

S-LED-8-90PS-8CSA

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



10 YEAR
LIMITED WARRANTY

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
S-LED-8-90PS-8CSA*	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)

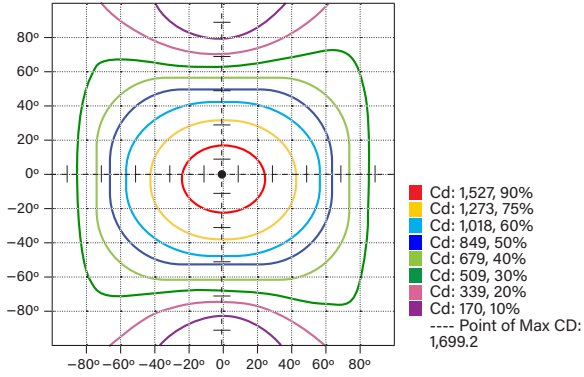
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

Specifications subject to change. Last revised on 2/26/24

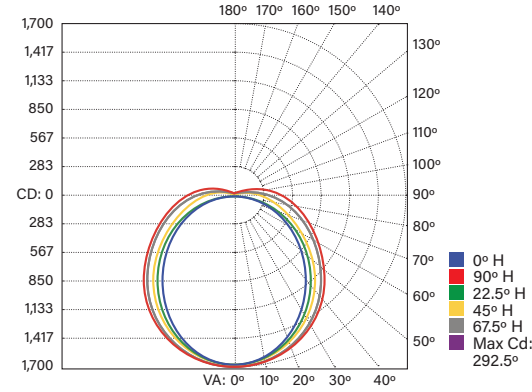
S-LED-8-90PS-8CSA

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ISOCANDELA PLOT



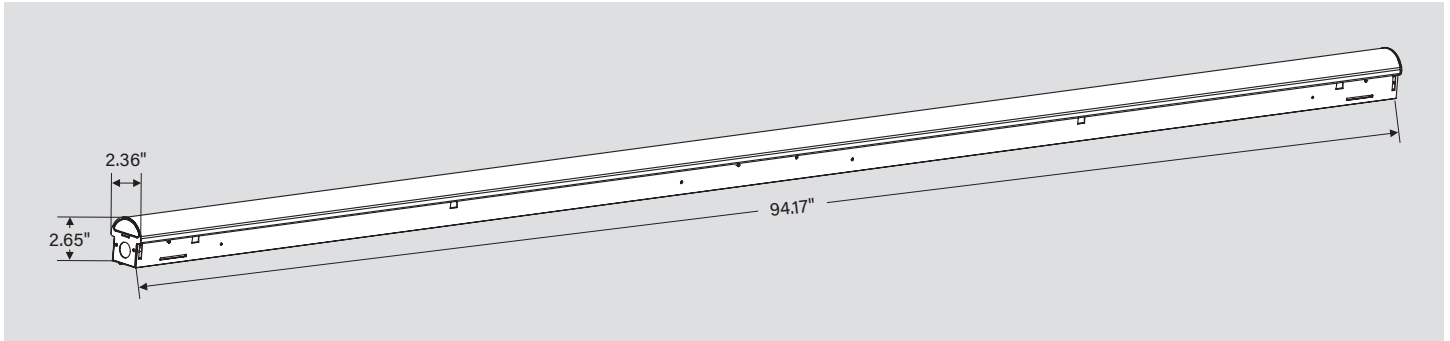
POLAR CANDELA DISTRIBUTION



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



Specifications subject to change. Last revised on 2/26/24

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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
	/MW	KTS-MW3-UV-KO-K2	Microwave Sensor Kit, Includes 120-277V input to 12V DC convertor, IP65 12V input sensor head, Nomex Sleeve, Extension Neck. Bi-Level Control with Adjustable Hold Time, Dim Level and Standby Time. Installs via standard 1/2in KO	843654134352	TBV-76
	/FC2	KTSL-FC2-12V-SM-PIR	Bluetooth mesh wireless low voltage individual fixture controller for SmartLoop system with integrated daylight and PIR motion sensors, 12V, 0-10V Dimming	843654135236	TCM-01
	/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



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

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

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 OUR SALES REP.

(Accessories continued on next page)

S-LED-8-90PS-8CSA

LED MICROSTRIP FIXTURE

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



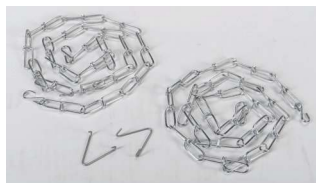
12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200

* 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.

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 Our Micro LED Strip fixtures. Includes (2) V-Hooks and (2) chains 40in long	843654121031	YAK-04
KT-MSLED-SLB-1	Microstrip Bracket for Smart Loop KTSL-FC2-12V-SM-PIR Sensor	843654135472	GGU-95
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

(Accessories continued on next page)

S-LED-8-90PS-8CSA

LED MICROSTRIP FIXTURE

ORDERING INFORMATION

Order Code	Pack Quantity	UPC	Easy Code
S-LED-8-90PS-8CSA	1	843654135434	GYB-02

CATALOG NUMBER BREAKDOWN

S-LED-8-90PS-8CSA

1	2	3	4	5	6	7	8
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1 Linear Strip Fixture

2 LED

3 8' Nominal Length

4 Wattage

5 Wattage Selectable

6 80 CRI

7 CCT Selectable

8 CCT Designation

8 Color Select Designation

A

3500K, 4000K, 5000K

ORDERING EXAMPLES

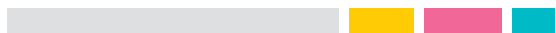
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

S-LED-8-90PS-8CSA /PIR /NP10 /EM5 /VH



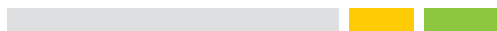
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

S-LED-8-90PS-8CSA /PIR /EM5 /VH



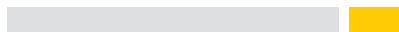
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

S-LED-8-90PS-8CSA /PIR /NP10



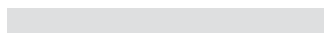
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

S-LED-8-90PS-8CSA /PIR



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

S-LED-8-90PS-8CSA



* 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.

Our **FIXTURE**

CATALOG NUMBER

S-LED-8-90PS-8CSA

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