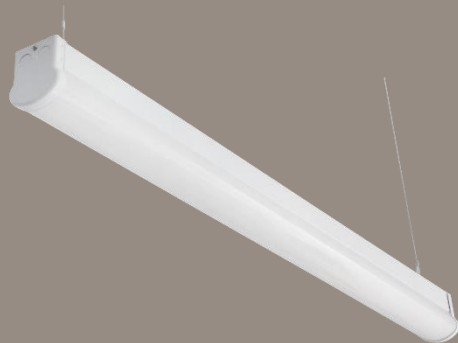




ECO STRIP

LINEAR FIXTURES
LED linear strip fixture



The ECO STRIP fixture is the economical option for the quick retrofit or new construction needs where there is extreme focus on return of investment. The ECO STRIP fixtures comes in two standard lengths of 4 feet and 8 feet providing 130 LPW performance. The polycarbonate lens and design also provides for additional robustness and durability. The versatility of this product allows installation in garages, stairwells, and storage areas.

Project: _____
Qty: _____
Notes: _____

OPERATING & ELECTRICAL

Input voltage 120-277V
Power factor 0.9
Total harmonic distortion (THD) <20%
Dimming 0-10V external dimming down to 10%

PERFORMANCE

Lumens per Watt ~130 LPW at 80CRI
Distribution Lambertian

MECHANICAL & HOUSING

Housing 22-gauge painted sheet metal
Lens Highly durable polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.
Finish Painted white

Lens Polycarbonate lens
Power Supply Factory wired electronic LED driver
LED Board LED Array
APPLICATION CONDITION
Ambient temperature range -10 to 45°C

COMPATIBLE MOUNTING
Mounting Surface mounted with clip-in bracket, suspended mounted

WARRANTY
System warranty 5 years
Lumen maintenance 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). (L85 at 50,000 hours)

ORDERING GUIDE

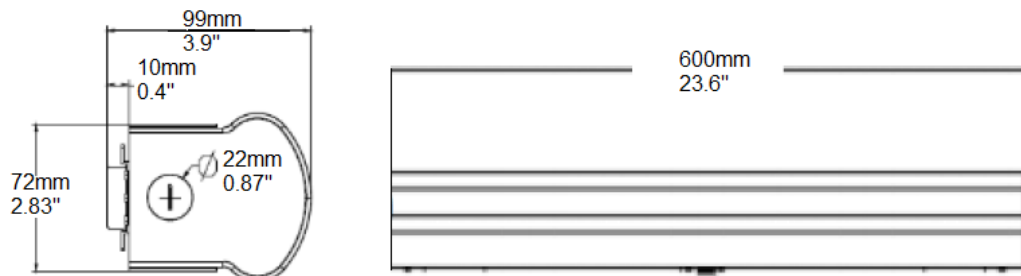
EXAMPLE: AE-SF-ER-ECOUV432N30-010WH

AE-SF-ER-ECO	UV	4	32	N	30	-010	WH
FIXTURE FAMILY	VOLTAGE	LENGTH	POWER	CRI	CCT	CONTROLS	Finish
AE-SF-ER-ECO Aeralux Eco Strip linear fixture	UV 120- 277Vac	2 2 feet fixture length	20 20 watts: 3125 lumens	N Normal 80 CRI	30 3000K CCT	-010 0-10V external dimming down to 10%	WH White painted finish
		4 4 feet fixture length	32 32 watts: 4100 lumens		40 4000K CCT	-MS Motion Sensor	
		8 8 feet fixture length	65 65 watts: 8250 lumens		50 5000K CCT	-EM 8W Emergency back up	
			90 90 watts: 11000 lumens			-MSEM Motion sensor + 8W Emergency back up	

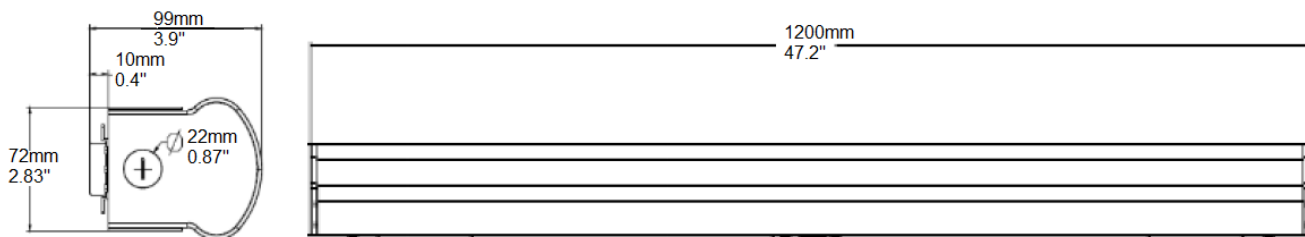


PRODUCT DIMENSIONS

AE-SF-ECOUV220NXX-010XX



AE-SF-ECOUV432NXX-010XX



AE-SF-ECOUV865NXX-010XX / AE-SF-ECOUV890NXX-010XX



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

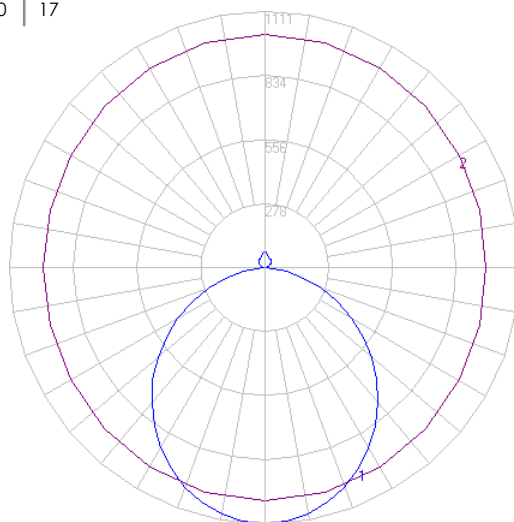
PHOTOMETRIC DATA

AE-SF-ECOUV432N40-010WH

Coefficients of utilization											
Ceiling	80%				70%		50%		30%		0%
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0
RCR	Zonal Cavity Method – Effective floor reflectance = 20%										
0	115	115	115	115	110	110	102	102	94	94	83
1	103	97	92	88	93	85	86	79	79	74	65
2	93	84	76	70	80	68	74	64	68	60	53
3	84	73	64	57	70	56	65	53	60	50	44
4	77	64	55	48	62	47	57	44	53	42	37
5	70	57	48	41	55	40	51	38	47	36	32
6	65	51	42	36	49	35	46	33	43	32	28
7	60	46	37	31	45	30	42	29	39	28	24
8	56	42	34	28	41	27	38	26	36	25	22
9	52	39	30	25	37	24	35	23	33	22	19
10	49	36	28	22	34	22	32	21	30	20	17

Luminance data			
Angle	0°	45°	90°
45°	9989	7822	7727
55°	9204	6977	7088
65°	8028	6132	6487
75°	6222	5403	6023
85°	2746	4977	5842

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	105.11	90-100	191.12
10-20	300.79	100-110	147.16
20-30	456.04	110-120	117.87
30-40	553.73	120-130	94.35
40-50	587.33	130-140	72.32
50-60	558.14	140-150	51.87
60-70	476.97	150-160	32.93
70-80	368.46	160-170	17.73
80-90	263.64	170-180	5.92



CONTINUOUS MOUNTING

Side knockouts for continuous mounting



MULTIPLE MOUNTING METHODS

Easy to install surface mounting or suspended mounting through simple to remove polycarbonate lens.

PREMIUM DESIGN CHOICES

22-gauge sheet metal housing for cost-reduction and increased durability in robust environments



CHOOSE YOUR MODEL

Multiple size lengths, lumen packages, and color temperature options allow you to choose the fixture that is perfect for your project space.



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