



LANE STRIP

ESLSTR8120

CORE™

Key Features & Benefits:

- Four selectable wattages in one fixture SKU
- Five selectable CCTs from 3000K to 6500K
- 120–277V universal input
- CRI above 80
- Twenty configurations from one part number
- 5-year warranty

Product Specifications:

Selectable Wattage: 60W–80W–100W–120W
Selectable Kelvin: 3000K–3500K–4000K–5000K–6500K
Max Lumen Output: 15,600 Lumens
Efficacy: 130 lm/W
Beam Angle: 110°
CRI: >80
Voltage: 120–277 VAC
Input Frequency: 50/60 Hz
Dimming: 0–10V Dim-to-Off
Operating Temperature: -4°F to 113°F (-20°C to 45°C)
Lifetime Rated: 100,000 hrs
Power Factor: ≥0.90
THD: ≤20%
Finish: White
Dimensions: L94.17" x W2.83" x H2.52"
Weight (lbs): 8.82
Warranty: 5 Year

Project: _____

Date: _____

Catalog #: _____

Notes: _____



PART NUMBER:

ESLSTR8120

8 ft Strip, 120W, CCT/Watt Selectable

Lumen Ambient Temperature (LAT) Multipliers:

AMBIENT TEMP		LUMEN MULTIPLIER
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.96



Fixture Variants:



PART NUMBERS	DESCRIPTION
ESLSTR8120	Standard, 120–277 VAC
ESLSTR8120EM	w/ Integrated 18W Emergency Backup



White

Catalog Data:

ITEM #	SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	MAX EFFICACY	DIMENSIONS (LxWxH)
ESLSTR226	13W–17W–21W–26W	3000K–3500K–4000K–5000K–6500K	3,380 Lumens	130 lm/W	L22.2" x W2.83" x H2.52"
ESLSTR226EM	13W–17W–21W–26W	3000K–3500K–4000K–5000K–6500K	3,380 Lumens	130 lm/W	L22.2" x W2.83" x H2.52"
ESLSTR453	34W–40W–47W–53W	3000K–3500K–4000K–5000K–6500K	6,900 Lumens	130 lm/W	L47.32" x W2.83" x H2.52"
ESLSTR453EM	34W–40W–47W–53W	3000K–3500K–4000K–5000K–6500K	6,900 Lumens	130 lm/W	L47.32" x W2.83" x H2.52"
ESLSTR853	34W–40W–47W–53W	3000K–3500K–4000K–5000K–6500K	6,900 Lumens	130 lm/W	L94.17" x W2.83" x H2.52"
ESLSTR853EM	34W–40W–47W–53W	3000K–3500K–4000K–5000K–6500K	6,900 Lumens	130 lm/W	L94.17" x W2.83" x H2.52"
ESLSTR8120	60W–80W–100W–120W	3000K–3500K–4000K–5000K–6500K	15,600 Lumens	130 lm/W	L94.17" x W2.83" x H2.52"
ESLSTR8120EM	60W–80W–100W–120W	3000K–3500K–4000K–5000K–6500K	15,600 Lumens	130 lm/W	L94.17" x W2.83" x H2.52"

Standard Voltage Electrical Load:

SYSTEM WATTS	120 VAC	208 VAC	240 VAC	277 VAC	INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMP	SURGE PROTECTION	DIMMING
13	0.11	0.06	0.05	0.05	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
17	0.14	0.08	0.07	0.06	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
21	0.18	0.10	0.09	0.08	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
26	0.22	0.13	0.11	0.09	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
34	0.28	0.16	0.14	0.12	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
40	0.33	0.19	0.17	0.14	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off



LANE STRIP



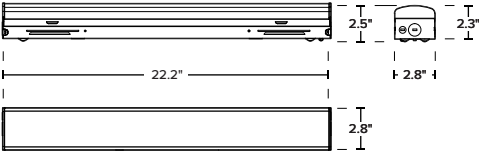
Standard Voltage Electrical Load:

SYSTEM WATTS	120 VAC	208 VAC	240 VAC	277 VAC	INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMP	SURGE PROTECTION	DIMMING
47	0.39	0.23	0.20	0.17	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
53	0.44	0.25	0.22	0.19	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
60	0.50	0.29	0.25	0.22	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
80	0.67	0.38	0.33	0.29	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
100	0.83	0.48	0.42	0.36	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off
120	1.00	0.58	0.50	0.43	120–277 VAC	50/60 Hz	≥0.90	≤20%	-4°F to 113°F (-20°C to 45°C)	2.5kV	0–10V Dim-to-Off

Dimensions:

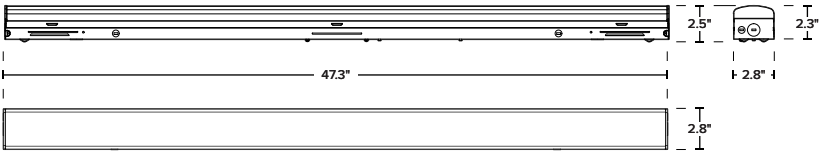
2 FOOT STRIP

ESLSTR226



4 FOOT STRIP

ESLSTR453



8 FOOT STRIP

ESLSTR853, ESLSTR8120

