

LED MICROSTRIP FIXTURE



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

PRODUCT FEATURES

- CCT Selection: Adjust CCT between 3500K, 4000K, or 5000K
- Wattage Selection: Adjust Wattage between 90W, 75W, and 54W
- Powered by 0–10V dimming LED drivers
- Post-painted steel body; PMMA lens
- Available with optional integral occupancy sensor accessory
- 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

- CCT Selection: Adjustable CCT (3500K/4000K/5000K)
- Wattage Selection: Adjustable Wattage (90W/75W/54W)

PRODUCT SPECIFICATIONS

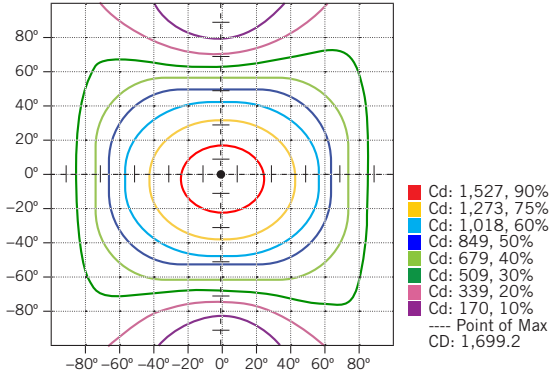
| Catalog Number | Input Voltage | Wattage | Color Temperature | Lumens | Efficacy | Rated Life | CRI | Power Factor |
|----------------|---------------|---------|-------------------|--------|----------|------------|-----|--------------|
| 1ST-S-8-90W-PS | 120-277V | 90W | 3500K | 11,880 | 132 lm/W | 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

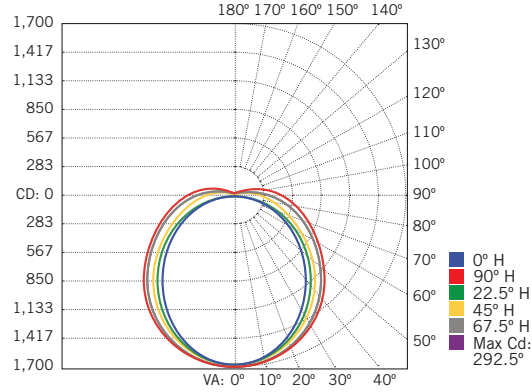
* Preset to highest lumen output (90W / 5000K)

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

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

