eralux®

F2

LINEAR SURFACE MOUNT

Linear Architectural Lighting

The F2 series is the surface mount linear architectural lighting fixture from ERALUX. The F2 Series offers the simplicity of installation for a fast and efficient delivery. It is further enhanced with the access to the led board, drivers and any other components from below. They are available in 4-, 6- and 8-feet lengths. The CCT switchable switch also enables a rapid change of lighting environment.

5 YEARS WARRANTY eralux · c ETL us LISTED · RoHS · INTERTEK

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-SF-F2-	-	30/40/CCT	-	-SMT

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-277V
POWER FACTOR	0.9
DIMMING	1-10V
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER FEET	750lm/ft
POWER	23W 31W 46W 61W
BEAM ANGLE	Lambertian

MECHANICAL & HOUSING

HOUSING	Extruded aluminum
LENS	PC lens
FINISH	Nebula White Atomic Black Silver
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	LED Array

APPLICATION CONDITION

AMBIENT TEMPERTURE RANGE	-20˚C to 45˚C

COMPATIBLE MOUNTING

MOUNTING	Surface Mount

WARRANTY

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 50,000 hours

Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25˚C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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ORDERING GUIDE

EXAMPLE: AE-SF-F2-4-31-30/40/CCT-BK-SMT

FIXTURE FAMILY	LENGTH	POWER	CCT	FINISH	MOUNT
AE-SF-F2-		**-**	**-30/40/CCT-**		**-SMT**
AE-SF-F2- ERALUX F2 surface mount linear architectural fixture	**3** 3 Feet	**-23** 23W-2,300 lumens	**-30/40/CCT-** CCT Switchable: 3000K/3500K/4000K	**BK** Atomic Black Finish	**-SMT** Surface Mount *SMT comes with a 2FT power cord
	4 4 Feet	**-31** 31W-3,000 lumens		**WH** Nebula White Finish	
	6 6 Feet	**-46** 46W-4,500 lumens		**SV** Silver Finish	
	8 8 Feet	**-61** 61W-6,000 lumens		**RALXXXX** Custom Colour	

FIXTURE FAMILY	SHAPE	CCT	FINISH	MOUNT
AE-SF-F2-		**-30/40/CCT-**		**-SMT**
AE-SF-F2- ERALUX F2 surface mount linear architectural fixture	**L-90L** L Shape 31W – 3,000 lumens	**-30/40/CCT-** CCT Switchable: 3000K/3500K/4000K	**BK** Atomic Black Finish	**-SMT** Surface Mount *SMT comes with a 2FT power cord
	T- T Shape 46W – 4,500 lumens		**WH** Nebula White Finish	
	X- X Shape 61W – 6,000 lumens		**RALXXXX** Custom Colour	

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.
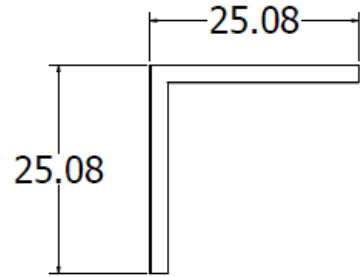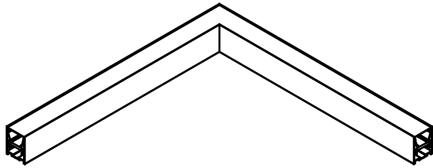
PRODUCT DIMENSION

AE-SF-F2-3/4/6/8 FT

36.49/48.50/72.48/96.50

2.76

2.17

DIMENSIONS IN INCHES

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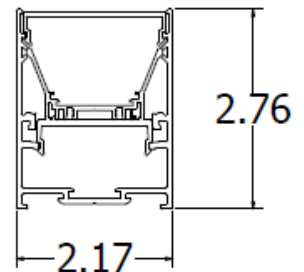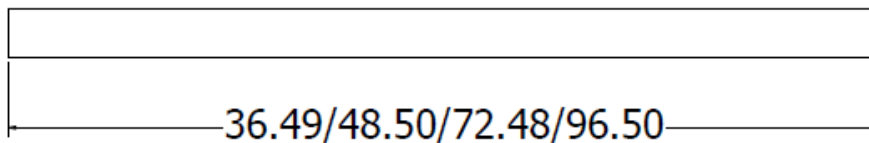
DATE						
PROJECT NAME						
TYPE						
QTY						
ORDERING CODE	AE-SF-F2-		-	30/40/CCT	-	-SMT

VARIOUS SHAPES

L SHAPE

AE-SF-F2-L-90L-30/35/40/CCT-XX

25.08

25.08

DIMENSIONS IN INCHES

T SHAPE

AE-SF-F2-T-30/35/40/CCT-XX

48.00

25.08
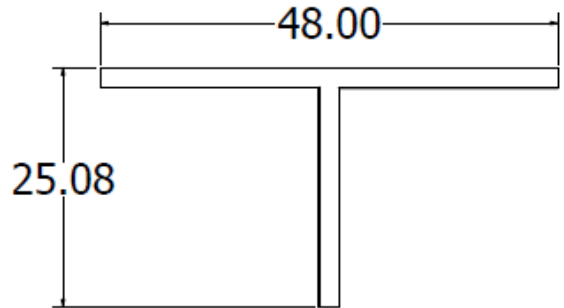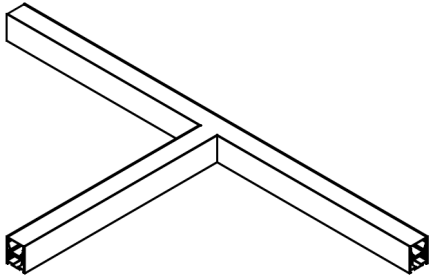
DIMENSIONS IN INCHES

X SHAPE

AE-SF-F2-X-30/35/40/CCT-XX
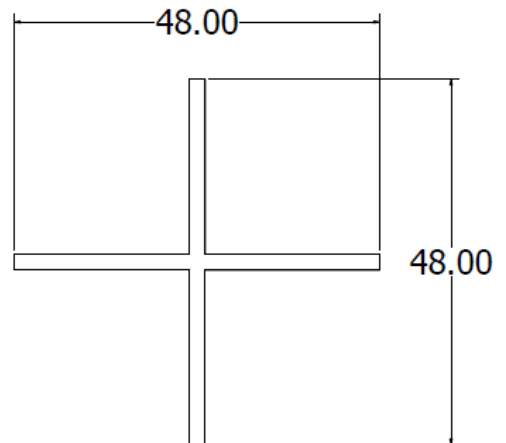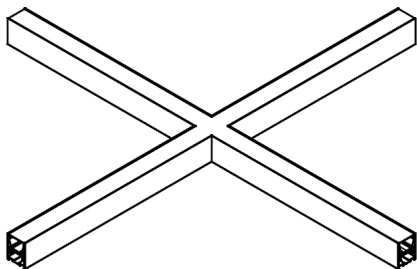
48.00

48.00

DIMENSIONS IN INCHES

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MULTIPLE FIXTURE ASSEMBLY
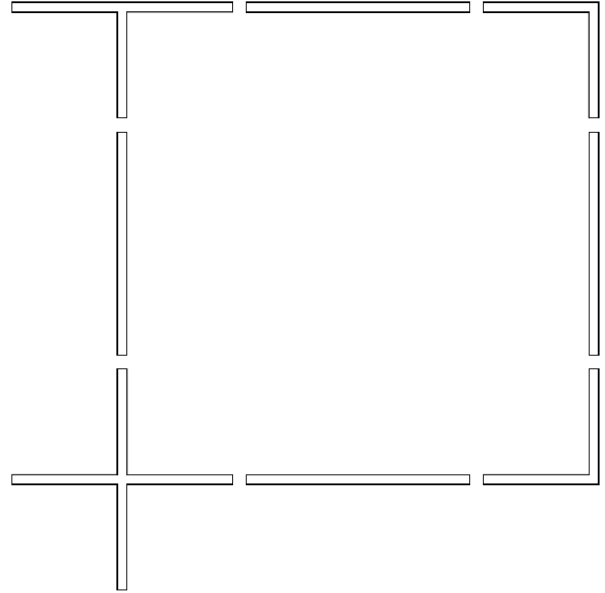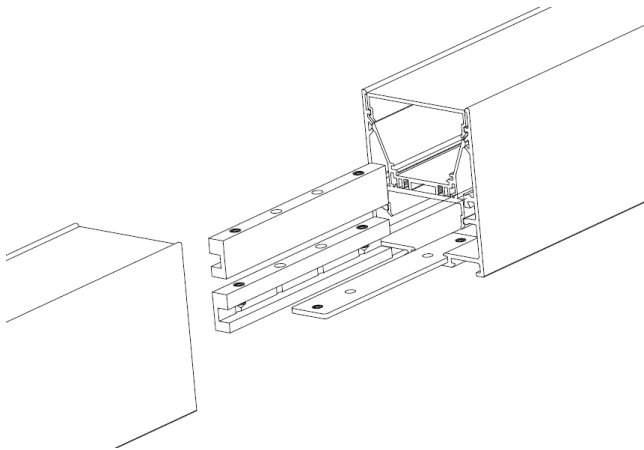
ACCESSORIES
Ordered separately, field installed

PART NUMBER	DESCRIPTION	PICTURE
AE-SF-F2-LINK-KIT	Linkable mechanical and electrical accessories for continuous mounting	
AE-SF-F2-L-DA	Rubber Diffuser Sucker and F2 Disassembly spanner	

RAL9006 Silver

RAL9004 Black

RAL9003 White

DATE					
PROJECT NAME					
TYPE					
QTY					
ORDERING CODE	AE-SF-F2-	-	30/40/CCT	-	-SMT

ACCESSORIES (Continued)

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-YTXXD-XXX)

BLD-YT08D-XXX   OUTPUT POWER : 8 WATTS
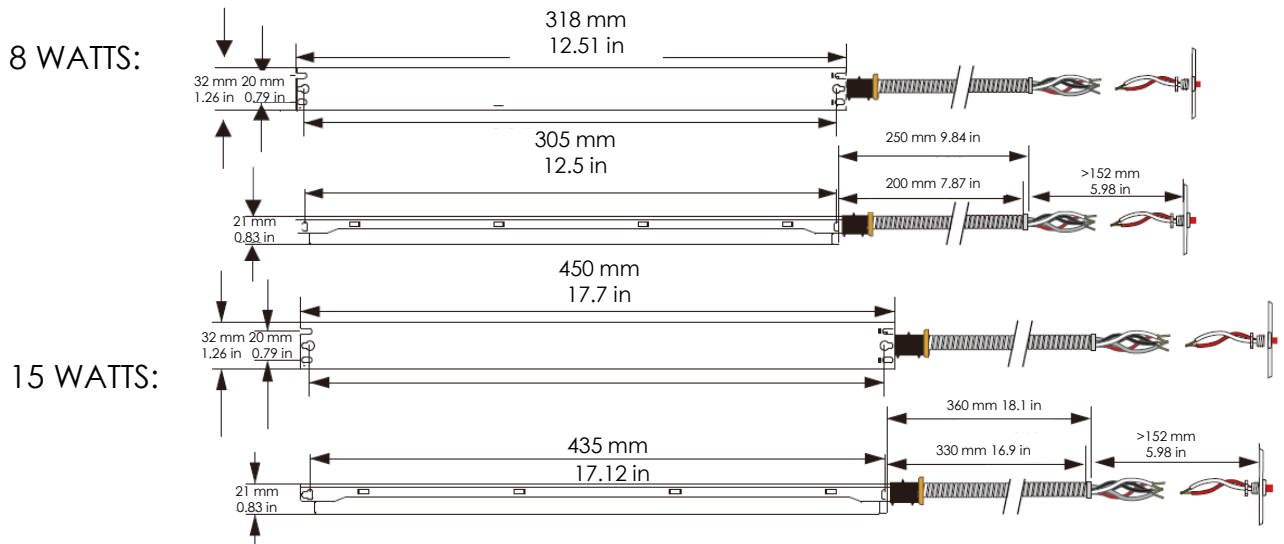
BLD-YT15D-XXX   OUTPUT POWER : 15 WATTS

Easy Wiring

Certified For CA Title 20

Constant Power Performance

BLD-YTXXD-XXX LED Emergency Driver is UL listed for field and factory installation that allows the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the emergency driver switches to emergency mode and operates the fixture for 90 minutes. This module will operate a LED array load at 8W or 15W with constant power at a rated output voltage of 30-60 VDC. The constant power design of BLD-YTXXD-XXX maintains the output wattage to the LED array, providing consistent illumination for the entire emergency runtime. Its slim shape is ideal for use in linear LED lighting fixtures.
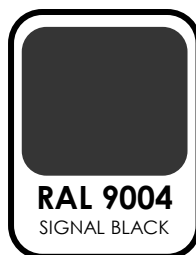
DIMENSIONS (inches and mm)

8 WATTS:

318 mm
12.51 in

32 mm   20 mm
1.26 in   0.79 in

305 mm
12.5 in

250 mm 9.84 in

200 mm 7.87 in

>152 mm
5.98 in

21 mm
0.83 in

15 WATTS:

450 mm
17.7 in

32 mm   20 mm
1.26 in   0.79 in

435 mm
17.12 in

360 mm 18.1 in

330 mm 16.9 in

>152 mm
5.98 in

21 mm
0.83 in

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CUSTOMED FINISH EXAMPLES FOR F2 AIR

* Please contact manufacturer for more information and pricing for customized finishes
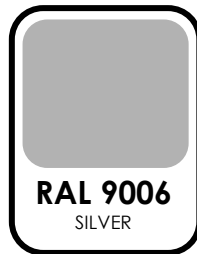
RAL 6005
MOSS GREEN

RAL 6032
SIGNAL GREEN

RAL 6027
LIGHT GREEN

RAL 5003
SAPPHIRE BLUE

RAL 7001
SILVER GREY

RAL 7033
CEMENT GREY

RAL 7038
AGATE GREY

RAL 9001
CREAM

RAL 9006
SILVER

RAL 7040
WINDOW GREY

RAL 1015
LIGHT IVORY

RAL 2012
SALMON ORANGE

RAL 3031
ORIENT RED

RAL 8024
BEIGE BROWN

RAL 9003
SIGNAL WHITE

RAL 9007
GREY ALUMINUM

RAL 9022
LIGHT PEARL GREY

RAL 9023
PEARL DARK GREY

RAL 7011
IRON GREY

RAL 9004
SIGNAL BLACK

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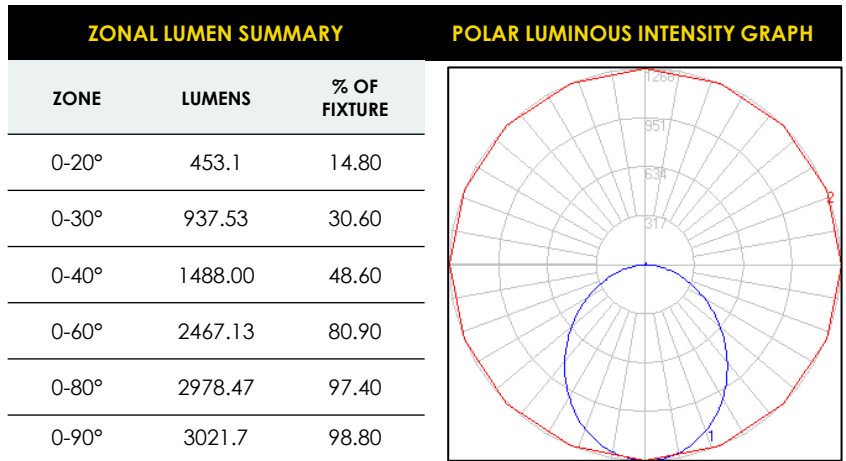| ORDERING CODE	AE-SF-F2-		-	30/40/CCT	-	-SMT

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:
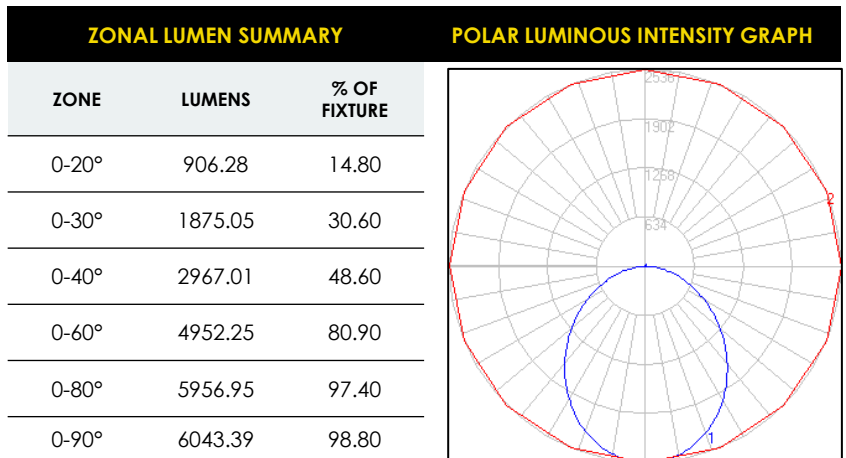
LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
NORMAL(80CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-SF-F2-4-31-30/35/40-BK

4 FEET

31 WATTS

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	453.1	14.80	
0-30°	937.53	30.60	
0-40°	1488.00	48.60	
0-60°	2467.13	80.90	
0-80°	2978.47	97.40	
0-90°	3021.7	98.80	

AE-SF-F2-8-61-30/35/40-BK

8 FEET

61 WATTS

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	906.28	14.80	
0-30°	1875.05	30.60	
0-40°	2967.01	48.60	
0-60°	4952.25	80.90	
0-80°	5956.95	97.40	
0-90°	6043.39	98.80	

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OVERVIEW

CCT TUNABLE

LUMEN TUNABLE

COLOR SELECTABLE
CCT switch to change between 3 CCT – 3000K, 3500K and 4000K – variations from warm to cool light on field.

MOUNTING
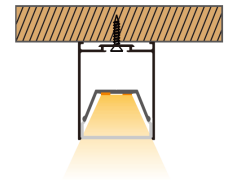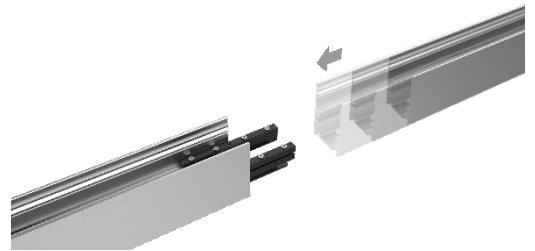Easy linkable surface mounted fixtures to allow creative designs on the ceiling.
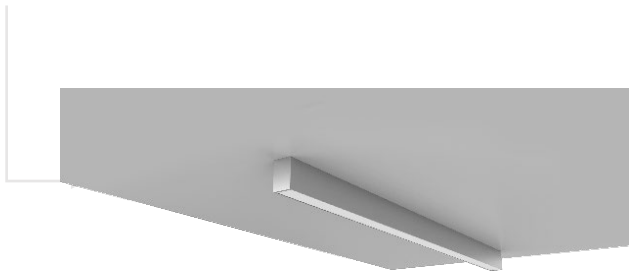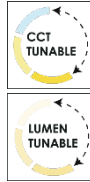
CONTINUOUS RUNS
Easily connect multiple fixtures together for continuous mounting configuration with the help of our simple link kits .

FINISHES
Standard ERALUX finish in black, white and silver options to provide an elegant look to the fixture's housing.

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Draw your custom shape!

1 square = 1ft