

JOBBER

Easy to place and simple to run: JOBBER's power and CCT adjust in the field, and the row link joins fixtures into continuous runs. Add an external PIR sensor or a microwave sensor hidden behind the lens for bi-level dimming, surface or suspended.

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
THD	< 20%
Dimming	0-10V
Power	15W to 90W

Optical

Efficacy	≥130lm/W · 1475lm/ft
CRI	80 · 90
CCT	Switchable 3500/4000/5000K
Distribution	Lambertian 120°

Physical

Lengths	2ft · 4ft · 8ft
Mounting	Surface · Suspended
Finish	White · Black
Housing	Extruded aluminum
Lens	Polycarbonate, high transmittance
Custom	Continuous run
Ambient	-20°C to 50°C
Accessories	Row link · Suspension · Wire guard

Certifications

Listings	cULus · DLC Premium · RoHS
Lumen maintenance	L75 at 50000h

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

L75 at 50000h

Rated for 75% 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-JB

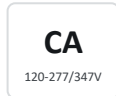
Catalog #:

01 FIXTURE FAMILY



AE-SF-JB
ERALUX Jobber linear strip fixture

02 VOLTAGE



CA

120-277/347V

03 LENGTH | POWER

-0225/20/15

2ft · 15/20/25W

~~-0445/38/34~~
NOT AVAILABLE

4ft · 34/38/45W

-0890/75/65

8ft · 65/75/90W

-0225/20/15 · -0445/38/34 · -0890/75/65

2ft 1950/2600/3250lm · 4ft 4454/4978/5895lm · 8ft 8515/9825/11790lm

04 CRI | CCT

-835-50

80 CRI

-935-50

90 CRI ^{3 4}

-835-50 · -935-50

80 or 90 CRI, 3500/4000/5000K switchable

05 EMBB

Blank

No option

-EM

8W emergency backup ¹

06 SENSOR

Blank

No option

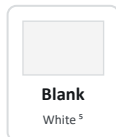
-MS

Bi-level motion sensor

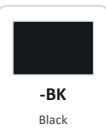
-MS-PIR

Infrared motion sensor ²

07 FINISH



Blank
White ⁵



-BK
Black

1. Emergency backup battery is not available with the 2ft fixture. 2. The PIR motion sensor is only available on the 4ft and 8ft fixtures. 3. 30/40/50K switchable is available upon request. 4. 90 CRI is not available for the 2ft. 5. White finish is only available in the 2ft and 8ft fixtures.

Caution: where several fixtures share one 0-10V dimming line, a 0-10V controller is required for consistent dimming. A single switch is not recommended for controlling multiple fixtures simultaneously.

Installation instructions: [Install Instruction REMOTE CONTROLLER](#) · [Install Instruction Jobber](#)

Ordering Guide - Accessory

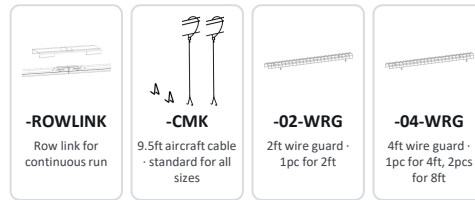
Assembled Catalog Number

RESET

AE-SF-JB

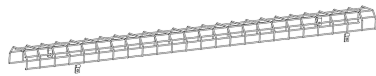
Catalog #:

01 ACCESSORY



Accessories for Suspended

Ordered separately if needed.



Wire Guard

AE-SF-JB-02-WRG · AE-SF-JB-04-WRG

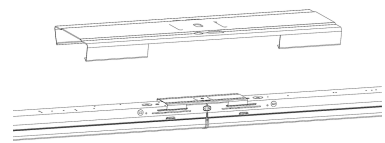
2ft wire guard: 1 piece for 2ft. 4ft wire guard: 1 piece for 4ft (order 2 pieces for 8ft fixture). It shields the LED and lens from physical damage.



Suspension Kit

AE-SF-JB-CMK

Two 9.5ft aircraft cables & two V-hooks.



Link Kit

AE-SF-JB-ROWLINK

Row link for continuous run.

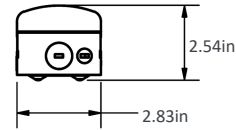
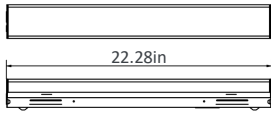
DLC Model

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-O6AL1C	AE-SF-JBCA-0225/20/15-835-50	Outdoor	Premium
5.1	S-6HZI84	AE-SF-JBCA-0445/38/34-835-50	Outdoor	Premium
5.1	S-7N3OGX	AE-SF-JBCA-0445/38/34-835-50	Indoor	Standard
5.1	S-H28RYN	AE-SF-JBCA-0445/38/34-835-50-(MS,EM,Blank,Both)	Indoor	Standard
5.1	S-92K3PE	AE-SF-JBCA-0890/75/65-835-50	Outdoor	Premium
5.1	S-BSKVP8	AE-SF-JBCA-0890/75/65-835-50	Indoor	Standard
5.1	S-9JXMXW	AE-SF-JBCA-0890/75/65-835-50-(MS,EM,Blank,Both)	Indoor	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.

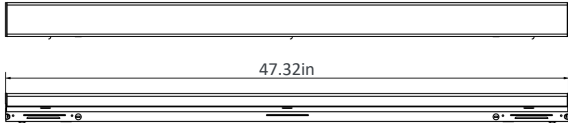
Dimensions

Dimensions - Fixture



2ft

Top / front view

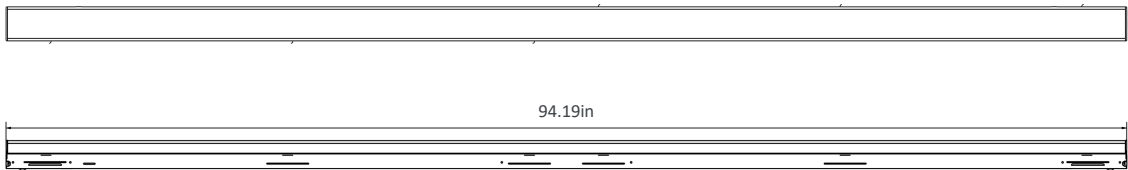


Side view

All lengths

4ft

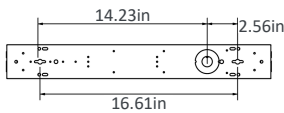
Top / front view



8ft

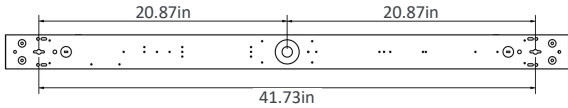
Top / front view

Dimensions - Mounting



2ft

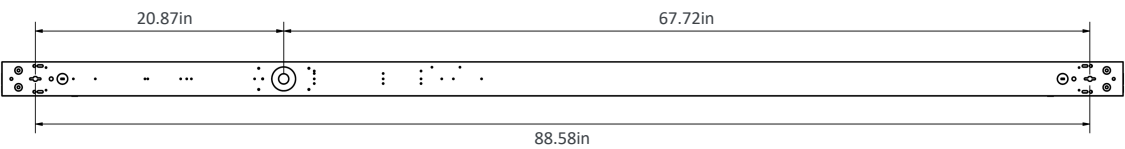
Drilling pattern for surface mount



4ft

Drilling pattern for surface mount

Dimensions (continued)



8ft

Drilling pattern for surface mount

Controls

Emergency LED Driver (-EM)



This LED emergency driver is UL listed, and it is factory installed. It switches to emergency mode during power failures, providing up to 90min of lighting. With an integrated battery, charger, and converter, it delivers 8W, 15W or 25W constant power at 50-180V DC. Its slim shape is ideal for use in linear strip lighting fixtures.

Specifications

Input voltage	100-347V
Power frequency	50/60Hz
Output voltage	50-180V DC
Output power	8W
Ambient temperature	0°C to 50°C · 32°F to 122°F
Installation	Integrated

PIR Motion Sensor (-MS-PIR)



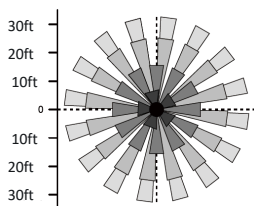
AE-PIR-D-ANT-703P-C

Plug-in bi-level PIR sensor

Factory Mode - Factory Default Setting

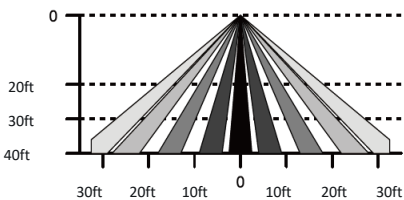
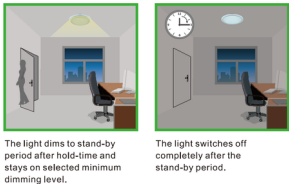
Sensitivity	100%
Hold on time	15min
Daylight sensor	ON
Dimming level	30%
Dimming time	1min

Area Coverage



AE-PIR-D-RMT-RC200

Remote control for the motion sensor



Controls

Bi-level Microwave Motion Sensor (-MS)



PART NUMBER	DESCRIPTION
AE-SF-JB-MOTIONSENSOR	Bi-Level Microwave Motion Sensor
AE-SF-JB-MOTIONSENSOR-RMT	RM51 Remote Control

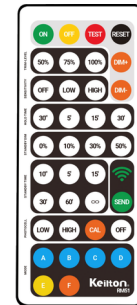
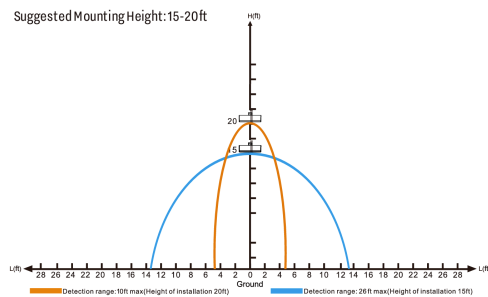
Specifications

Input voltage	12V DC
Input current	40mA
Standby power	36mW
IP rating	IP20
Detection range	9.8-26ft
Mounting height	20ft max
Operating temperature	-22°F to 131°F · -30°C to 55°C

Note: There may be interference with the sensor beyond our control which could cause the sensor to not function optimally.

The -MS option is this microwave sensor (AE-SF-JB-MOTIONSENSOR). The Bluetooth sensor MWS105E + FA102 listed on the Sensor & Dimming page is a different sensor and is not the -MS option.

Zone Coverage



RM51 remote control

Parameters

Default mode (Reset)	Motion → 100%, No Motion ≥ 5min → DIM to 30%, No Motion ≥ 60min → Off.
DIM+ / DIM-	Control the dimming of the fixture
Trim level	Set maximum threshold value at 50%, 75%, or 100%.
Sensitivity	OFF (PIR OFF, Enter PC ON/OFF function) / LOW 50% / HIGH 100%
Hold time	Time of no occupancy after the fixture goes to standby: 30s / 5min / 15min / 30min
Standby DIM	Select any standby dim level: 0% / 10% / 30% / 50%
Standby time	10s / 5min / 15min / 30min / 1h / ∞.
	"∞" means the standby time is infinite, and the fixture is effectively controlled by the daylight sensor.
Photocell	LOW (1Fc) / HIGH (50Fc) / CAL (Collects the current Lux Level) ON.

Photometric Data

Lumen Estimate Adjustment Factors

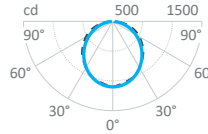
3500K $\times 0.97$ 4000K $\times 1$ 5000K $\times 1.03$

Factors for 80 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-SF-JBCA-0225

2ft · 25W · 5000K

		ZONE	LUMENS	% FIXTURE
Wattage	25.4W	0-20°	391.70	12.60
CCT	5000K	0-30°	826.80	26.59
Distribution	120°	0-40°	1345.21	43.26
Length	2ft	0-60°	2372.04	76.29
		0-80°	3014.08	96.94
		0-90°	3109.37	100.00

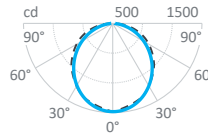


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	381	4.6ft 5.4ft
3.3ft	101	8.9ft 10.5ft
5.0ft	44.0	13.5ft 15.9ft
6.7ft	24.5	18.2ft 21.3ft
8.3ft	16.0	22.5ft 26.3ft
10.0ft	11.0	27.1ft 31.7ft
Vert. spread		107.1°
Horiz. spread		115.6°

AE-SF-JBCA-0445

4ft · 34W · 5000K

		ZONE	LUMENS	% FIXTURE
Wattage	34W	0-20°	527.90	12.60
CCT	5000K	0-30°	1114.29	26.59
Distribution	120°	0-40°	1812.96	43.26
Length	4ft	0-60°	3196.84	76.29
		0-80°	4062.13	96.94
		0-90°	4190.56	100.00

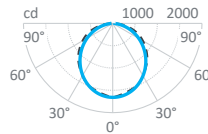


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	513	4.6ft 5.4ft
3.3ft	136	8.9ft 10.5ft
5.0ft	59.3	13.5ft 15.9ft
6.7ft	33.0	18.2ft 21.3ft
8.3ft	21.5	22.5ft 26.3ft
10.0ft	14.8	27.1ft 31.7ft
Vert. spread		107.1°
Horiz. spread		115.6°

AE-SF-JBCA-0445

4ft · 38W · 5000K

		ZONE	LUMENS	% FIXTURE
Wattage	38W	0-20°	590.01	12.60
CCT	5000K	0-30°	1245.38	26.59
Distribution	120°	0-40°	2026.24	43.26
Length	4ft	0-60°	3572.92	76.29
		0-80°	4540.01	96.94
		0-90°	4683.55	100.00

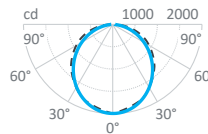


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	573	4.6ft 5.4ft
3.3ft	152	8.9ft 10.5ft
5.0ft	66.3	13.5ft 15.9ft
6.7ft	36.9	18.2ft 21.3ft
8.3ft	24.1	22.5ft 26.3ft
10.0ft	16.6	27.1ft 31.7ft
Vert. spread		107.1°
Horiz. spread		115.6°

AE-SF-JBCA-0445

4ft · 45W · 5000K

		ZONE	LUMENS	% FIXTURE
Wattage	45.8W	0-20°	710.49	12.60
CCT	5000K	0-30°	1499.70	26.59
Distribution	120°	0-40°	2440.02	43.26
Length	4ft	0-60°	4302.55	76.29
		0-80°	5467.13	96.94
		0-90°	5639.97	100.00



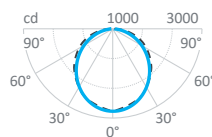
DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	690	4.6ft 5.4ft
3.3ft	183	8.9ft 10.5ft
5.0ft	79.8	13.5ft 15.9ft
6.7ft	44.5	18.2ft 21.3ft
8.3ft	29.0	22.5ft 26.3ft
10.0ft	20.0	27.1ft 31.7ft
Vert. spread		107.1°
Horiz. spread		115.6°

Photometric Data

AE-SF-JBCA-0890

8ft • 65W • 5000K

		ZONE	LUMENS	% FIXTURE
		0-20°	986.53	12.60
Wattage	65W	0-30°	2082.36	26.59
CCT	5000K	0-40°	3388.01	43.26
Distribution	120°	0-60°	5974.18	76.29
Length	8ft	0-80°	7591.22	96.94
		0-90°	7831.22	100.00

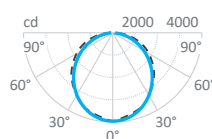


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	959	4.6ft	5.4ft
3.3ft	254	8.9ft	10.5ft
5.0ft	111	13.5ft	15.9ft
6.7ft	61.7	18.2ft	21.3ft
8.3ft	40.2	22.5ft	26.3ft
10.0ft	27.7	27.1ft	31.7ft
Vert. spread			107.1°
Horiz. spread			115.6°

AE-SF-JBCA-0890

8ft • 90W • 5000K

		ZONE	LUMENS	% FIXTURE
		0-20°	1409.40	12.60
Wattage	91.5W	0-30°	2974.94	26.59
CCT	5000K	0-40°	4840.24	43.26
Distribution	120°	0-60°	8534.93	76.29
Length	8ft	0-80°	10845.09	96.94
		0-90°	11187.96	100.00



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1370	4.6ft	5.4ft
3.3ft	363	8.9ft	10.5ft
5.0ft	158	13.5ft	15.9ft
6.7ft	88.2	18.2ft	21.3ft
8.3ft	57.5	22.5ft	26.3ft
10.0ft	39.6	27.1ft	31.7ft
Vert. spread			107.1°
Horiz. spread			115.6°

Sensor & Dimming

Bluetooth Sensors ARIA PLUS • BLE

Fixture-integrated sensors

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Installation
 MWS105E + FA102 Low bay • indoor	Microwave	20-40ft	200ft	0-10V Dimming	Integrated into fixture

Please refer to spec sheet for exact specifications for all items above.

Dimmer List

Dimmer Compatibility

LUTRON	NTSTV-DV • NFTV • DVTV • DVSTV
LEVITON	IP710 • DS710
LEGRAND	RH4FBL3PW

Compatibility verified by Eralux at time of publication. For dimmers not listed, contact the factory.