

JSQ

An economical, discreet replacement for linear fixtures: the JSQ is a thin-profile 4ft strip light at $\geq 130\text{lm/W}$, DLC listed.

Assembly line

Storage

Stairwell

Public spaces

Garage



Project Information

Type: Date:
Project:
Catalog #:
Notes:



Key Specifications

Electrical

Input voltage	120-277/347V
Power factor	>0.9
Total harmonic distortion	<20%
Dimming	0-10V dimming
Power	25/30/40W

Optical

Efficacy	$\geq 130\text{lm/W}$
CRI	80 CRI
CCT	35K · 40K · 50K
Distribution	Lambertian 120°

Physical

Type	Linear strip light · thin profile
Length	4ft
Mounting options	Suspended · Surface mount
Fixture finish	White
Custom design	Continuous run
Ambient temperature range	-20°C to 45°C

Certifications

Listings	UL E509450 · RoHS
DLC	DLC Listed · DLC Premium

System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L85 at 50000h

Rated for 85% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-SF-JSQCA

Catalog #:

01 FIXTURE FAMILY



AE-SF-JSQCA

ERALUX JSQ Linear Strip Fixture · White finish

02 LENGTH | POWER

-0440

4ft · 25/30/40W
2600/3900/5200lm

03 CRI | CCT

-835-50

80 CRI

-835-50

80 CRI · 35/40/50K Switchable

04 CONTROLS

Blank

0-10V dimming

-EM

Emergency
backup

-MS

Bi-level motion
sensor

-EMS

Bi-level motion
sensor ·
Emergency
backup

05 MOUNTING

Blank

Surface mount

-SUSP

Suspended ¹

Note 1. 2x 8ft aircraft cables (standard for all sizes).

Caution. If there are multiple fixtures connected to the same 0-10V dimming line, a 0-10V controller must be considered to enable consistent dimming across the fixtures. Failure to do so will lead to inconsistent dimming and behaviors in the fixtures. Single switch is not recommended for controlling multiple fixtures simultaneously.

[Install Instruction link](#)

Ordering Guide - Link Kits

Assembled Catalog Number

[RESET](#)

AE-SF-JSQCA

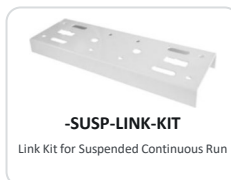
Catalog #:

01 LINK



-SMT-LINK-KIT

Link Kit for Surface Mounted Continuous
Run



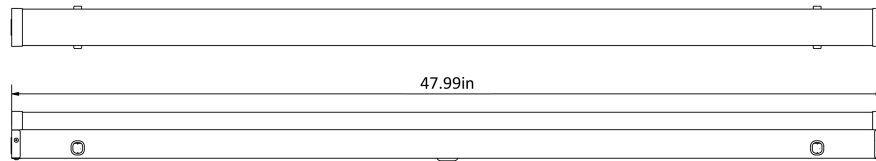
-SUSP-LINK-KIT

Link Kit for Suspended Continuous Run

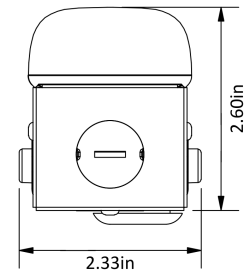
Dimensions

Dimensions - Fixture (4ft)

Top/Bottom view

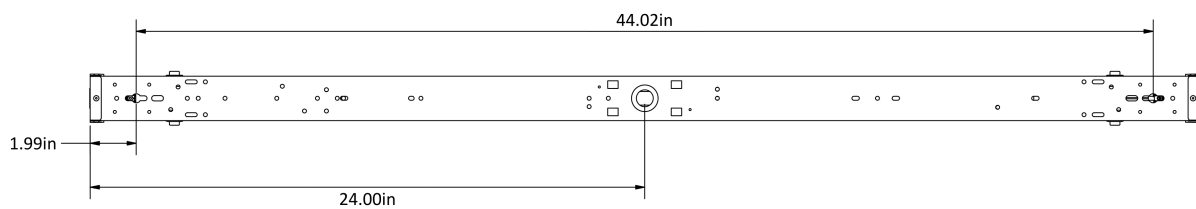


Side view



Dimensions - Mounting (4ft)

Drilling pattern for surface mount



Accessories

Ordered separately if needed.

Surface mount



Suspended



AE-SF-JSQA-SMT-LINK-KIT

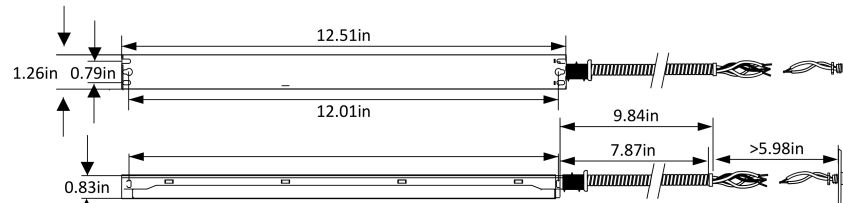
Surface mount link bracket for continuous run · 8ft connection cables

AE-SF-JSQA-SUSP-LINK-KIT

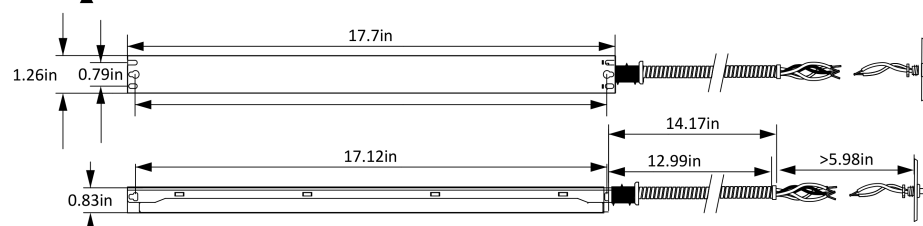
Link bracket for continuous run · 8ft connection cables

Dimensions - Emergency LED Driver (BLD-YTXXD-XXX)

BLD-YT08D-XXX



BLD-YT15D-XXX



DLC Model & Controls

DLC Model

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-FHBP8Z	AE-SF-JSQCA-0225-835-50-[Blank,MS]	Indoor	Standard
5.1	S-NYCFHY	AE-SF-JSQCA-0225-835-50-[Blank,MS]	Outdoor	Premium
5.1	S-H74Y96	AE-SF-JSQCA-0440-835-50-[Blank,EM,EMS,MS]	Outdoor	Premium
5.1	S-QRPS2Z	AE-SF-JSQCA-0440-835-50-[Blank,EM,EMS,MS]	Indoor	Standard
5.1	S-9KFKFK	AE-SF-JSQCA-0870-835-50-[Blank,EM,EMS,MS]	Indoor	Standard
5.1	S-T44D93	AE-SF-JSQCA-0870-835-50-[Blank,EM,EMS,MS]	Outdoor	Premium

Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Controls - Emergency LED Driver (BLD-YTXXD-XXX)

BLD-YT08D-XXX · BLD-YT15D-XXX



The BLD-YTXXD-XXX series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90min of lighting. With an integrated battery, charger, and converter, it delivers 8W or 15W constant power at 30-60V DC. Its slim shape is ideal for use in linear LED lighting fixtures.

Specifications

Input voltage	100-347V
Power frequency	50/60Hz
Output voltage	30-60V DC
Output power	8W 15W
Ambient temperature	0°C to 50°C · 30°F to 122°F
Installation	Integrated

Controls - Bi-level Motion Sensor (-MS / -EMS)

Specifications

Operating voltage	12V DC
Output	0-10V
IP rating	IP20
Detection range	13.1-32.8ft
Standby power	<0.5W
Motion detection	1.6~4.9ft/s
Daylight threshold	2/10/50lux/disabled
Installation	Fixture integrated
Hold time	5s/30s/1min/10min
Stand-by period	0s/30s/20min/+∞

