



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

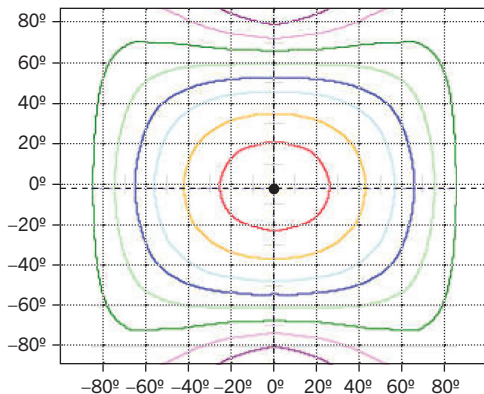
- Powered by Keystone 0–10V dimming LED drivers
- Post-painted steel body; PMMA lens
- Smooth diffused lens for an even appearance
- 0–10V dimming, 10% minimum
- Compatible with Keystone SmartSafe emergency LED drivers; KT-EMRG-LED-5-500 /NB or KT-EMRG-LED-12-1200 /NB are optimal for fixture level installation
- 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-MSLED54-8-835-VDIM-P	3500K	8 ft.	120–277V	54W	>82.0	7,100 lm	131 lm/W
KT-MSLED54-8-840-VDIM-P	4000K	8 ft.	120–277V	54W	>82.0	7,160 lm	133 lm/W
KT-MSLED54-8-850-VDIM-P	5000K	8 ft.	120–277V	54W	>82.0	7,210 lm	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

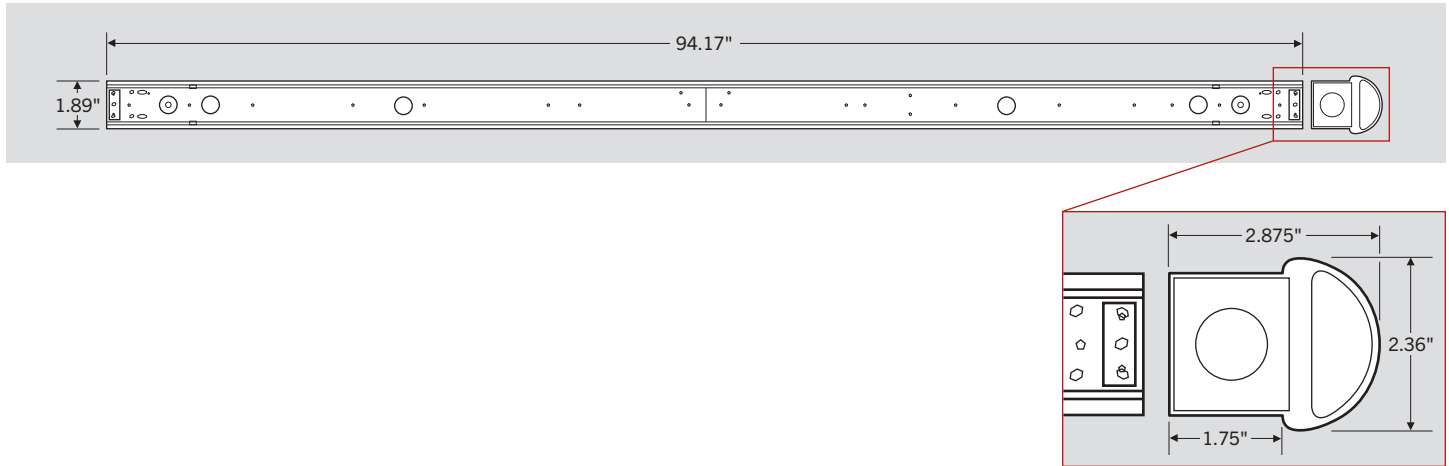
Zone	Lumens	% Luminaire
0–30	782.1	21.8%
0–40	1,283.2	35.8%
0–60	2,307.4	64.4%
60–90	949.1	26.5%
70–100	668.2	18.7%
90–120	267.1	7.5%
0–90	3,256.5	90.9%
90–180	324.7	9.1%
0–180	3,581.2	100%



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PHYSICAL SPECIFICATIONS



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
	/HBFC1	KTSL-HBFC1-UV-KO-PIR	Bluetooth mesh Wireless Fixture Controller for SmartLoop System with integrated daylight and PIR motion sensor. 120-277V. 3A Max Load with 0-10V Dimming	 843654129266	AEJ-50



Smart Loop PIR Sensor
KTSL-HBFC1-UV-KO-PIR

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; 250V 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; 250V 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)

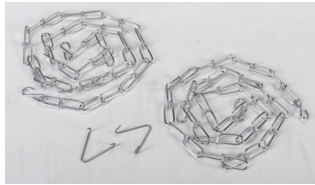
KT-MSLED54-8-8XX-VDIM-P
LED MICROSTRIP FIXTURE

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-MSLED54-8-8XX-VDIM-P

LED MICROSTRIP FIXTURE

ORDERING INFORMATION

Order Code	Pack Quantity	UPC	Easy Code
KT-MSLED54-8-835-VDIM-P	1	843654101668	CYV-14
KT-MSLED54-8-840-VDIM-P	1	843654101705	CER-25
KT-MSLED54-8-850-VDIM-P	1	843654101712	NOR-62

CATALOG NUMBER BREAKDOWN

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

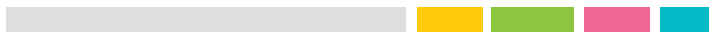
1 2 3 4 5 6 7 8

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

ORDERING EXAMPLES

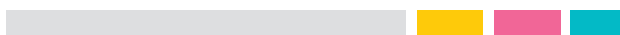
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-MSLED54-8-8XX-VDIM-P /PIR /NP10/EM5 /VH



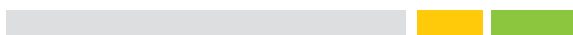
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-MSLED54-8-8XX-VDIM-P /PIR /EM5 /VH



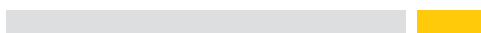
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-MSLED54-8-8XX-VDIM-P /PIR /NP10



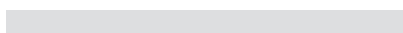
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-MSLED54-8-8XX-VDIM-P /PIR



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

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



* 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.

KEYSTONE FIXTURE

CATALOG NUMBER
KT-MSLED54-8-8XX-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