ATLANTIS

GYPSUM LINEAR FIXTURES

Linear Architectural Lighting

The Atlantis Series is a recessed linear that provides an elegant appearance in any indoor commercial office. The exposed driver and the removable lens makes the installation simple and intuitive. This series has been designed to be mounted into gypsum ceilings or walls.

eralux®

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-SF-ATL

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-277 V
POWER FACTOR	0.9
DIMMING	0-10V
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	85-89 LPW @85CRI
POWER	32W 40W 46W 62W
DISTRIBUTION	Lambertian

MECHANICAL & HOUSING

HOUSING	Extruded aluminum
LENS	Highly durable frosted polycarbonate and high transmittance lens
FINISH	White, Black, Silver
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	Discrete LED

APPLICATION CONDITION

AMBIENT TEMPERTURE RANGE	-10˚C to 40˚C

COMPATIBLE MOUNTING

MOUNTING	Recessed (**Non-IC rated**)

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).

eralux®

ATLANTIS

GYPSUM LINEAR FIXTURES
Linear Architectural Lighting

ORDERING GUIDE

EXAMPLE: AE-SF-ATL35432WH

FIXTURE FAMILY	CCT	LENGTH	POWER	FINISH
AE-SF-ATL				
AE-SF-ATL ERALUX Atlantis linear architectural fixture – 120-277V	**30** 3000K	**4** 4 feet length	**32** 32 watts: 2720 lumens	**WH** White Finish
	35 3500K	**5** 5 feet length	**40** 40 watts: 3400 lumens	**BK** Black Finish
	40 4000K	**6** 6 feet length	**46** 46 watts: 4080 lumens	**SV** Silver Finish
		8 8 feet length	**62** 62 watts: 5440 lumens	

FIXTURE FAMILY	CCT	SHAPE	POWER	FINISH
AE-SF-ATL				
AE-SF-ATL ERALUX Atlantis linear architectural fixture – 120-277V	**30** 3000K	**90L** L Shape	**32** 32 watts: 2720 lumens	**WH** White Finish
	35 3500K	**90N** Inner L Shape	**32** 32 watts: 2720 lumens	**BK** Black Finish
	40 4000K	**90W** Outer L Shape	**32** 32 watts: 2720 lumens	
		T T Shape	**46** 46 watts: 4080 lumens	**SV** Silver Finish
		X X Shape	**62** 62 watts: 5440 lumens	

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 DIMENSIONS (in mm)

AE-SF-ATLXXXXXWH

54 [2.13]
68 [2.68]
36 [1.42]

1241 [48.86]
1546 [60.87]
1850 [72.83]
2460 [96.85]

ATLANTIS

GYPSUM LINEAR FIXTURES
Linear Architectural Lighting
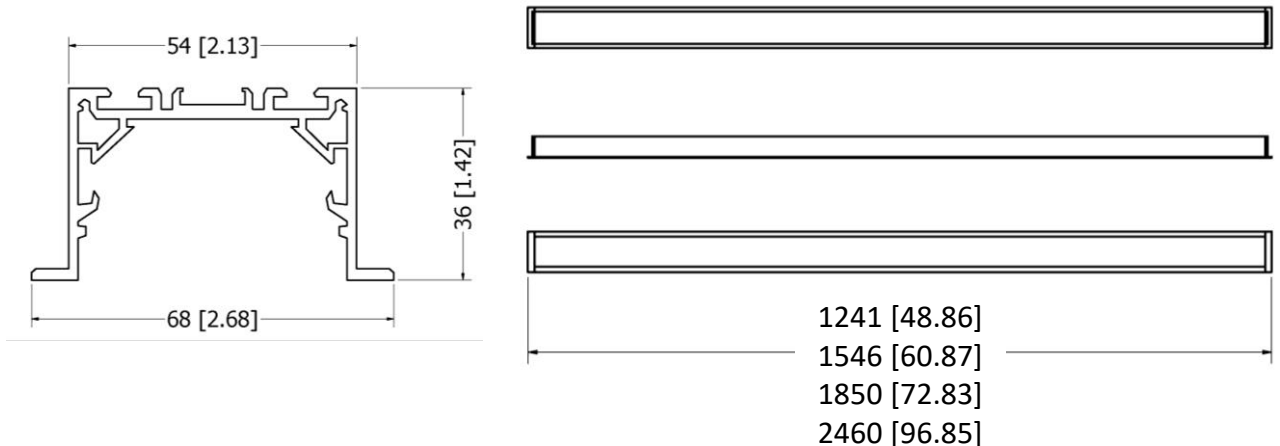
DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-SF-ATL				

ACCESSORIES

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-YTXXD-XXX)

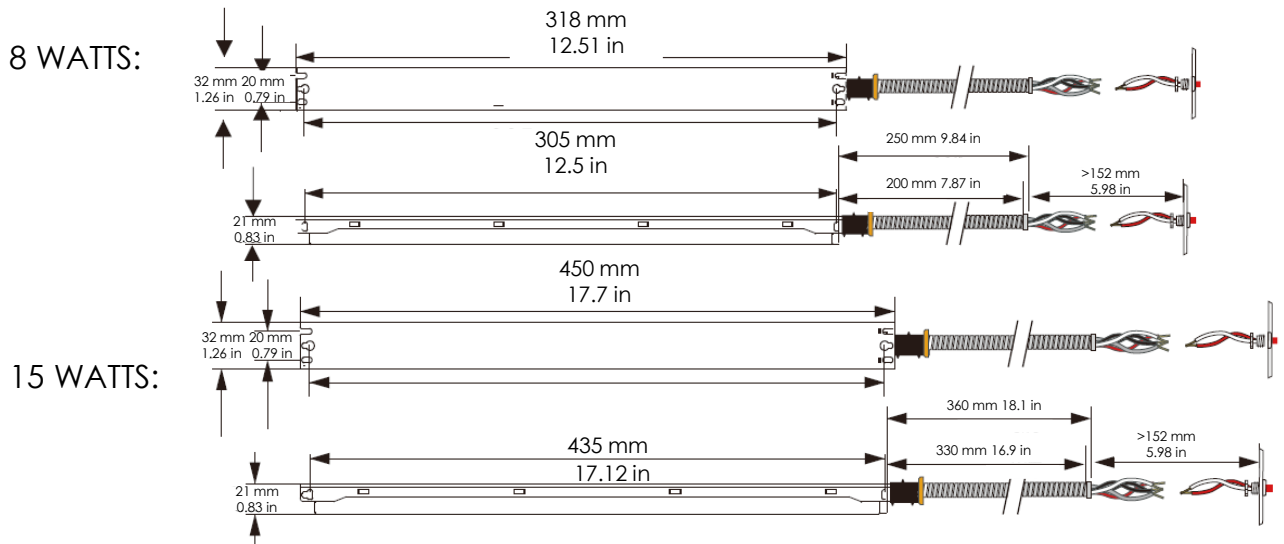BLD-YT08D-XXX   OUTPUT POWER : 8 WATTS

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.
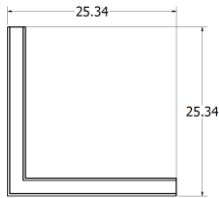
DIMENSIONS (inches and mm)

8 WATTS:

- 318 mm / 12.51 in
- 32 mm 1.26 in / 20 mm 0.79 in
- 305 mm / 12.5 in
- 21 mm / 0.83 in
- 250 mm 9.84 in
- 200 mm 7.87 in
- >152 mm 5.98 in

15 WATTS:

- 450 mm / 17.7 in
- 32 mm 1.26 in / 20 mm 0.79 in
- 435 mm / 17.12 in
- 21 mm / 0.83 in
- 360 mm 18.1 in
- 330 mm 16.9 in
- >152 mm 5.98 in

eralux®

ATLANTIS
GYPSUM LINEAR FIXTURES
Linear Architectural Lighting

VARIOUS SHAPES

L SHAPE
AE-SF-ATLXX90L32XX
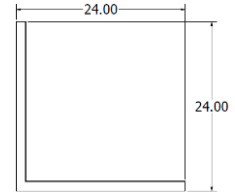

25.34

25.34

DIMENSIONS IN INCHES

OUTER CORNER L
AE-SF-ATLXX90W32XX

24.00

24.00
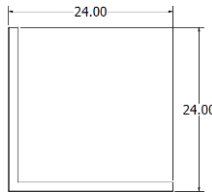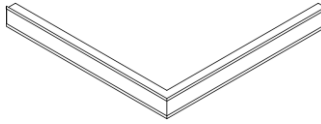
INNER CORNER L
AE-SF-ATLXX90N32XX

24.00

24.00
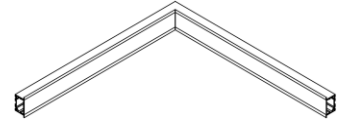
T SHAPE
AE-SF-ATLXXT46XX

48.00

25.34
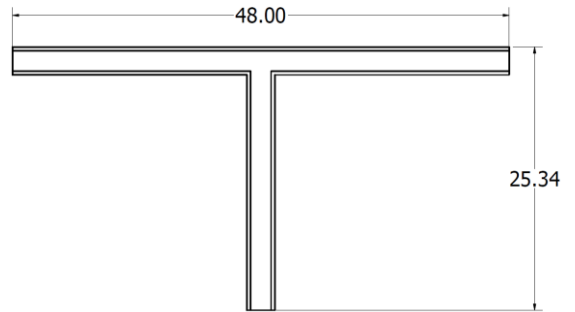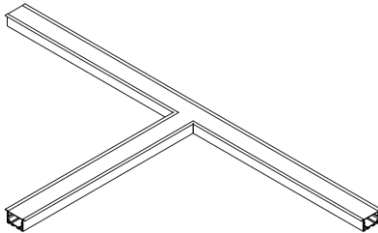
DIMENSIONS IN INCHES

X SHAPE
AE-SF-ATLXXX62XX
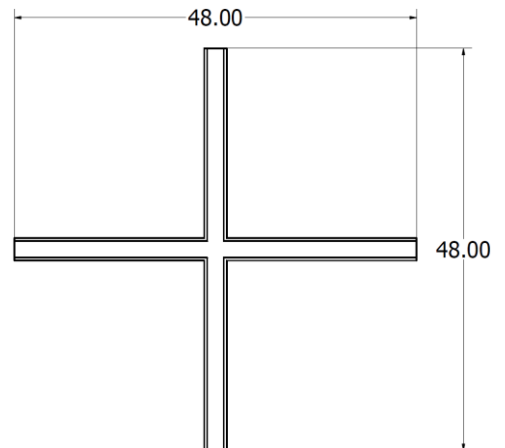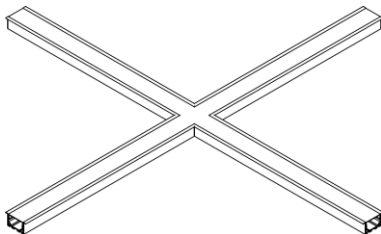
48.00

48.00

DIMENSIONS IN INCHES

eralux®

ATLANTIS

GYPSUM LINEAR FIXTURES
Linear Architectural Lighting

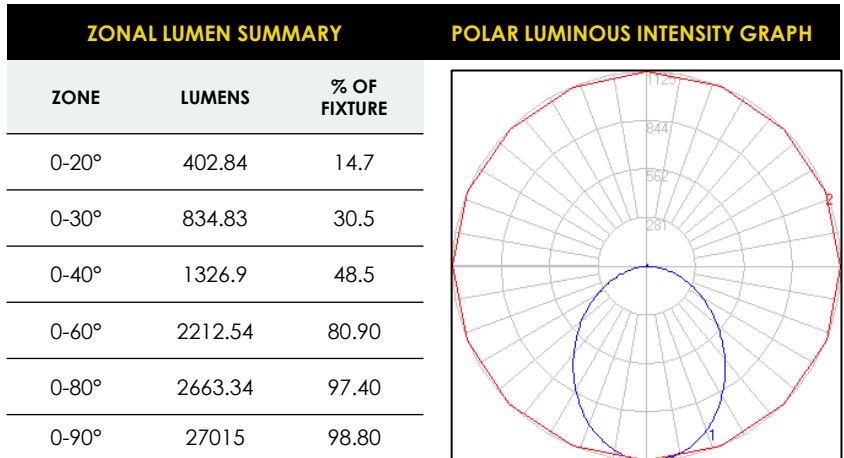|	
DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-SF-ATL				

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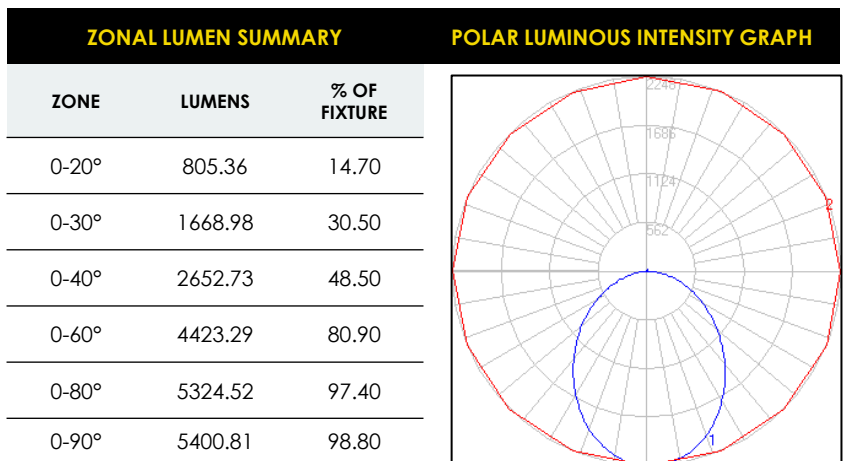
LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
PREMIUM (80CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-SF-ATL40432WH
4 FEET
32 WATTS

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	402.84	14.7	
0-30°	834.83	30.5	
0-40°	1326.9	48.5	
0-60°	2212.54	80.90	
0-80°	2663.34	97.40	
0-90°	27015	98.80	

AE-SF-ATL40432WH
4 FEET
62 WATTS

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	805.36	14.70	
0-30°	1668.98	30.50	
0-40°	2652.73	48.50	
0-60°	4423.29	80.90	
0-80°	5324.52	97.40	
0-90°	5400.81	98.80	

eralux®

ATLANTIS

GYPSUM LINEAR FIXTURES
Linear Architectural Lighting

OVERVIEW

EASE OF ACCESS TO DRIVER
Outer Driver making the installation and assembly process quick and easy.

N-SHAPE RECESSED CLIP
Strong N-shape recessed clip replacing spring clip allowing recessed to not only ceiling but vertical wall without sliding nor falling. The unique design of the clip shape simplify the installation process.

ELEGANT WHITE FINISH
Uniformed nebula white finish provides a simple and elegant appearance making any indoor project superior.
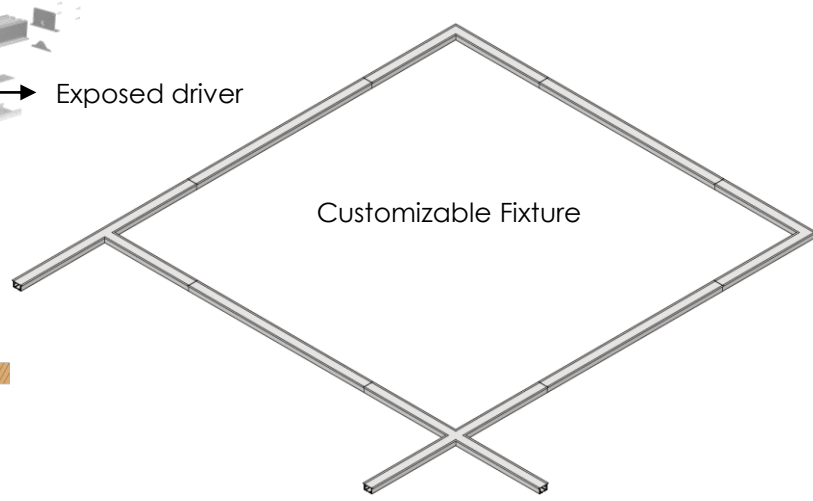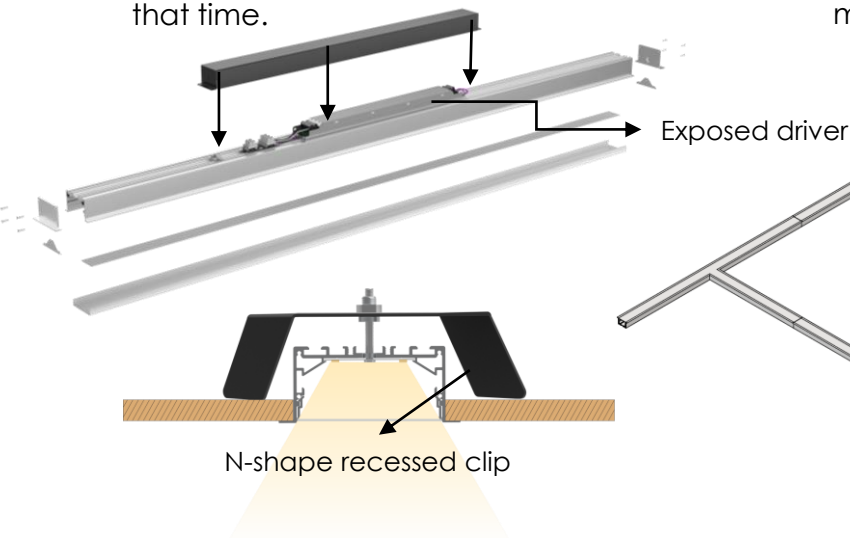
UGR<19
Unified Glare Rating of 19 or less makes Atlantis a perfect lighting option in office spaces where workers need to spend many hours a day and would be using display terminals for a large proportion of that time.

SPACE-SAVING FLAT SHAPE
Flat fixture body saves space for installation, make the linear fixture more flexible for various purpose.

Exposed driver

N-shape recessed clip

Customizable Fixture

eralux®

ATLANTIS

GYPSUM LINEAR FIXTURES

Linear Architectural Lighting

DATE					
PROJECT NAME					
TYPE					
QTY					
ORDERING CODE	AE-SF-ATL				

Draw your custom shape!

1 square = 1ft