

SRK - Strip Retrofit Kit

Product Specification Sheet

Product Overview

The LED Strip Retrofit Kit is an energy-efficient upgrade solution designed to replace outdated fluorescent strip fixtures with modern LED technology. It features easy installation and includes high-performance LED strips, an integrated driver, and mounting hardware for a seamless retrofit.

Available in multiple wattages and color temperatures, it provides superior brightness, reduced maintenance costs, and significant energy savings. Ideal for warehouses, retail spaces, and commercial facilities, the LED Strip Retrofit Kit enhances lighting quality while meeting DLC and UL certification standards for performance and reliability.

Key Features

- Die-cast metal housing with white reflector.
- Acrylic lens reducing glare.
- High Brightness: Delivers up to 160 LPW for powerful, efficient lighting.
- Versatile Voltage: Compatible with AC120-277V or AC120-347V, providing flexibility for various applications.
- Durable Housing: Constructed with rugged galvanized rolled metal for improved cooling, light quality, and a longer lifespan.
- Dimmer Ready: 0-10V dimming capability for customizable light levels to suit your needs.
- Auxiliary Dimming: Includes a 12Vdc auxiliary dimming feature for added flexibility.
- Smart Control: Easy-to-install Bi-Level sensor with plug-and-play capability, allowing you to optimize energy use with automated lighting control.



Technical Specification

▪ Models and Wattage Options

- The LED strip retrofit kit lighting consists of two performance packages for 4ft and 8ft applications. Each offers multiple wattage options to suit different lighting needs. Each model provides flexibility in power consumption, allowing users to optimize energy usage while maintaining high performance.
- SE-SRK-48: 20W/25W/35W/40W
- SE-SRK-96: 40W/55W/70W/80W

▪ High Efficiency and Performance

- Efficacy: Up to 160 lumens per watt (LPW) across all models, ensuring optimal energy efficiency.
- Correlated Color Temperature (CCT) Selectable: Available in 3000K, 3500K, 4000K, and 5000K, 6500K providing different lighting tones suitable for various applications.
- Color Rendering Index (CRI): Ra 80, ensuring clear and accurate color representation.

▪ Electrical and Operational Features

- Input Voltage: AC 120-277V or 120-347V
- Power Factor: >0.9
- Dimming Capability: 0-10V dimmable for adjustable brightness and energy savings.
- Driver Efficacy: >94%; Ensures stable power delivery with minimal flickering.

▪ Durability and Environmental Adaptability

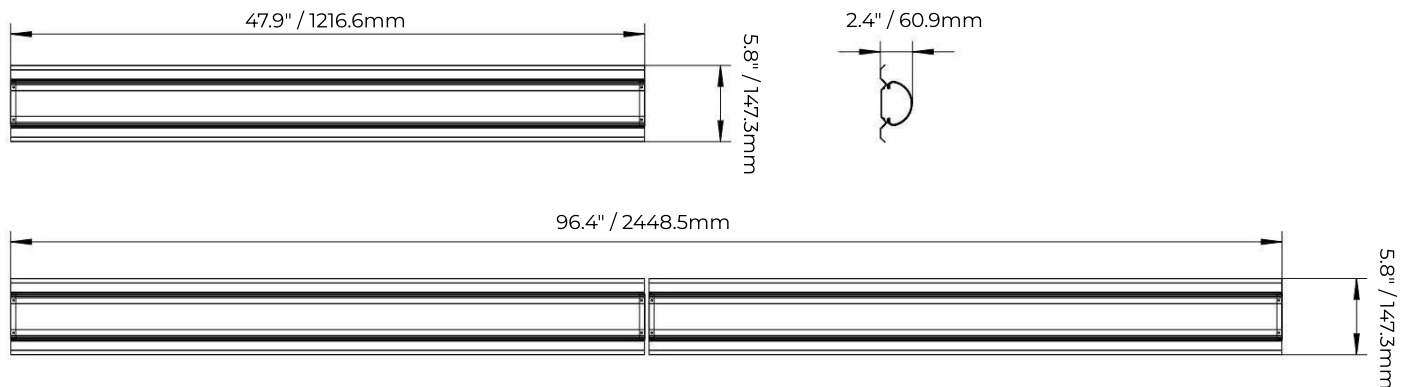
- Life Span: L70 over 100,000 hours, ensuring long-lasting performance with minimal maintenance.
- Working Temperature: Operates reliably in extreme temperatures ranging from -40°F to 113°F.
- Storage Temperature: Can be stored safely between -40°F and 176°F.
- Rated for damp locations, making it suitable for environments with moderate moisture exposure.

▪ Warranty

- 5-year limited warranty, providing assurance of product reliability and support

Dimension

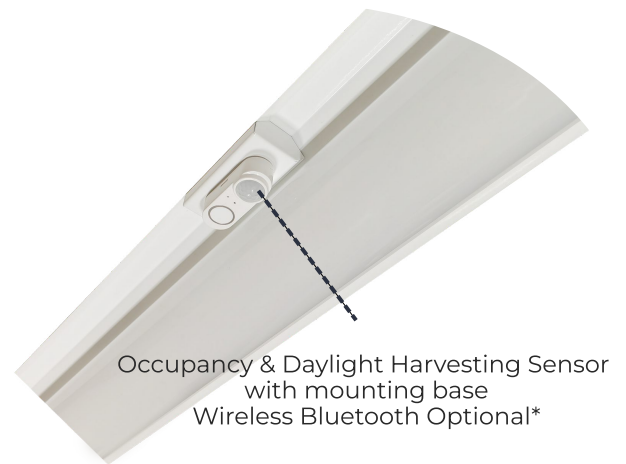
Strip Retrofit Kit



Switch&Sensor

CCT Selectable
Switch

Power Selectable
Switch



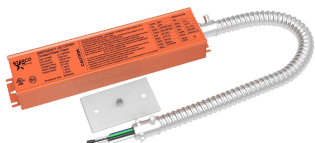
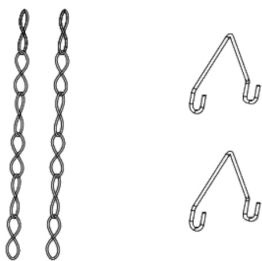
Order Information

Example: SE-SRK-P2-CS-U-M

SE	SRK						
Series	Type	Length	Performance Package	Dimming	Color Temperature	Voltage	Efficacy
SE =Starconomy	SRK =Strip Retrofit Kit	48 =48" 96 =96"	40 =20/25/35/40W 80 =40/55/70/80W	D =0-10V Dimming	CS =3000/3500/ 4000/5000K/ 6500K	U =120-277V H =120-347V	SE =Standard Efficacy 130lm/w HE =High Efficacy 150lm/w
Options							
Blank =No Sensor M =Occ & Daylight Sensor S =Bluetooth Occ & Daylight Sensor							

Accessories

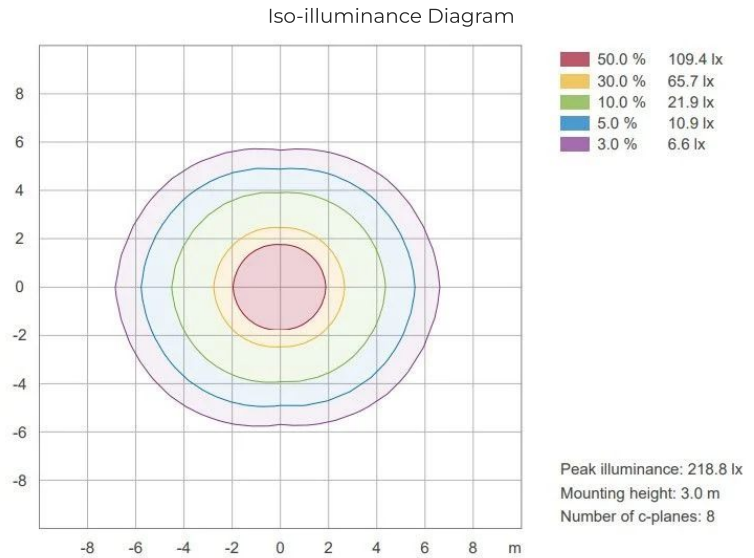
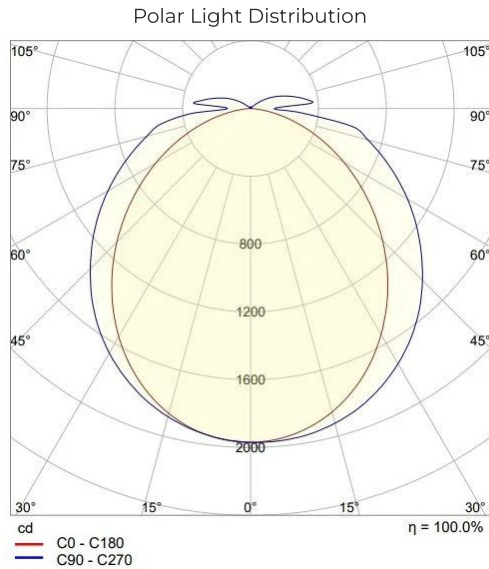
Strip Retrofit Kit

<p>EMD-10</p> <p>EMD-20</p> <p>EMD-30</p>		<p>10W Emergency LED Battery Backup</p> <p>20W Emergency LED Battery Backup</p> <p>30W Emergency LED Battery Backup</p>
<p>SLHB5VKCS</p>		<p>3FT Hanging Chain Kit</p>

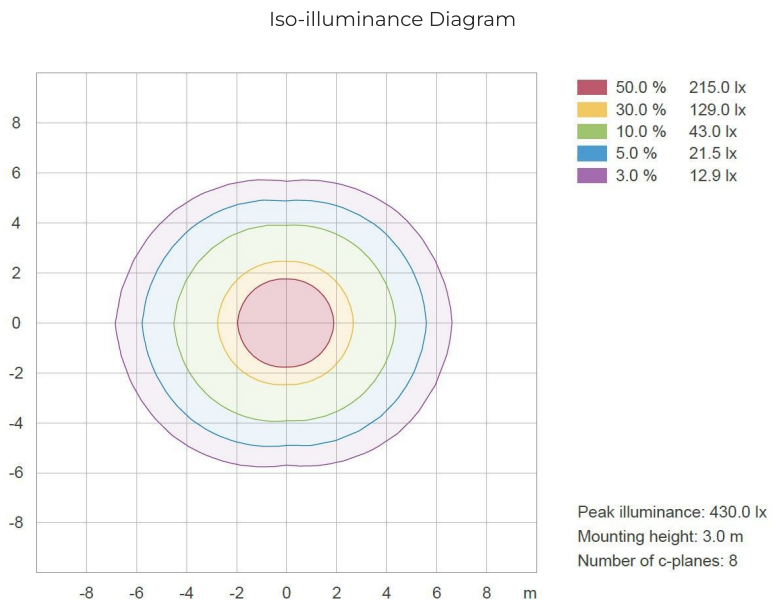
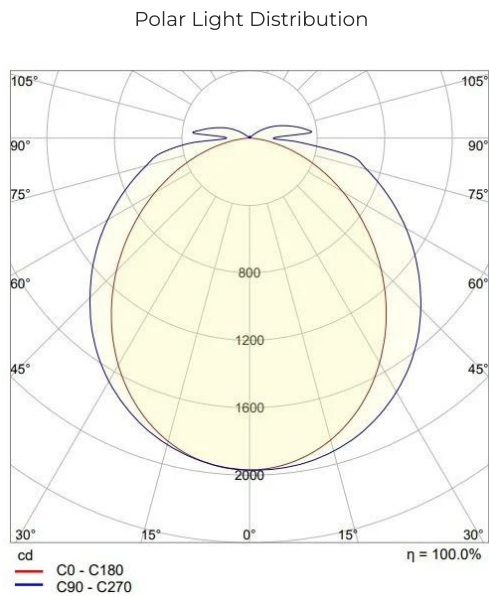
Photometrics

Strip Retrofit Kit

SE-SRK-48-40 (40W)



SE-SRK-96-80 (80W)



Performance Table

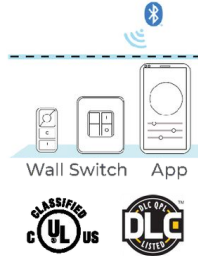
Strip Retrofit Kit

Performance Package	Wattage	CCT	Lumen Output	Efficacy
20/25/35/40	20	3000K	3060	153
		3500K	3100	155
		4000K	3140	157
		5000K	3160	158
		6500K	3160	158
	25	3000K	3875	155
		3500K	3925	157
		4000K	3975	159
		5000K	3950	158
		6500K	3950	158
	35	3000K	5355	153
		3500K	5425	155
		4000K	5495	157
		5000K	5530	158
		6500K	5530	158
	40	3000K	6080	152
		3500K	6120	153
		4000K	6200	155
		5000K	6240	156
		6500K	6240	156
40/55/70/80	40	3000K	6120	153
		3500K	6200	155
		4000K	6280	157
		5000K	6320	158
		6500K	6320	158
	55	3000K	8525	155
		3500K	8635	157
		4000K	8745	159
		5000K	8690	158
		6500K	8690	158
	70	3000K	10710	153
		3500K	10850	155
		4000K	10990	157
		5000K	11060	158
		6500K	11060	158
	80	3000K	12160	152
		3500K	12240	153
		4000K	12400	155
		5000K	12480	156
		6500K	12480	156

Wireless Control

Strip Retrofit Kit

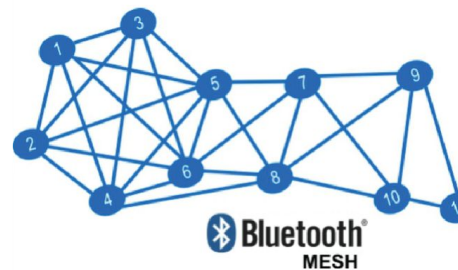
Bluetooth Mesh Wireless Motion&Daylight Sensor



Features

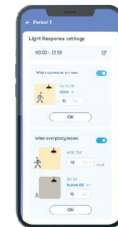
- 2 channels 0-10V
- 12-24VDC powered
- PIR motion sensing
- Ambient daylight sensing
- Output: 15mA @0-10VDC
- Dimming range: 0-100%
- Working temperature: -20 to 50°C (-4 to 122°F)
- BLE5.2 based non-flooding intelligent communication
- Available with either an audio jack or a Zhaga Book 18 connector
- IP65 rated for outdoor applications

Our lights feature integrated Bluetooth Mesh wireless sensors, enabling seamless wireless control for enhanced efficiency and flexibility. This technology allows for real-time monitoring, automated adjustments, and energy savings without the need for additional wiring, making installation and operation simple and cost-effective.



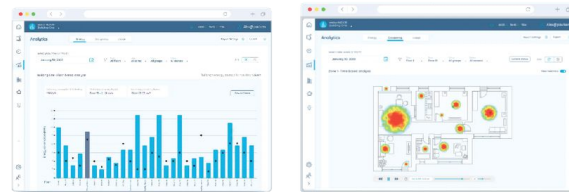
Mobile App

- For commission, configuration and controlling lighting networks including device replacement feature that makes commission easier.
- Setting up schedules, scenes and animations for individual devices or groups or zones
- Always get the latest features and improvements using OTA updates for devices
- Safe and reliable communication with AES 128-bit encryption and ensure safety using 4-digit code



Desktop App

- Track power usage and access reports.
- Occupancy pattern and device usage
- Emergency testing report



BMS Intergration

- Starco Control ecosystem leverages the Niagara framework to intergrate with any of the 120+ BMS protocols.
- Very simple to connect as plugging the two systems into a common Ethernet network.
- All data can be shared and BMS can monitor and control the lighting system.
- Adding OpendADR gateway, the customer can take advantage of any current or future utility demand response programs including peak pricing, capacity bidding and direct load control

