



Description

LSFDS Series smart LED strip lights offer optimal versatility and customization for various applications. One type of fixture can outfit an entire facility, adjusting to different lighting needs in each unique space. The curved lens diffuses light while the Bluetooth Mesh allows control of multiple fixture from one device. Adjust brightness and CCT via the app to suit your needs. Ideal for new construction applications, such as basements, workshops, and commercial spaces.

Features

- Wireless control via mobile APP or Bluetooth wall switch (optional)
- Multifunction Sensor: occupancy and daylight sensing
- Luminaire Level Lighting Control (LLLC) with Energy Monitoring and High End Trim
- Flexible zoning and grouping with scene and time scheduling control

Mechanical

- Steel housing, polycarbonate lens
- Suitable for damp locations

Electrical

- 120-277 VAC input
- 100,000 hour lifetime

Photometrics

- 110° beam angle
- Up to 132 lm/W
- Selectable CCT (3000K / 4000K / 5000K), tunable via the app

Available Models¹

- LSFDS-TWC345-BLE

Part Number Breakdown

Example: LSFDS-TWC345-BLE

Series	CCT	Wattage	Control
LSFDS	TWC3 [App selectable and tunable]	45 [45 W]	BLE [Bluetooth Mesh]

Applications

Easily replace traditional T5 and T8 fluorescent strip fixtures for many applications including garages, shops, warehouses, and other work or storage areas.

Certifications and Compliances

- Certified by UL - UL 1598 and UL 8750
- IoT security verified Gold (UL MCV 1376)
- DLC 5.1 Standard listed

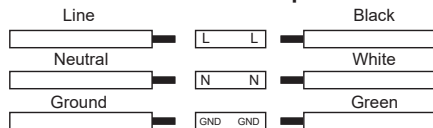


Warranty

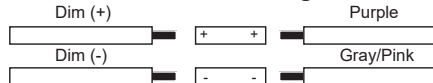
- Five (5) year

Wiring Diagram

120-277 VAC Input



0-10 V Dimming

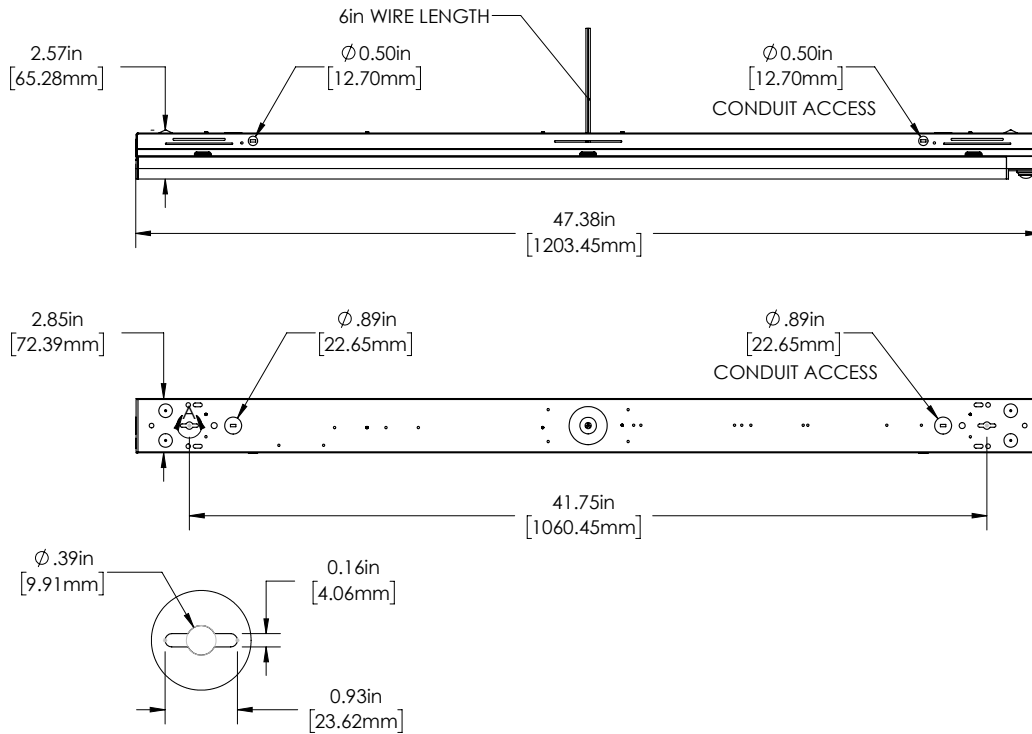


¹Contact customer service if interested in options other than those listed.

LSFDS Series

Bluetooth LED Strip Light Specifications

Dimensional Drawing



Specifications

Model		LSFDS-TWC345-BLE
Lumens (max)		5,940 lm
Power Consumption		45 W
Current Draw	120 VAC	415 mA
	277 VAC	180 mA
Operating Voltage		120-277 VAC
Efficacy		Up to 132 lm/W
Color Temperature		Selectable (3000K / 4000K / 5000K) and tunable via app
Dimming		0-10V continuous via built-in sensor for app or wall switch
Control Systems		Keilton app or wall switch
Communication		Bluetooth Mesh
Beam Angle		110°
CRI		80+
Power Factor		≥ 0.9
Environmental Rating		Suitable for damp locations
Rated Life (L70)		100,000 hours
Ambient Operating Temperature		-4°-113° F (-20°-45° C)

