

VADOR HO



LINEAR LED LIGHT

Vapor Tight Linear | 32000 lumens | 4'

The VADOR HO Series is an energy-efficient and economical LED linear fixture designed for harsh, industrial environments. It features adjustable power and CCT settings to meet a wide range of project needs. With an integrated lens and module plate, installation is simple, delivering an impressive 32,000 lumens and offering flexibility in lumen output and CCT. It is also UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
 Applications: Parking Garage | Cold Storage | Canopy | Manufacturing | Complex Environment

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				

DYNAMIC MENU

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[Install Instruction link](#)



SPECIFICATIONS

Input Voltage	120-347V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming Page 3	0-10V dimming
CRI	80 CRI
CCT	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid gray; border-radius: 50%; padding: 5px;">35K</div> <div style="border: 1px solid gray; border-radius: 50%; padding: 5px;">40K</div> <div style="border: 1px solid gray; border-radius: 50%; padding: 5px;">50K</div> </div>
Efficacy	160 LPW
Length	4'
Power(w)	200/185/155W
Ambient Temperature Range	-40°C to 50°C
Mounting Options	<div style="display: flex; align-items: center;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;">Suspended</div> <div style="border: 1px solid gray; padding: 5px;">Surface mount</div> </div>
Protection	NSF rated UL 94: 5VA flame retardancy IP66 suitable for wet location IK10 high impact resistance
Distribution	

PRODUCT FEATURES

POWER SWITCHABLE

CCT SWITCHABLE

Motion Sensor

Emergency Backup Battery

IK10

IP66

Wet Location

Flame Retardant

NEMA 4X

PRODUCT CERTIFICATIONS

5 YEARS WARRANTY

eralux

RoHS

UL CERTIFIED

LOOK FOR THE UL MARK FOR 2E TAPS

NSF

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 – L75 at 100,000 hours

Rated for 75% initial lumen output at 100,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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ORDERING GUIDE

AE-SF-VDHO	-CA	-4 -200/185/155	-010	-8XX	
AE-SF-VDHO ERALUX VADOR HO Vapor tight linear light Surface mount	-CA 120-347VAC	-4 -200/185/155 4 ft/ 200/185/155W 32000/29600/24800 lm	-010 0-10V Dimming	-8XX 80 CRI 3500/4000/5000K Switchable	[BLANK] No option -MS Microwave motion sensor with photocell -EMBB Emergency Battery Backup(8W)

Fixture Family	Input Voltage	Length Power	Dimming	CRI CCT	Controls
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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 - ACCESSORIES

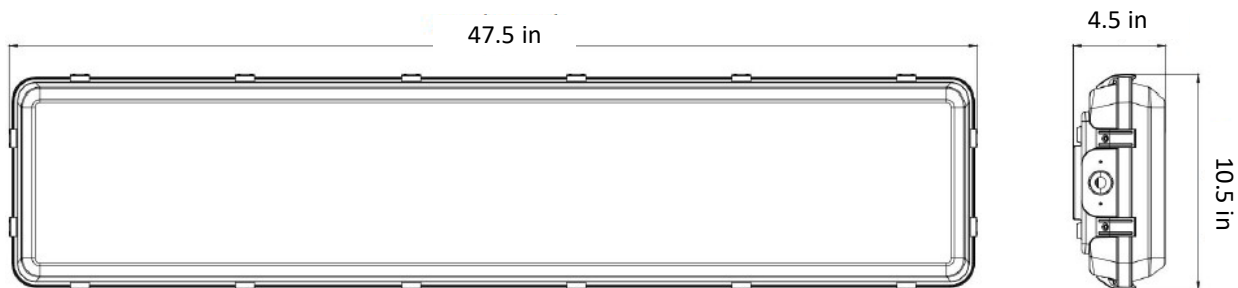
AE-SF-VDHO ERALUX Vador HO Linear strip fixture	-CHAIN Suspension kit

Fixture Family	Suspension Kit
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DIMENSIONS



DIMMER COMPATIBILITY LIST

BRAND	MODEL	BRAND	MODEL
LUTRON	NTSTV-DV	LEVITON	IP710
	NFTV		DS710
	DVTV	LEGRAND	RH4FBL3PW
	DVSTV		

ACCESSORIES FOR SUSPENDED

Ordered separately if needed

CANOPY		
ORDER CODE	DESCRIPTION	PICTURE
AE-SF-VDHO-CHAIN	Suspension kit: Two 5ft chains With V-Hook	

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CONTROLS

EMERGENCY LED DRIVER



This LED Emergency Driver from Streamer is UL listed, and it is factory installed. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 8W constant power at 50-180VDC. Its slim shape is ideal for use in linear strip lighting fixtures.

SPECIFICATIONS	
Input Voltage	100-347Vac
Power Frequency	50/60HZ
Output Voltage	50-180VDC
Output Power	8W
Ambient Temperature	0°C to 50°C
	30°F to 122°F
Installation	Integrated

ROOM OCCUPANCY SENSOR

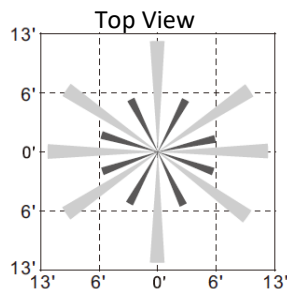
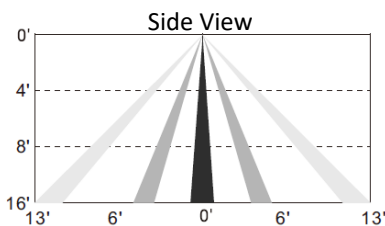
Ordered separately, field installed

PART NUMBER	DESCRIPTION
AE-SF-JB-MOTIONSENSOR	BI-Level Microwave Motion Sensor
AE-SF-JB-MOTIONSENSOR-RMT	RC102 Remote Control



SPECIFICATIONS	
Input Voltage	120-277 Vac
Input Current	30mA
Standby Power	36mW
IP Rating	IP20
Detection Range	3- 7.92 Meters
	9.8- 26 Feet
Mounting Height	4.87 Meters Max
	16 Feet Max
Operating Temperature	-30F to 131°F
	-30°C to 55°C

Zone Coverage



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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
PREMIUM (90CRI)	0.94	0.97	1	1.03

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-VDHO-CA-4-200/185/155-010-8XX		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc		Beam Width	
Wattage	155W	0-20°	3011.11	12		3.3ft	752 fc	8.9 ft	10.6 ft
CCT	3500K	0-30°	6399.44	25.6		6.7ft	182 fc	18.0 ft	21.5 ft
Distribution	120°	0-40°	10464.81	41.8		10.0ft	81.9 fc	26.9 ft	32.1 ft
Length	4ft	0-60°	18371.67	73.4		13.3ft	46.3 fc	35.8 ft	42.7 ft
		0-80°	23166.59	92.6		16.7ft	29.4 fc	45.0 ft	53.6 ft
		0-90°	23982.39	95.8		20.0ft	20.5 fc	53.8 ft	64.2 ft
						■ Vert. Spread: 106.8° ■ Horiz. Spread: 116.2°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-VDHO-CA-4-200/185/155-010-8XX		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc		Beam Width	
Wattage	185W	0-20°	3593.9	12		3.3ft	898 fc	8.9 ft	10.6 ft
CCT	3500K	0-30°	7638.04	25.6		6.7ft	218 fc	18.0 ft	21.5 ft
Distribution	120°	0-40°	12490.25	41.8		10.0ft	97.8 fc	26.9 ft	32.1 ft
Length	4ft	0-60°	21927.48	73.4		13.3ft	55.3 fc	35.8 ft	42.7 ft
		0-80°	27650.45	92.6		16.7ft	35.1 fc	45.0 ft	53.6 ft
		0-90°	28624.16	95.8		20.0ft	24.4 fc	53.8 ft	64.2 ft
						■ Vert. Spread: 106.8° ■ Horiz. Spread: 116.2°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-VDHO-CA-4-200/185/155-010-8XX		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc		Beam Width	
Wattage	200W	0-20°	3885.3	12		3.3ft	970 fc	8.9 ft	10.6 ft
CCT	3500K	0-30°	8257.34	25.6		6.7ft	235 fc	18.0 ft	21.5 ft
Distribution	120°	0-40°	13502.98	41.8		10.0ft	106 fc	26.9 ft	32.1 ft
Length	4ft	0-60°	23705.38	73.4		13.3ft	59.7 fc	35.8 ft	42.7 ft
		0-80°	29892.38	92.6		16.7ft	37.9 fc	45.0 ft	53.6 ft
		0-90°	30945.03	95.8		20.0ft	26.4 fc	53.8 ft	64.2 ft
						■ Vert. Spread: 106.8° ■ Horiz. Spread: 116.2°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-SF-VDHO-CA-4-200/185/155-010-8XX		Zone	Lumens	% Fixture	Direct / Indirect Light	Center Beam Fc		Beam Width	
Wattage	200W	0-20°	3894.54	12		3.3ft	976 fc	9.0 ft	10.7 ft
CCT	5000K	0-30°	8289	25.6		6.7ft	237 fc	18.2 ft	21.8 ft
Distribution	120°	0-40°	13578.9	41.8		10.0ft	106 fc	27.2 ft	32.6 ft
Length	4ft	0-60°	23921.82	73.4		13.3ft	60.1 fc	36.1 ft	43.3 ft
		0-80°	30228.25	92.6		16.7ft	38.1 fc	45.4 ft	54.4 ft
		0-90°	31312.86	95.8		20.0ft	26.6 fc	54.3 ft	65.1 ft
						■ Vert. Spread: 107.3° ■ Horiz. Spread: 116.9°			

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OVERVIEW



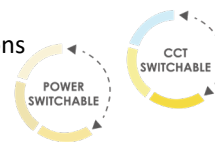
Innovative Design

- High-impact polycarbonate housing with the highest UL 94 rating for flame retardancy.



Multiple Options

- Three CCT switchable
- Three power tunable options



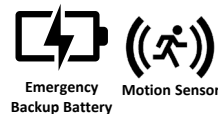
Protections

- IP66; completely protected from dust, and high-pressure water jets from any direction.
- 5VA flame classification material; it has the highest UL 94 rating for flame retardancy
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Durable high impact IK10 optical lens and housing



Accessories

- Suspension kit – Chains.
- Emergency backup battery
- Motion sensor



Mountings Available

- Suspended - Chains
- Surface mount



Tests And Certifications

