

LINEAR LED LIGHT

Linear Strip Light | 4' & 8' | Thin Profile

The JSQ series is the economical and yet discrete replacement for linear fixtures. It is available in 2-, 4- and 8-foot lengths and is designed to meet installation needs for surface mounted requirements. This luminaire offers a performance above 130 LPW while showing great versatility in operating voltage from 120 to 347V. The luminous part is integrated and fastened to fixture body by snap-locks which makes it an easy to open fixtures. Applications: Assembly line | Storage | Stairwell | Public spaces | Garage

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				

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[Install Instruction link](#)



SPECIFICATIONS

Input Voltage	120-347V	
Power Factor	>0.9	
Total Harmonic Distortion	<20%	
Dimming Page 3	0-10V dimming	
CRI	80 CRI	
CCT	35K 40K 50K	
Efficacy	≥130 lm/w	~1200 lm/ft
Length	4'	8'
Power (W)	25/30/40	50/60/70
Ambient Temperature Range	-20°C to 45°C	
Mounting Options	Suspended Surface mount	
Fixture Finish	White	
Custom Design	Continuous run	
Distribution	 Lambertian 120°	

PRODUCT FEATURES



PRODUCT CERTIFICATIONS



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" [page 3](#)

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 a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L85 at 100,000 hours

Rated for 85% initial lumen output at 100,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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ORDERING GUIDE

AE-SF-JSQCA		-835-50		
AE-SF-JSQCA ERALUX JSQ Linear strip fixture White Finish	-04 40 4 Ft 20/30/40W 5,200/3,900/2600 Lm -08 70 8 Ft 50/60/70W 9,100/7,800/6,500 Lm	-835-50 80 CRI 35/40/50K Switchable	[BLANK] 0-10V Dimming -EM¹ Emergency Backup -MS Bi-level motion sensor -EMS Bi-level motion sensor Emergency Backup	-SMT Surface mount -SUSP² Suspended
Fixture Family	Length Power	CRI CCT	Control	Mounting

NOTE:

- Emergency backup battery not available with 2 FT fixture.
- 2 of 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.



ORDERING GUIDE - ACCESSORY



AE-SF-JSQCA-SMT-LINK-KIT

Link kit for surface mount continuous run

AE-SF-JSQCA-SUSP-LINK-KIT

Link kit for suspended continuous run

[Link](#)

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DIMENSIONS - FIXTURE

SIZE	TOP/BOTTOM VIEW	SIDE VIEW
4FT		
8FT		

DIMENSIONS - MOUNTING

SIZE	DRILLING PATTERN FOR SURFACE MOUNT
4FT	
8FT	

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ACCESSORIES

Ordered separately if needed

SURFACE MOUNT

ORDER CODE	DESCRIPTION	PICTURE
AE-SF-JSQCA-SMT-LINK-KIT	Surface mount link kit for continuous run With 8ft cables	

SUSPENDED

ORDER CODE	DESCRIPTION	PICTURE
AE-SF-JSQCA-SUSP-LINK-KIT	Link kit: Link bracket and 8 ft connection cables for continuous run	



DLC MODEL	PRODUCT ID	APPLICATION
AE-SF-JSQCA-0225-835-50-[Blank, EM, EMS, MS]	S-FHBP8Z	(Direct linear ambient) – DLC
AE-SF-JSQCA-0225-835-50-[Blank, EM, EMS, MS]	S-NYCFHY	(Stairwells and passageways) – DLC Premium
AE-SF-JSQCA-0440-835-50-[Blank, EM, EMS, MS]	S-QRPS2Z	(Direct linear ambient) – DLC
AE-SF-JSQCA-0440-835-50-[Blank, EM, EMS, MS]	S-H74Y96	(Stairwells and passageways) – DLC Premium
AE-SF-JSQCA-0870-835-50-[Blank, EM, EMS, MS]	S-T44D93	(Stairwells and passageways) – DLC Premium
AE-SF-JSQCA-0870-835-50-[Blank, EM, EMS, MS]	S-9KFKFK	(Direct linear ambient) – DLC

DIMMER COMPATIBILITY LIST

BRAND	MODEL	BRAND	MODEL
LUTRON	NTSTV-DV	LEVITON	AWSMT-7DM
	DVTV		DD710-BDZ
	DVSTV		DS710-10Z
HUBBELL	LHD-IRS3-N-WH	LEGRAND	WS4FBL3PTC
COOPER	SF10P		RH4FBL3PTC

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CONTROLS

EMERGENCY LED DRIVER (BLD-YTXXD-XXX)

BLD-YT08D-XXX

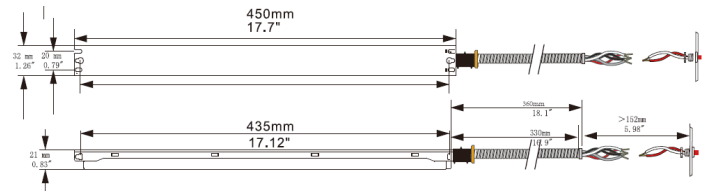
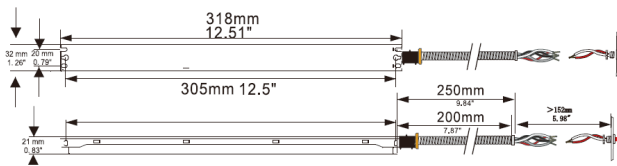
BLD-YT15D-XXX



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 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 8 or 15W constant power at 30-60VDC. Its slim shape is ideal for use in linear LED lighting fixtures.

SPECIFICATIONS

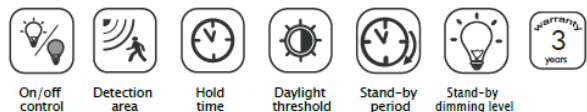
Input Voltage	100-347Vac
Power Frequency	50/60HZ
Output Voltage	30-60VDC
Output Power	8W 15W
Ambient Temperature	0°C to 50°C
	30°F to 122°F
Installation	Integrated



ROOM OCCUPANCY SENSOR

SPECIFICATIONS

Operating voltage	12 VDC
Output	0-10V
IP rating	IP20
Detection Range	4-10 Meters
	13.1-32.8 Feet
Standby Power	<0.5W
Motion Detection	0.5~1.5 m/s
Daylight Threshold	2/10/50Lux/disabled
Installation	Fixture integrated
Hold Time	5s/30s/1min/10min
Stand-by Period	0s/30s/20min/+∞



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LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS

CCT	3500K	4000K	5000K
PREMIUM (90CRI)	0.97	1	1.03

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-JSQA-0440		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc	Beam Width		
Wattage	40W	0-20°	537.12	10.1		1.7ft	535 fc	4.1 ft	7.1 ft
CCT	4000K	0-30°	1132.43	21.2		3.3ft	142 fc	8.0 ft	13.8 ft
Distribution	120°	0-40°	1844.86	34.6		5.0ft	61.9 fc	12.2 ft	20.9 ft
Length	4ft	0-60°	3292.06	61.7		6.7ft	34.5 fc	16.3 ft	28.0 ft
		0-80°	4335.31	81.2		8.3ft	22.5 fc	20.2 ft	34.7 ft
		0-90°	4632.71	86.8		10.0ft	15.5 fc	24.3 ft	41.8 ft
						■ Vert. Spread: 101.2° ■ Horiz. Spread: 128.9°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-JSQA-0870		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc	Beam Width		
Wattage	70W	0-20°	984.48	10.1		1.7ft	535 fc	4.1 ft	7.1 ft
CCT	4000K	0-30°	2076.17	21.3		3.3ft	142 fc	8.0 ft	13.8 ft
Distribution	120°	0-40°	3381.15	34.8		5.0ft	61.9 fc	12.2 ft	20.9 ft
Length	8ft	0-60°	6022.54	61.9		6.7ft	34.5 fc	16.3 ft	28.0 ft
		0-80°	7912.88	81.4		8.3ft	22.5 fc	20.2 ft	34.7 ft
		0-90°	8446.71	86.9		10.0ft	15.5 fc	24.3 ft	41.8 ft
						■ Vert. Spread: 101.2° ■ Horiz. Spread: 128.9°			

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OVERVIEW



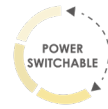
Innovative Design

- Extruded aluminum housing for better heat dissipation.
- Highly durable polycarbonate and high transmittance lens.



Multiple Options

- Three standard length available; 4 and 8ft.
- Three CCT switchable and power tunable.
- Black & white finishes.
- EMBB & motion sensor available.



Mountings Available

- Suspended
- Surface mount



Tests And Certifications

