# F2 UGR

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.

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5 YEARS WARRANTY eralux · ETL · RoHS
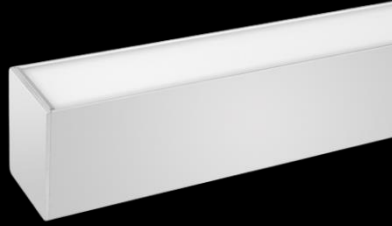
DATE				
PROJECT NAME				
TYPE				
QTY				
ORDERING CODE	AE-SF-F2-	-	-30/40/CCT-	UGR-

OPERATING & ELECTRICAL

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

PERFORMANCE

LUMENS PER FEET	585 lm/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

FIXTURE FAMILY	LENGTH	POWER	CCT	LENS	FINISH
AE-SF-F2-		**-**	**-30/40/CCT-**	**UGR-**	
AE-SF-F2- ERALUX F2 surface mount linear architectural fixture	**3** 3 Feet	**-23** 23W-1,755 lumens	**-30/40/CCT-** CCT Switchable: 3000K/3500K/4000K	**UGR-** Low UGR Lens	**BK** Atomic Black Finish
	4 4 Feet	**-31** 31W-2,340 lumens			**WH** Nebula White Finish
	6 6 Feet	**-46** 46W-3,510 lumens			**SV** Silver Finish
	8 8 Feet	**-61** 61W-4,680 lumens			**RALXXXX** Custom Colour

FIXTURE FAMILY	SHAPE	CCT	LENS	FINISH
AE-SF-F2-		**-30/40/CCT-**	**-UGR**	
AE-SF-F2- ERALUX F2 surface mount linear architectural fixture	**L-90L** L Shape 31W-2,340 lumens	**-30/40/CCT-** CCT Switchable: 3000K/3500K/4000K	**-UGR** Low UGR Lens	**BK** Atomic Black Finish
	T- T Shape 46W-3,510 lumens			**WH** Nebula White Finish
	X- X Shape 61W-4,680 lumens			**RALXXXX** Custom Colour

CAUTION: If there are multiple fixtures connected to the same 1-10V dimming line, a 1-10V 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.
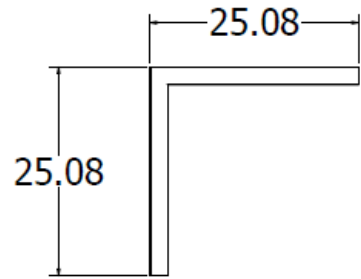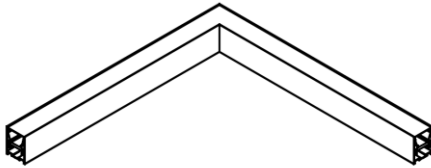
PRODUCT DIMENSION

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

36.49/48.50/72.48/96.50

2.76

2.17

DIMENSIONS IN INCHES

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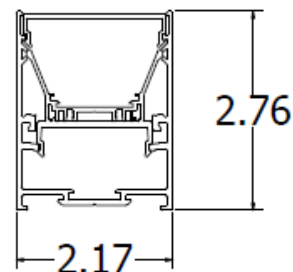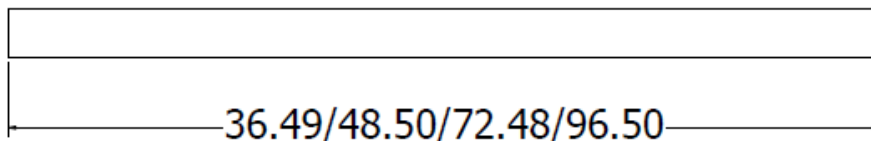
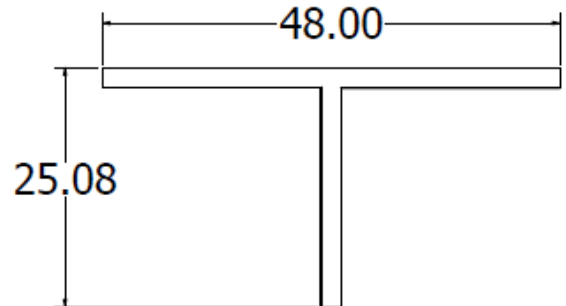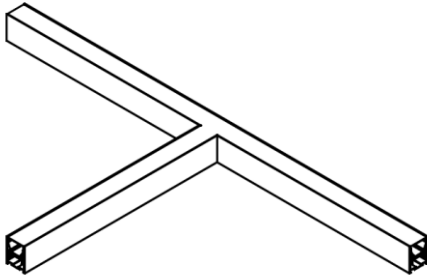| DATE				
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VARIOUS SHAPES

L SHAPE

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

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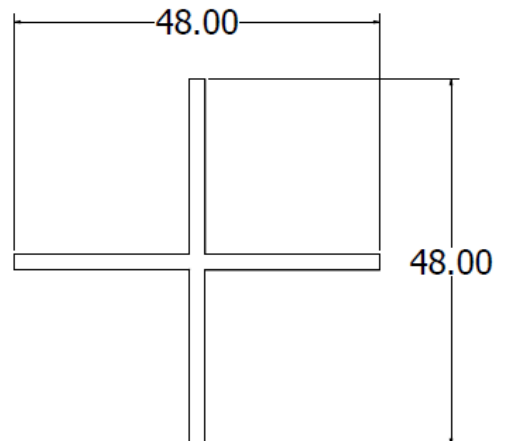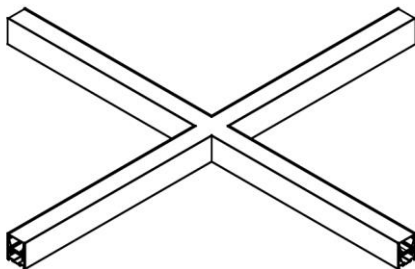
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DIMENSIONS IN INCHES

T SHAPE

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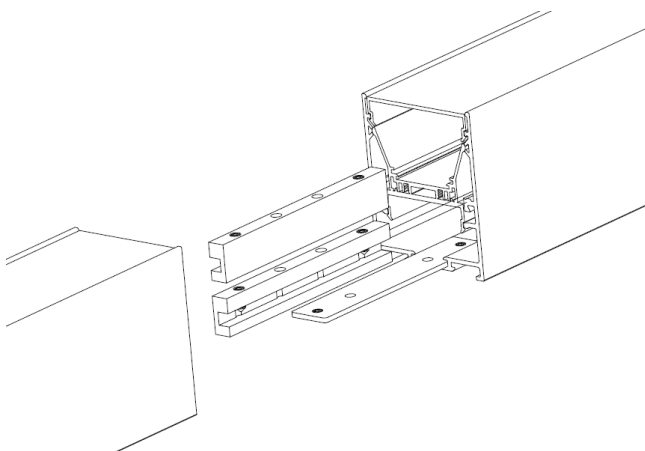

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DIMENSIONS IN INCHES

X SHAPE

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

48.00

48.00

DIMENSIONS IN INCHES

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MULTIPLE FIXTURE ASSEMBLY
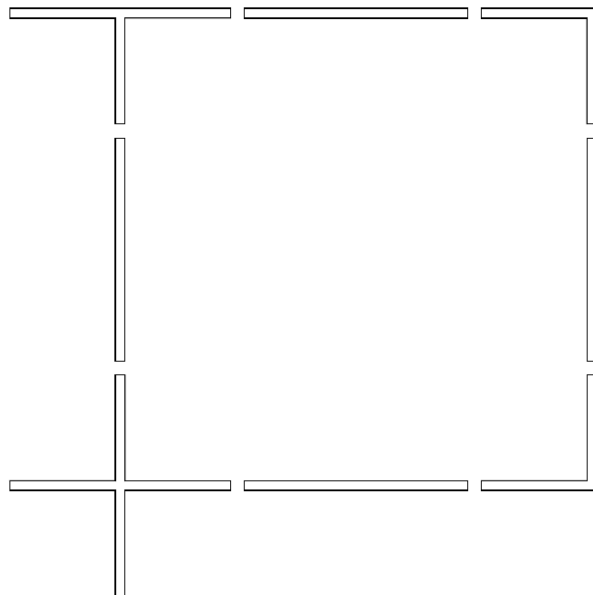
ACCESSORIES
Ordered separately, field installed

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

RAL9006 Silver **RAL9004 Black** **RAL9003 White**

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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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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-UGR

4 FEET

31 WATTS

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	346.93	14.80	
0-30°	717.78	30.60	
0-40°	1139.23	48.60	
0-60°	1895.75	80.90	
0-80°	2280.35	97.40	
0-90°	2313.44	98.80	

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

8 FEET

61WATTS

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	693.86	14.80	
0-30°	1435.56	30.60	
0-40°	2278.49	48.60	
0-60°	3791.49	80.90	
0-80°	4560.70	97.40	
0-90°	4626.88	98.80	

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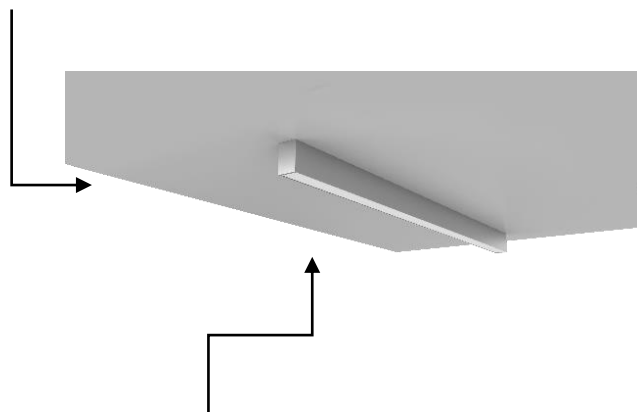Linear Architectural Lighting

OVERVIEW

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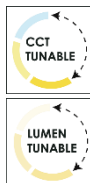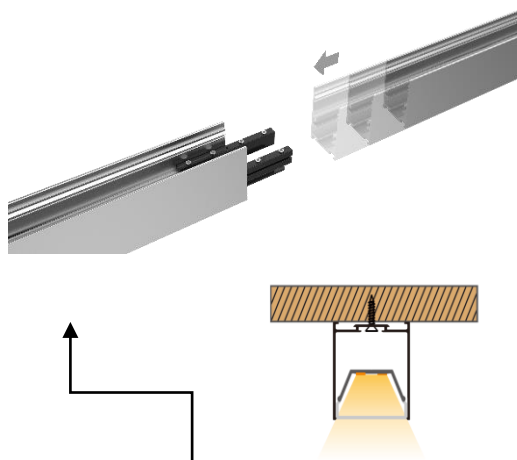

MOUNTING
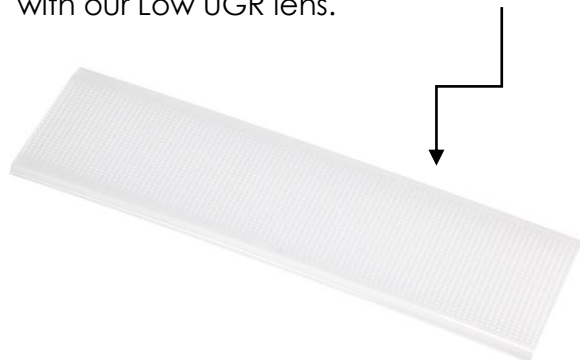Easy linkable surface mounted fixtures to allow creative designs on the ceiling.

CONTINUOUS RUNS
Easily connect multiple fixtures together for continuous mounting configuration with the help of our simple link kits .

LOW UGR LENS
Limit glare and reduce lumen output with our Low UGR lens.

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

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Draw your custom shape!

1 square = 1ft