



# KT-MSLED54-8-8XX-VDIM-P

## LED MICROSTRIP FIXTURE

### DESCRIPTION

8' 54W LED Microstrip Fixture | 120–277V Input | Frosted Lens | 0–10V Dimming | Premium Series

### APPLICATION

Used for commercial, retail, and residential strip applications



### PRODUCT FEATURES

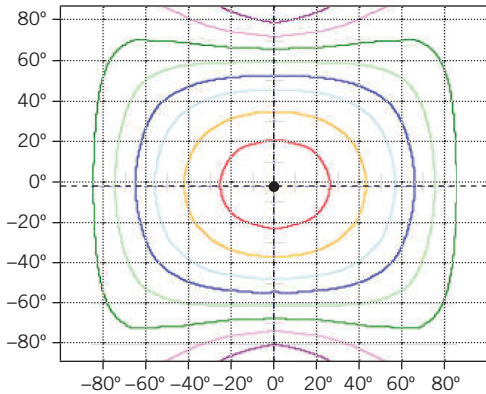
- Powered by Keystone 0–10V dimming LED drivers
- Smooth diffused lens for an even appearance
- 0–10V dimming, 10% minimum
- Compatible with Keystone SmartSafe emergency LED drivers; KT-EMRG-LED-5-500 /NB or KT-EMRG-LED-12-1200 /NB are optimal for fixture level installation
- Compatible with Keystone 480–277V step down transformers
- Compatible with Keystone occupancy sensors
- 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
- DLC Premium Listed

### PRODUCT SPECIFICATIONS

Catalog Number	Color Temperature	Nominal Length	Input Voltage	Wattage	CRI	Lumen Output	Efficacy
KT-MSLED54-8-835-VDIM-P	3500K	8 ft.	120–277V	54W	>82.0	7,100	131 lm/W
KT-MSLED54-8-840-VDIM-P	4000K	8 ft.	120–277V	54W	>82.0	7,160	133 lm/W
KT-MSLED54-8-850-VDIM-P	5000K	8 ft.	120–277V	54W	>82.0	7,210	134 lm/W

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



- Cd: 909, 90%
  - Cd: 404, 40%
  - Cd: 758, 75%
  - Cd: 303, 30%
  - Cd: 606, 60%
  - Cd: 202, 20%
  - Cd: 505, 50%
  - Cd: 101, 10%
- Point of Max Cd: 1,011.7

#### ZONAL LUMEN SUMMARY

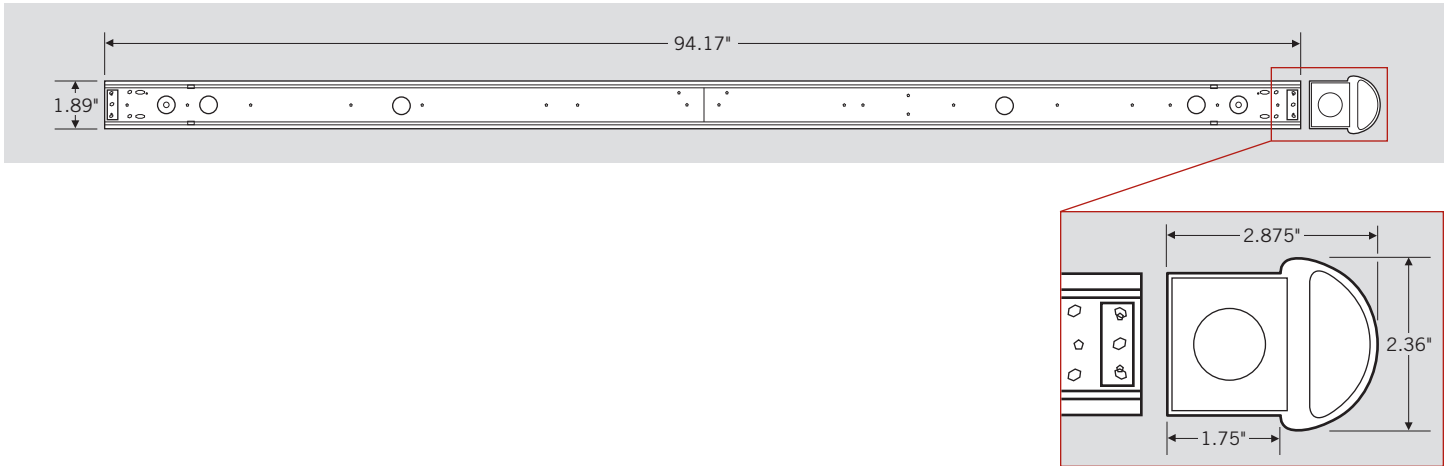
Zone	Lumens	% Luminaire
0–30	782.1	21.8%
0–40	1,283.2	35.8%
0–60	2,307.4	64.4%
60–90	949.1	26.5%
70–100	668.2	18.7%
90–120	267.1	7.5%
0–90	3,256.5	90.9%
90–180	324.7	9.1%
0–180	3,581.2	100%



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### PHYSICAL SPECIFICATIONS



### ORDERING INFORMATION

Order Code	Packaging Style	Pack Quantity	Item Status
KT-MSLED54-8-835-VDIM-P	Carton Pack	1	Active
KT-MSLED54-8-840-VDIM-P	Carton Pack	1	Active
KT-MSLED54-8-850-VDIM-P	Carton Pack	1	Active

### ACCESSORIES (SOLD SEPARATELY)

Accessory	Catalog Number	Description
SmartSafe Emergency Battery Backup	KT-EMRG-LED-5-500 /NB	5W, 500 lumen SmartSafe emergency battery backup with narrow battery
	KT-EMRG-LED-12-1200 /NB	12W, 1200 lumen SmartSafe emergency battery backup with narrow battery
V-Hooks for Suspended Mounting	KT-MSLED-VH-KIT	Two (2) V-Hooks and chains for chain-suspended mounting

### CATALOG NUMBER BREAKDOWN

# KT-MSLED54-8-8XX-VDIM-P

**1**   **2**   **3**   **4**   **5**   **6**   **7**   **8**

- 1 Keystone Technologies
- 2 LED Microstrip Fixture
- 3 Wattage
- 4 8' Nominal Length
- 5 800 Series
- 6 Color Temperature
- 7 0-10V Dimming
- 8 Premium Series