G6/SPS WW

LINEAR FIXTURES

Linear Architectural Lighting

The G6 & SPS WW is the next evolution of wall wash linear architectural lighting. The optic modules deliver remarkably smooth and uniform vertical illumination. It has a sleek modern look and comes standard in unique finishes Nebula White, Atomic Black and Silver RAL7044. The SPS WW offers uplight as well as the wall wash.

eralux®

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-SF -	-CA -	-B-P	-010-WW -

5 YEARS WARRANTY eralux · LUMEN TUNABLE · ETL Listed C US · RoHS

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-347V
POWER FACTOR	0.9
DIMMING	0-10V
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	91 LPW at 90 CRI White, 87 LPW at 90 CRI Black
POWER	G6 : 36W, 72W SPS : 54W
DISTRIBUTION	Lambertian

MECHANICAL & HOUSING

HOUSING	Extruded aluminum
LENS	Highly durable frosted polycarbonate and high transmittance lens
FINISH	Nebula White Atomic Black Silver RAL7044 Gun Powder RAL7011
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	Discrete LED

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-10˚C to 40˚C

COMPATIBLE MOUNTING

MOUNTING	Suspended (2x 6FT suspension cables standard with fixture purchase), Surface or Wall mount (accessories sold seperately)

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-G6-A-CA-436-B-P30-010-WW-WH

FIXTURE FAMILY	GEN	VOLTAGE	SIZE	POWER	ACCENT	CRI	CCT	DIMMING	LENS	FINISH
AE-SF-G6	**-A**	**-CA**	**-**		**-B**	**-P**		**-010**	**-WW**	**-**
AE-SF-G6 ERALUX G6 linear architectural fixture	**-A** First GEN	**-CA** 120-347Vac input voltage range	**-4** 4 feet length	**36** 36W	**-B** No Accent	**-P** 90 CRI	**30** 3000K CCT	**-010** 0-10V external dimming down to 10%	**-WW** Wall wash optics	**-WH** ERALUX Nebula White finish
							35 3500K CCT			**-BK** ERALUX Atomic Black finish
							40 4000K CCT			**-SV** Silver – RAL7044
			-8 8 feet length	**72** 72W			**50** 5000K CCT			**-GN** Gun Powder RAL7011

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

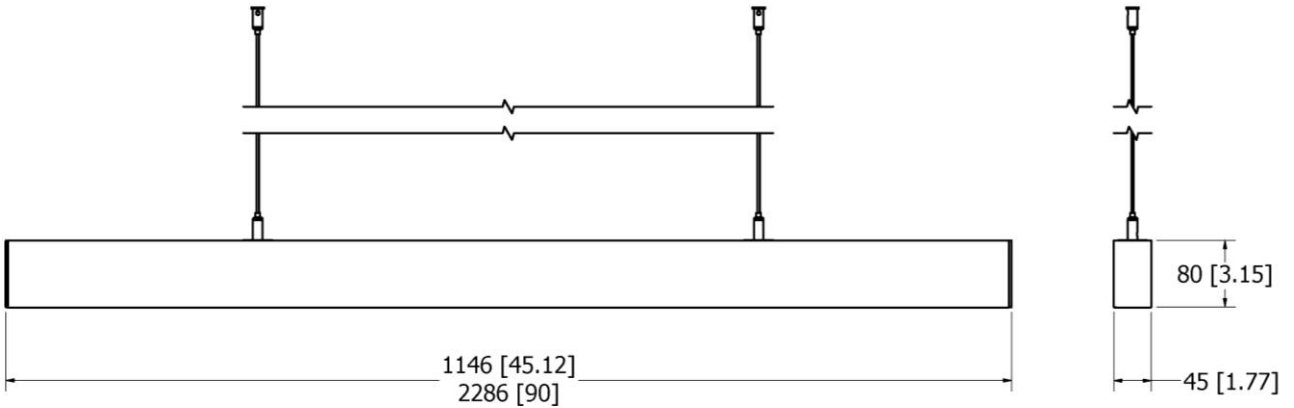**EXAMPLE:** AE-SF-SPS-A-CA-454-B-P30-010-WW-WH

FIXTURE FAMILY	GEN	VOLTAGE	SIZE	POWER	ACCENT	CRI	CCT	DIMMING	LENS	FINISH
AE-SF-SPS	**-A**	**-CA**	**-**	**54**	**-B**	**-P**		**-010**	**-WW**	**-**
AE-SF-SPS ERALUX SPS linear	**-A** First GEN	**-CA** 120-347Vac input voltage range	**-4** 4 feet length	**54** 54W	**-B** No Accent	**-P** 90 CRI	**30** 3000K CCT	**-010** 0-10V external dimming down to 10%	**-WW** Wall wash optics	**-WH** ERALUX Nebula White finish
							35 3500K CCT			**-BK** ERALUX Atomic Black finish
							40 4000K CCT			**-SV** Silver – RAL7044
							50 5000K CCT			**-GN** Gun Powder RAL7011

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.

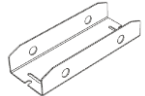***Maximum of 300 Wattages powered by 1 electrical drop***

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ORDERING CODE	AE-SF	-		-CA	-		-B-P		-010-WW	-

PRODUCT DIMENSIONS (in mm)

1146 [45.12]
2286 [90]

80 [3.15]
45 [1.77]

ACCESSORIES

Ordered separately, field installed

Part Number	Description	Pictre
AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN	Canopy Cover kit: 5" diameter - 2 pieces White or Black	
AE-SF-LINK-NR	Linkable Metal Accessory – 1 piece Fixture wired for continuous mounting	
AE-SF-G6-SMT-WH AE-SF-G6-SMT-BK	Surface mount kit – 1 piece – White Surface mount kit – 1 piece – Black	
AE-SF-PWRCORD-WH AE-SF-PWRCORD-BK	8FT power cord – 120-277V - White 8FT power cord – 120-277V - Black	
AE-SF-PWRCORD-HV-WH AE-SF-PWRCORD-HV-BK	8FT power cord – 120-347V - White 8FT power cord – 120-347V - Black	
AE-SF-WMB-WH AE-SF-WMB-BK	Wall mount kit – 2 pieces	

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ACCESSORIES (Continued)

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-YTXXD-XXX)

BLD-YT08D-XXX

BLD-YT15D-XXX

OUTPUT POWER : 8 WATTS
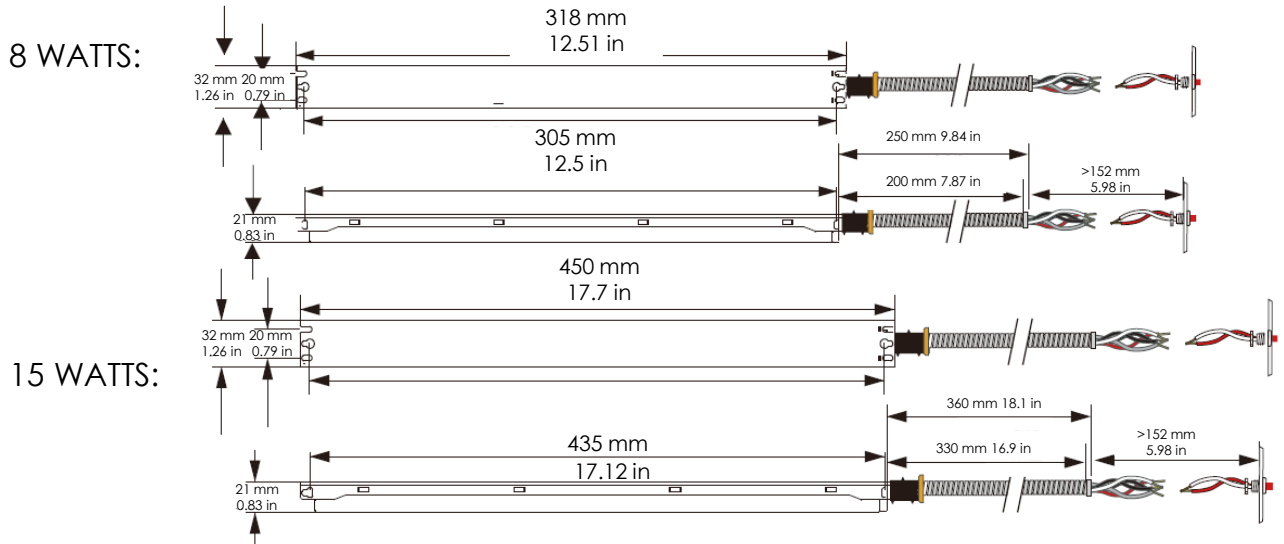
OUTPUT POWER : 15 WATTS

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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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	3000K	3500K	4000K	5000K
NORMAL (80CRI)	0.94	0.97	1	1.03

PHOTOMETRIC DATA

AE-SF-G6-A-CA-440-B-P-50-010-WW-XX

LENGTH : 4FT

40 WATTS

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	395.54	15.70
0-30°	819.37	32.60
0-40°	1291.53	51.30
0-60°	2078.68	82.60
0-80°	2461.84	97.80
0-90°	2488.97	98.90

POLAR LUMINOUS INTENSITY GRAPH

DIMMER COMPATIBILITY LIST

0-10V Dimmer

0-10V Dimmer
LEGRAND RH4FBL3PTC
LUTRON DVS7V-WH
LEVITON IP710-LFZ

0-10V Dimmer
EATON WBSD-010SLD
LEVITON DS710
LUTRON MS-Z101
HUBBEL LHDIRS3N

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OVERVIEW
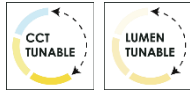
HIGH EFFICACY
91 lumen per watt at 90 CRI fixture provides long-term energy savings benefits.

INPUT VOLTAGE
Fixture input voltage range compatible from 120 to 347V.

ANTI-GLARE FINISH
Custom ERALUX anti-glare white and black finishes help reducing glare-off of the fixture's housing, accenting your project space.

COLOR SELECTABLE
Easily removable fixture top exposes the DIP switch to change between 3 CCT variations from warm to cool light.

MULTIPLE SIZES
Available in 2, 4, 6, 8 feet lengths and can be easily connected in continuous mounting runs.