29RW4T | Integrated Retrofit Kits for 2x2 Luminaires | Standard |
| 111488 | TRK22D13WCSCREMTA | S-29RW4T | Integrated Retrofit Kits for 2x2 Luminaires | Standard |
| 110983 | TRK24D22WCSCR/2PKTA | S-BWQCL3 | Integrated Retrofit Kits for 2x4 Luminaires | Standard |
| 111489 | TRK24D22WCSCREMTA | S-BWQCL3 | Integrated Retrofit Kits for 2x4 Luminaires | Standard |
| 110977 | TRK22D13CSCR/2PKTA | S-FCG2TQ | Integrated Retrofit Kits for 2x2 Luminaires | Standard |
| 110981 | TRK24D19CSCR/2PKTA | S-2MXHFH | Integrated Retrofit Kits for 2x4 Luminaires | Standard |

Specifications

| | TRK14D13WCSCR | | |
|--|---|------------------|------------------|
| Size | 1X4' | | |
| Nominal Wattage (W) | 13W | 20W | 26W |
| Lumens Delivered (lm) * | 2000, 2060, 2020 | 3040, 3140, 3080 | 3900, 4030, 3950 |
| Nominal Efficacy (lm/W) * | 154, 159, 156 | 152, 157, 154 | 150, 155, 152 |
| Lumens delivered at BBU mode (lm) | 1260lm for EM suffix, 1050lm for 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 | 0-100% (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 | FCC, cULus Classified | | |
| Qualifications | DLC Standard | | |
| Material Usage | RoHS Compliant; No Mercury | | |
| Environment | Damp Location | | |
| Warranty | 10 Year Warranty. Check maxlite.com/warranties for details. | | |

* Fixtures are set to lowest wattage and 4000K as default factory setting



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Specifications

| | TRK22D13WCSCR | | | TRK22D13CSCR |
|-----------------------------------|--|------------------|------------------|------------------|
| Size | 2x2' | | | |
| Nominal Wattage (W) | 13W | 20W | 26W | 13W |
| Lumens Delivered (lm) * | 1970, 2010, 1980 | 3020, 3080, 3040 | 3900, 3970, 3920 | 2000, 2010, 2000 |
| Nominal Efficacy (lm/W) * | 152, 155, 153 | 151, 154, 152 | 150, 153, 151 | 150, 155, 152 |
| Lumens delivered at BBU mode (lm) | 1260lm for EM suffix, 1050lm for 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 | 0-100% (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 | FCC, cULus Classified | | | |
| Qualifications | DLC Standard | | | |
| Material Usage | RoHS Compliant; No Mercury | | | |
| Environment | Damp Location | | | |
| Warranty | 10 Year Warranty. Check maxlite.com/warranties for details | | | |

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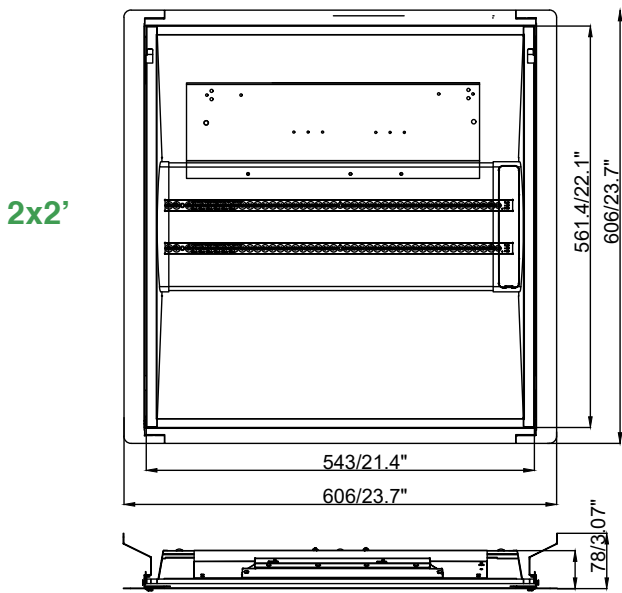
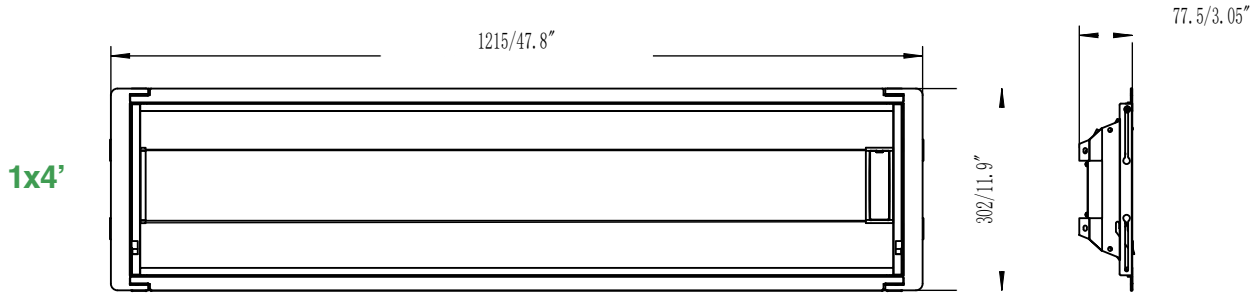
Specifications

| | TRK24D22WCSCR | | | TRK24D19CSCR |
|-----------------------------------|--|------------------|------------------|------------------|
| Size | 2x4 | | | |
| Nominal Wattage (W) | 22W | 28W | 34W | 19W |
| Lumens Delivered (lm) * | 3380, 3490, 3430 | 4250, 4390, 4310 | 5100, 5270, 5160 | 2850, 2940, 2880 |
| Nominal Efficacy (lm/W) * | 154, 159, 156 | 152, 157, 154 | 150, 155, 152 | 150, 155, 152 |
| Lumens delivered at BBU mode (lm) | 1260lm for EM suffix, 1050lm for 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 | 0-100% (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 | FCC, cULus Classified | | | |
| Qualifications | DLC Standard | | | |
| Material Usage | RoHS Compliant; No Mercury | | | |
| Environment | Damp Location | | | |
| Warranty | 10 Year Warranty. Check maxlite.com/warranties for details | | | |

* Fixtures are set to lowest wattage and 4000K as default factory setting

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Dimensions



| SIZE | L (INCH) | W (INCH) | H (INCH) |
|------|-------------|-------------|----------|
| 1x4 | 47.8 inches | 11.9 inches | |
| 2x2 | 23.7 inches | 23.7 inches | 3.1 |
| 2x4 | 47.8 inches | 23.7 inches | |

