EcoLite™
Leader in LED Lighting

COMET SELECT LINEAR LED STRIP
SPECIFICATION SHEET
ECO-X-LJC

Comet Select Linear LED Strip Light II

ECO-X-LJC
120-277



KEY SPECS

POWER	COLOR	EFFICACY	VOLTAGE
15–80W	**3CCT**	**up to 153lm/W**	**120-277V**
Field-selectable output	3500 / 4000 / 5000 K	System efficacy	Input voltage

Comet Select Linear LED Strip is a versatile, high-performance linear fixture available in 2 ft, 4 ft, and 8 ft sizes with field-selectable wattage and CCT. The molded cold-rolled steel housing carries a white finish and a diffused lens that delivers uniform, hotspot-free illumination across a wide beam spread. A 0-10V dimmable driver accepts 120–277 VAC (120–347 VAC in Canada) and dims smoothly from 100% to off. Tool-free spring-clip wiring access simplifies surface or pendant installation. cULus listed for damp locations, DLC qualified for utility rebates, and backed by EcoLite's 10-year non-prorated warranty.

- Warehouse & storage facilities
- Commercial & retail spaces
- Industrial work areas
- High-bay & low-bay lighting

FEATURES

01 Field-selectable wattage and CCT (3500K / 4000K / 5000K)
02 Available in 2 ft, 4 ft, and 8 ft sizes
03 Efficacy up to 150 lm/W with CRI >80
04 0-10V dimmable, 120–277 VAC (120–347 VAC Canada)
05 Tool-free spring-clip wiring access
06 Optional sensor and emergency battery backup

c UL us LISTED · DLC LISTED · 10 Year Non-Prorated WARRANTY · POWER SELECT MULTI-WATTAGE · COLOR SELECT FIELD SELECTABLE · EFFICACY UP TO 150 LM/W

01 ORDER INFORMATION

SKU / MODEL	SIZE	WATTAGE	CCT	VOLTAGE
ECO-X-LJC2F25WSCSBLV	2 ft	15/20/25 W	3500/4000/5000 K	120-277
ECO-X-LJC4F50WSCSBLV	4 ft	30/40/50 W	3500/4000/5000 K	120-277
ECO-X-LJC4F50WSCSBLVS-E	4 ft	30/40/50 W	3500/4000/5000 K	120-277
ECO-X-LJC8F80WSCSBLV	8 ft	60/70/80 W	3500/4000/5000 K	120-277

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	15/20/25 W	30/40/50 W	60/70/80 W
Size	2 ft	4 ft	8 ft
Wattage	15 / 20 / 25 W	30 / 40 / 50 W	60 / 70 / 80 W
Lumen Output (5000K)	2,180 / 2,824 / 3,371 lm	4,243 / 5,339 / 6,368 lm	8,498 / 9,514 / 10,790 lm
Color Temperature (CCT)	3500K / 4000K / 5000K selectable (5000K default)		
CRI	>80		
Input Voltage	120–277 VAC (US) / 120–347 VAC (Canada), 50/60 Hz		
Input Current @ 120V	0.14 / 0.19 / 0.23 A	0.28 / 0.37 / 0.46 A	0.56 / 0.65 / 0.74 A
LED Driver	0-10V dimmable, dims 100% to off		
Operating Temperature	-25 to +50°C (-13 to +122°F)		

03 ACCESSORIES & MOUNTING



TWIST-LOCK PHOTOCELL 120-277V
ECO-X-PC-UNV27V



EMERGENCY BATTERY BACKUP 8W
ECO-X-EBB021-8WDC



EMERGENCY BATTERY BACKUP 8W
ECO-X-EBB13-8WDC



EMERGENCY BATTERY BACKUP 8W
ECO-X-IK-XEBB13-8WDC-LJZ



SUSPENSION KIT 1M

ECO-X-SW-1M-A



REMOTE CONTROLLER FOR SENSOR

ECO-X-HD06R



MICROWAVE SENSOR

ECO-X-HD10VR-MH-1B



TWIST-LOCK PHOTOCELL 277-480V

ECO-X-PC-HV48V



TWIST-LOCK PHOTOCELL 120-277V

ECO-X-PC-UNV27V-207C5HP



TWIST-LOCK PHOTOCELL 120-277V

ECO-X-PC-UNV27V-B



PHOTOCELL RECEPTACLE

ECO-X-RT-3PIN

04 DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT	WEIGHT
ECO-X-LJC2F25WSCSBLV	24” / 610 mm	3” / 76 mm	2.6” / 66 mm	8.62 lb
ECO-X-LJC4F50WSCSBLV	47” / 1194 mm	3” / 76 mm	2.6” / 66 mm	16.93 lb
ECO-X-LJC8F80WSCSBLV	94” / 2388 mm	3” / 76 mm	2.6” / 66 mm	32.14 lb

Linear extrusion · Dimensions ±0.2” · inches [mm]

05 SAFETY WARNING

⚠ READ BEFORE INSTALLATION

1. Installation must be performed by a qualified, licensed electrician in accordance with all applicable national and local electrical codes.