



XFIT

KT-MSLED18-4-8XX-VDIM-P

LED MICROSTRIP FIXTURE

DESCRIPTION

4' 18W LED Microstrip Fixture | 120-277V Input | Frosted Lens | 0-10V Dimming | Premium Series

APPLICATION

Used for commercial, retail, and residential strip applications



10YEAR
LIMITED WARRANTY



PRODUCT FEATURES

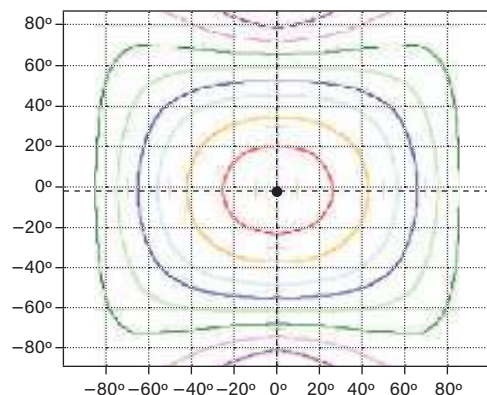
- Powered by Keystone 0-10V dimming LED drivers
- Post-painted steel body; PMMA lens
- Smooth diffused lens for an even appearance
- 0-10V dimming, 10% minimum
- Compatible with Keystone SmartSafe emergency LED drivers; KT-EMRG-LED-5-500 /NB or KT-EMRG-LED-12-1200 /NB are optimal for fixture level installation
- Compatible with Keystone 480-277V step down transformers
- Compatible with Keystone occupancy sensors
- Available with Keystone's SmartLoop Bluetooth™ mesh wireless control system as an integral luminaire level lighting control, with features such as high-end trim, grouping, occupancy/vacancy sensing, and scheduling.
- Ambient operating temperature: -20°C/-4°F to 50°C/122°F
- UL Listed 1598: Suitable for dry and damp locations
- THD: < 20%
- Power factor > 0.95
- L70 > 50,000 hours

PRODUCT SPECIFICATIONS

| Catalog Number | Color Temperature | Nominal Length | Input Voltage | Wattage | CRI | Lumen Output | Efficacy |
|-------------------------|-------------------|----------------|---------------|---------|--------|--------------|----------|
| KT-MSLED18-4-835-VDIM-P | 3500K | 4 ft. | 120-277V | 18W | > 82.0 | 2,290 lm | 127 lm/W |
| KT-MSLED18-4-840-VDIM-P | 4000K | 4 ft. | 120-277V | 18W | > 82.0 | 2,320 lm | 129 lm/W |
| KT-MSLED18-4-850-VDIM-P | 5000K | 4 ft. | 120-277V | 18W | > 82.0 | 2,340 lm | 130 lm/W |

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



| | |
|----------------|----------------|
| ■ Cd: 578, 90% | ■ Cd: 257, 40% |
| ■ Cd: 481, 75% | ■ Cd: 193, 30% |
| ■ Cd: 385, 60% | ■ Cd: 128, 20% |
| ■ Cd: 321, 50% | ■ Cd: 64, 10% |

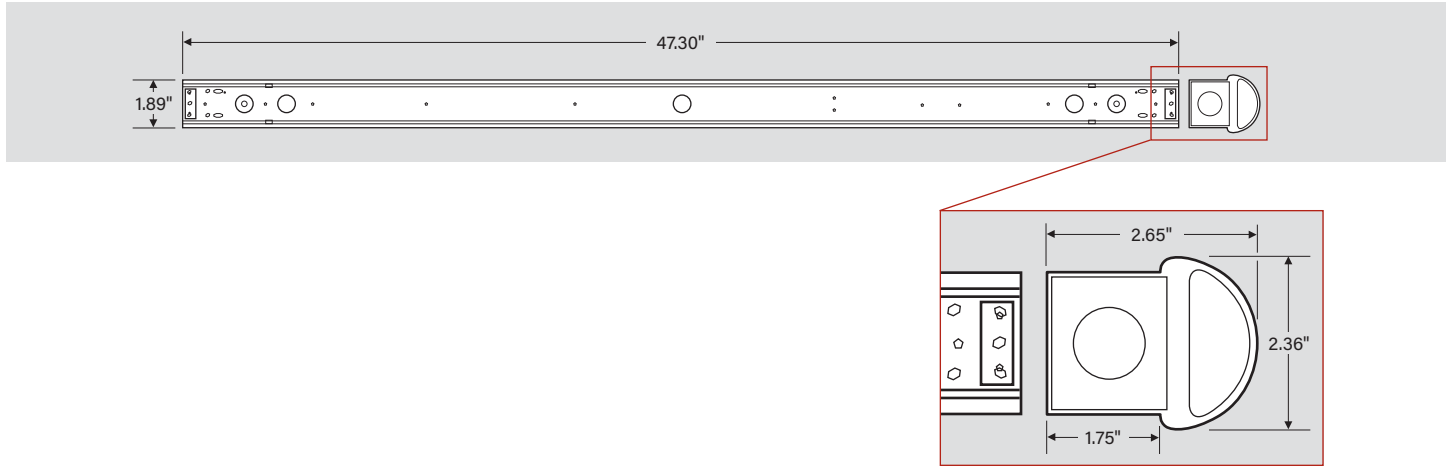
----- Point of Max Cd: 642.9

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 496.4 | 21.9% |
| 0-40 | 814.4 | 35.9% |
| 0-60 | 1,464.6 | 64.6% |
| 60-90 | 603.1 | 26.6% |
| 70-100 | 422.8 | 18.6% |
| 90-120 | 166.2 | 7.3% |
| 0-90 | 2,067.6 | 91.1% |
| 90-180 | 200.9 | 8.9% |
| 0-180 | 2,268.6 | 100% |

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PHYSICAL SPECIFICATIONS

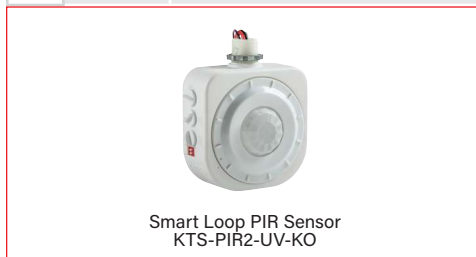


ACCESSORIES

SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---------|----------------|---|--------------|-----------|
| | /PIR | KTS-PIR2-UV-KO | High Bay PIR Motion Sensor, 120-347V Input. Adjustable Standby Dim level, Hold Times & Daylight Threshold controls. Fixture Mount via 1/2 inch KO | 843654123288 | IOF-04 |



Note: Keystone SmartLoop is a DLC Qualified Network Lighting Control solution, offering advanced functions such as complete wireless control, zoning, high-end trim, occupancy/vacancy sensing, scene setting, and scheduling. To learn more about SmartLoop, please visit <http://www.keystonetech.com/smartloop>.

* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).

(Accessories continued on next page)



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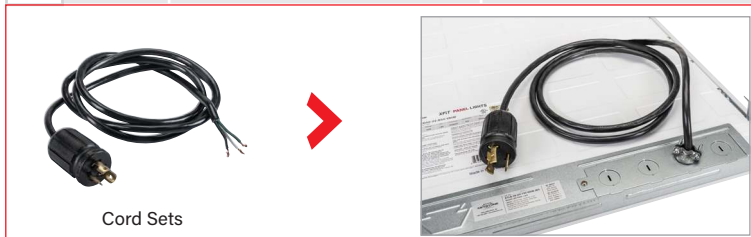
LED MICROSTRIP FIXTURE

ACCESSORIES (continued)

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|----------|---------------------|---|--------------|-----------|
| | /515P6 | KT-CS-515P-6-18/3 | Cord set; 125V NEMA 5-15P; straight blade plug ;6' SJTOW cable; 18/3 wire | 843654140124 | UKH-26 |
| | /L715P10 | KT-CS-L715P-10-16/3 | Cord set; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire | 843654140131 | SFV-88 |
| | /L615P10 | KT-CS-L615P-10-16/3 | Cord set; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire | 843654140148 | ZQS-05 |
| | /L515P10 | KT-CS-L515P-10-16/3 | Cord set; 125V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire | 843654140155 | GVH-22 |
| | /L715P6 | KT-CS-L715P-6-16/3 | Cord set; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire | 843654140162 | DVU-44 |
| | /L615P6 | KT-CS-L615P-6-16/3 | Cord set; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire | 843654140179 | LCW-66 |
| | /L515P6 | KT-CS-L515P-6-16/3 | Cord set; 125V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire | 843654140186 | POC-82 |
| | /NP10 | KT-CS-NP-10-16/3 | Cord; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire | 843654140193 | YOH-90 |
| | /NP6 | KT-CS-NP-6-16/3 | Cord; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire | 843654140216 | HUB-73 |
| | /NP15 | KT-CS-NP-15-16/3 | Cord; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire | 843654140209 | EYD-18 |



Cord Sets

* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
 NOTE: FOR CORD SETS NOT LISTED HERE, PLEASE CONTACT YOUR KEYSTONE SALES REP.

EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---------|------------------------|--|--------------|-----------|
| | /EM5 | KT-EMRG-LED-5C-500-SEN | LED Emergency Back-Up, One Piece Slim 5W Constant Wattage Design, Approx 500 Lumens, 90 Min Operation, 120-277V Input, CEC T20 Compliant. Includes Instruction Sheets, Test Switch, and Wiring Accessories | 843654128276 | CPO-29 |
| | /EM12 | KT-EMRG-LED-12C-1200 | LED Emergency Back-Up, 12W Constant Wattage Design. Approx 1200 Lumens. 120-277V Input. Remote Compact Battery Pack. CEC T20 Compliant. Includes Instructions, Test Switch and Wiring Accessories. | 843654103112 | OJQ-32 |



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500-SEN

12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200

* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
 * FACTORY INSTALLATION OF EMERGENCY BACKUP UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.

(Accessories continued on next page)

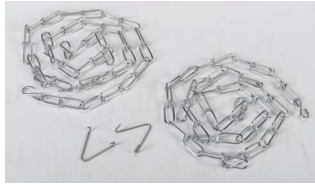
KT-MSLED18-4-8XX-VDIM-P
LED MICROSTRIP FIXTURE

ACCESSORIES (continued)

MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

| CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|------------------|---|--------------|-----------|
| KT-MSLED-VH-KIT | V-Hook and Chain Kit for Keystone Micro LED Strip fixtures. Includes (2) V-Hooks and (2) chains 40in long | 843654121031 | YAK-04 |
| KT-MSLED-LSM-KIT | Linking Surface Mount Kit for MSLED fixtures. Includes End to End Metal bracket and KO grommet | 843654126883 | BCV-03 |



V-Hook and Chain Kit
KT-MSLED-VH-KIT



Linking Surface Mount Kit
KT-MSLED-LSM-KIT



KT-MSLED18-4-8XX-VDIM-P

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ORDERING INFORMATION

| Order Code | Pack Quantity | UPC | Easy Code | DLC PRODUCT ID |
|-------------------------|---------------|--------------|-----------|----------------|
| KT-MSLED18-4-835-VDIM-P | 1 | 843654101057 | GAH-53 | PYWYRP44 |
| KT-MSLED18-4-840-VDIM-P | 1 | 843654101064 | SBF-30 | P2CGY4CT |
| KT-MSLED18-4-850-VDIM-P | 1 | 843654101187 | QJW-87 | PYW8K3U2 |

CATALOG NUMBER BREAKDOWN

KT-MSLED18-4-8XX-VDIM-P

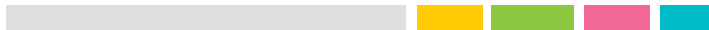
1 2 3 4 5 6 7 8

- 1 Keystone Technologies
- 2 LED Microstrip Fixture
- 3 Wattage
- 4 4' Nominal Length
- 5 80 CRI
- 6 Color Temperature
- 7 0-10V Dimming
- 8 Premium Series

ORDERING EXAMPLES

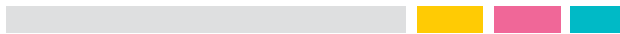
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-MSLED18-4-8XX-VDIM-P /PIR /NP10/EM5 /VH



FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-MSLED18-4-8XX-VDIM-P /PIR /EM5 /VH



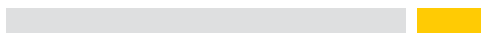
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-MSLED18-4-8XX-VDIM-P /PIR /NP10



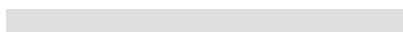
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-MSLED18-4-8XX-VDIM-P /PIR



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-MSLED18-4-8XX-VDIM-P



KEYSTONE FIXTURE

| CATALOG NUMBER |
|-------------------------|
| KT-MSLED18-4-8XX-VDIM-P |

SENSORS

| SUFFIX | CATALOG NUMBER |
|--------|----------------|
| ✓ /PIR | KTS-PIR2-UV-KO |

CORD SETS

| SUFFIX | CATALOG NUMBER |
|---------|------------------|
| ✓ /NP10 | KT-CS-NP-10-16/3 |

EMERGENCY BACKUP

| SUFFIX | CATALOG NUMBER |
|--------|------------------------|
| ✓ /EM5 | KT-EMRG-LED-5C-500-SEN |

MOUNTS AND BRACKETS

| SUFFIX | CATALOG NUMBER |
|--------|-----------------|
| ✓ /VH | KT-MSLED-VH-KIT |

* WHEN ORDERING MORE THAN ONE FACTORY-INSTALLED ACCESSORY, USE MULTIPLE SUFFIXES AS SHOWN IN THE ORDERING EXAMPLES ABOVE.
 NOTE: ALL ACCESSORIES CAN ALSO BE ORDERED SEPARATELY FOR FIELD INSTALLATION USING JUST THEIR REGULAR CATALOG NUMBER, UPC, OR EASY CODE.