

KT-MSLED90PS-8-8CSA-VDIM

LED MICROSTRIP FIXTURE

DESCRIPTION

8' LED Microstrip Fixture | 120–277V Input | Frosted Lens | 0–10V Dimming

APPLICATION

Used for commercial, retail, and residential strip applications



PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500K, 4000K, or 5000K
- Features Keystone Power Select technology. Adjust power between 90W, 75W, and 54W
- Powered by Keystone 0–10V dimming LED drivers
- Post-painted steel body; PMMA lens
- Compatible with Keystone SmartSafe emergency LED drivers
- Compatible with Keystone occupancy sensors
- 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

POWER AND COLOR TEMPERATURE SELECTABILITY

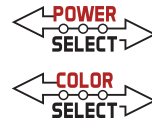
- Keystone Color Select Technology: Adjustable CCT (3500K/4000K/5000K)
- Keystone Power Select Technology: Adjustable Wattage (90W/75W/54W)

PRODUCT SPECIFICATIONS

| Catalog Number | Input Voltage | Wattage | Color Temperature | Lumens | Efficacy | Rated Life | CRI | Power Factor |
|---------------------------|---------------|---------|-------------------|--------|----------|------------|-----|--------------|
| KT-MSLED90PS-8-8CSA-VDIM* | 120-277V | 90W | 3500K | 11,880 | 132 lm/W | 50,000 hrs | >80 | >0.9 |
| | | | 4000K | 11,970 | 133 lm/W | | | |
| | | | 5000K | 12,060 | 134 lm/W | | | |
| | | 75W | 3500K | 10,125 | 135 lm/W | | | |
| | | | 4000K | 10,200 | 136 lm/W | | | |
| | | | 5000K | 10,275 | 137 lm/W | | | |
| | | 54W | 3500K | 7,668 | 142 lm/W | | | |
| | | | 4000K | 7,722 | 143 lm/W | | | |
| | | | 5000K | 7,776 | 144 lm/W | | | |

ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

* Preset to highest lumen output (90W / 5000K)
 * Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

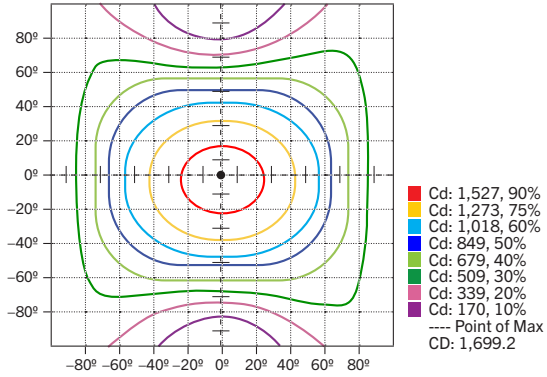


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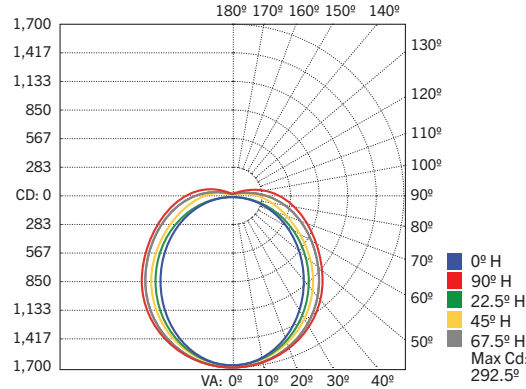
LED MICROSTRIP FIXTURE

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



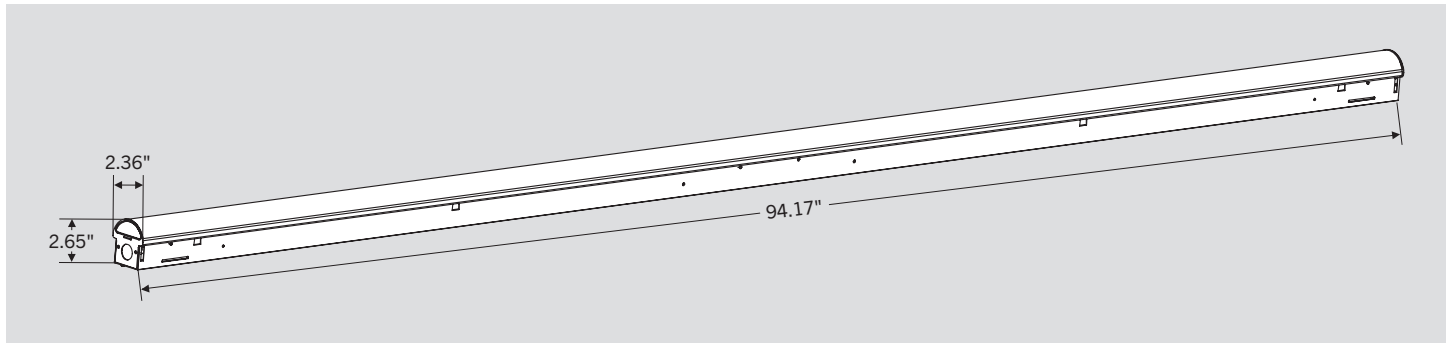
POLAR CANDELA DISTRIBUTION



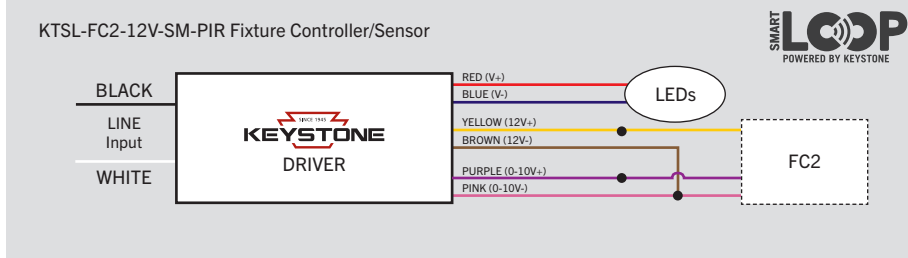
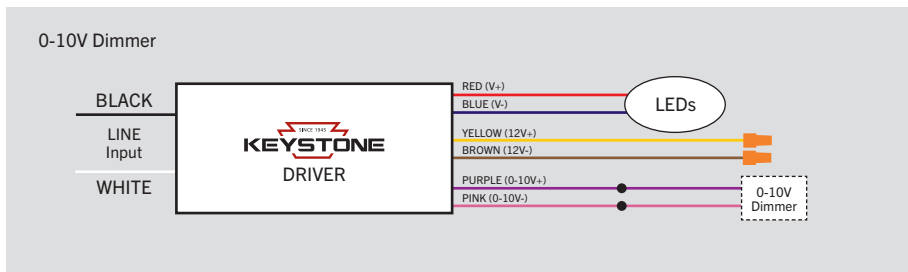
ZONAL LUMEN SUMMARY

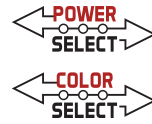
| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 1,295.9 | 21.9% |
| 0-40 | 2,122.9 | 35.9% |
| 0-60 | 3,804.3 | 64.3% |
| 60-90 | 1,556.1 | 26.3% |
| 70-100 | 1,110.0 | 18.8% |
| 90-120 | 457.1 | 7.7% |
| 0-90 | 5,360.4 | 90.6% |
| 90-180 | 553.4 | 9.4% |
| 0-180 | 5,913.8 | 100% |

PHYSICAL SPECIFICATIONS



WIRING DIAGRAMS





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SENSORS (SOLD SEPARATELY)

| ORDER CODE | DESCRIPTION |
|----------------------|--|
| KTSL-FC2-12V-SM-PIR* | Bluetooth mesh wireless low voltage fixture controller for SmartLoop system with integrated daylight and PIR motion |
| KTS-MW3-UV-KO-K2 | Microwave Sensor Kit, includes 120-277V input to 12V DC convector, 12V input sensor head, Nomex Sleeve, Extension Neck |



SMART LOOP
POWERED BY KEYSTONE

*Requires KT-MSLED-SLB-1 mounting bracket

Fixture installed with KTSL-FC2-12V-SM-PIR and KT-MSLED-SLB-1 bracket

ACCESSORIES (SOLD SEPARATELY)

| ORDER CODE | DESCRIPTION |
|------------------------|--|
| KT-MSLED-LSM-KIT | Linking Surface Mount Kit for MSLED fixtures. Includes end to end metal bracket and KO grommet |
| KT-MSLED-VH-KIT | V-Hook and Chain Kit for Keystone Micro LED Strip fixtures. Includes (2) V-Hook and (2) chains 40in long |
| KT-MSLED-SLB-1 | Microstrip Bracket for Smart Loop KTSL-FC2-12V-SM-PIR Sensor |
| KT-EMRG-LED-5C-500-SEN | LED Emergency Back-Up, 5W Constant Wattage Design, Approx 500 lumens |
| KT-EMRG-LED-12C-1200 | LED Emergency Back-Up, 12W Constant Wattage Design, Approx 1200 lumens |

ORDERING INFORMATION

| Order Code | Pack Quantity | Easy Code | UPC |
|--------------------------|---------------|-----------|--------------|
| KT-MSLED90PS-8-8CSA-VDIM | 1 | KQV-13 | 843654134499 |

CATALOG NUMBER BREAKDOWN

KT-MSLED90PS-8-8CSA-VDIM

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------------------|------------------|-----------------------|----------------------------|---------------------|--|-----------------------------------|------------------------|------------------------------|-------|----|--------------|---|---|---------------------|---|---------------------|---|----------------------------|---|--|-----------|-----|--------------------------------------|----------|-------------------|
| 1 Keystone Technologies | 2 LED Microstrip Fixture | 3 Wattage | 4 Power Select | 5 8' Nominal Length | 6 800 Series | 7 Color Temperature | 8 Color Select Designation | 9 0-10V Dimming | 10 Additional Options | | | | | | | | | | | | | | | | | |
| | | | | | | <table border="1"> <tr> <td>40</td> <td>4000K</td> </tr> <tr> <td>50</td> <td>5000K</td> </tr> <tr> <td>CS</td> <td>Color Select</td> </tr> </table> | 40 | 4000K | 50 | 5000K | CS | Color Select | <table border="1"> <tr> <td>A</td> <td>3500K, 4000K, 5000K</td> </tr> <tr> <td>B</td> <td>3000K, 4000K, 5000K</td> </tr> <tr> <td>C</td> <td>3000K, 3500K, 4000K, 5000K</td> </tr> </table> | A | 3500K, 4000K, 5000K | B | 3000K, 4000K, 5000K | C | 3000K, 3500K, 4000K, 5000K | <table border="1"> <tr> <td></td> <td>No Option</td> </tr> <tr> <td>/MW</td> <td>Microwave Occupancy Sensor Installed</td> </tr> <tr> <td>/FC2-PIR</td> <td>PIR Motion Sensor</td> </tr> </table> | | No Option | /MW | Microwave Occupancy Sensor Installed | /FC2-PIR | PIR Motion Sensor |
| 40 | 4000K | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 5000K | | | | | | | | | | | | | | | | | | | | | | | | | |
| CS | Color Select | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | 3500K, 4000K, 5000K | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | 3000K, 4000K, 5000K | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | 3000K, 3500K, 4000K, 5000K | | | | | | | | | | | | | | | | | | | | | | | | | |
| | No Option | | | | | | | | | | | | | | | | | | | | | | | | | |
| /MW | Microwave Occupancy Sensor Installed | | | | | | | | | | | | | | | | | | | | | | | | | |
| /FC2-PIR | PIR Motion Sensor | | | | | | | | | | | | | | | | | | | | | | | | | |