JSQ

LINEAR LED LIGHT

eralux®

DATE	QTY	ACC. QTY	TYPE
DAIL	Q.,	Acc. QII	1117

Linear Strip Light | 2', 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-feet 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

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PROJECT			
PN			
ACCESSORY PN			
NOTES			

P DYNAMIC MENU		
Order Information	Page 2	
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Accessories	Page 4	
Photometric Data	Page 6	

Install Instruction link

SPECIFICATIONS

Input Voltage	120-347V				
Power Factor	>0.9				
Total Harmonic Distortion	<20%				
Dimming Page 3	0-10V dimm	ing			
CRI	80 CRI				
ССТ	35K 40K 50K				
Efficacy	≥130 lm/w ~12		~120	00 lm/ft	
Length	2′	4′		8'	
Power (W)	15/20/25	25/3	0/40	50/60/70	
Ambient Temperature Range	-20°C to 45°	С			
Mounting Options	Suspend	ded	Surfa	ce mount	
Fixture Finish	White				
Custom Design	Continuous	run			
Distribution	Lamber	rtian			

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).

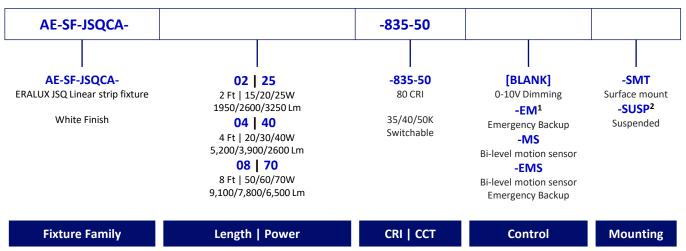


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ORDERING GUIDE



NOTE:

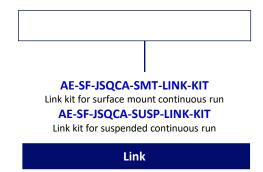
- 1. Emergency backup battery not available with 2 FT fixture.
- 2. 2 of 8ft aircraft cables standard for all sizes

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.

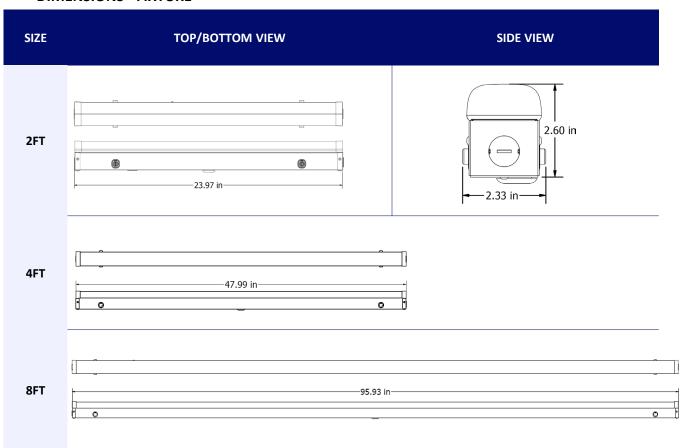


ORDERING GUIDE - ACCESSORY

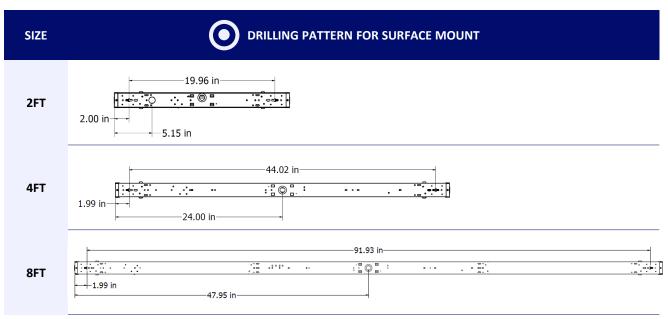


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DIMENSIONS - FIXTURE



DIMENSIONS - MOUNTING





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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 COMPATIBILTY LIST

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



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CONTROLS

EMERGENCY LED DRIVER (BLD-YTXXD-XXX)

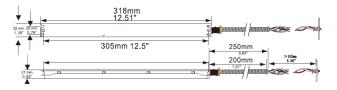
BLD-YT08D-XXX

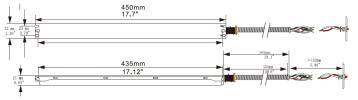
BLD-YT15D-XXX



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	0°C to 50°C	
Temperature	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/+∞		

















On/off control

area

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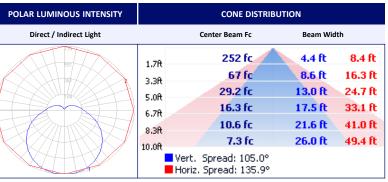
LUMEN ESTIMATE

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:

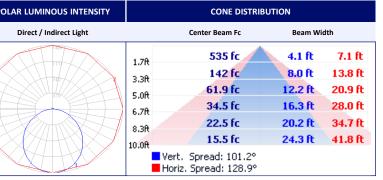
LUMEN ESTIMATE ADJUSTMENT FACTORS			
сст	3500K	4000K	5000Κ
PREMIUM (90CRI)	0.97	1	1.03

PHOTOMETRIC DATA

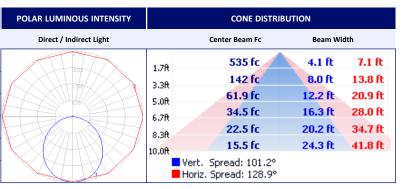
PART NUI	MBER	ZONA	AL LUMEN SI	JMMARY	
AE-SF-JSQC	A-0225	Zone	Lumens	% Fixture	_
Wattage	20W	0-20°	267.48	9.5	
сст	4000K	0-30°	568.61	20.2	
Distribution	120°	0-40°	934.48	33.2	
Length	2ft	0-60°	1691.8	60.1	1
		0-80°	2244.92	79.8	1
		0-90°	2406.5	85.5	



		POLAR LUMINOUS INTENSITY	ZONAL LUMEN SUMMARY			PART NUMBER	
Center		Direct / Indirect Light	% Fixture	Lumens	Zone	CA-0440	AE-SF-JSQ
A	1.7ft		10.1	537.12	0-20°	40W	Wattage
	3.3R	R CONTRACTOR OF THE PROPERTY O	21.2	1132.43	0-30°	4000K	ССТ
	5.0A	1966	34.6	1844.86	0-40°	120°	Distribution
	6.7ft		61.7	3292.06	0-60°	4ft	Length
T .	8.3ft 10.0ft		81.2	4335.31	0-80°		
■ Vert. Spre ■ Horiz. Spre			86.8	4632.71	0-90°		



PART NU	ZONAL LUMEN SUMMARY			
AE-SF-JSQ0	Zone	Lumens	% Fixture	
Wattage	70W	0-20°	984.48	10.1
сст	4000K	0-30°	2076.17	21.3
Distribution	120°	0-40°	3381.15	34.8
Length	8ft	0-60°	6022.54	61.9
		0-80°	7912.88	81.4
		0-90°	8446.71	86.9



OVERVIEW





Innovative Design

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





- Three standard length available; 2, 4, 8ft.
- Three CCT switchable and power tunable.
- · Black & white finishes.
- EMBB & motion sensor available.











Mountings Available

- Suspended
- Surface mount





Tests And Certifications











