

VADOR HO

Built for harsh industrial spaces, VADOR HO delivers 32000lm from a 4ft vapor tight linear at 160lm/W. Switchable power and CCT, an integrated lens and module plate, and UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones.

Parking Garage

Cold Storage

Canopy

Manufacturing



Optional



Optional



IK10



IP66



NEMA 4X



5 YEARS WARRANTY eralux



RoHS



UL CERTIFIED



NSF

Project Information

Type:

Date:

Project:

Catalog #:

Notes:



Key Specifications

Electrical

Input voltage	120-277/347V
Power factor	>0.9
THD	<20%
Dimming	0-10V
Power	200/185/155W switchable

Optical

Lumens	32000lm
Efficacy	160lm/W
CRI	80
CCT	Switchable 3500/4000/5000K
Distribution	120°

Physical

Length	4ft
Mounting	Suspended • surface mount
Ambient	-40°C to 50°C
Ingress	IP66 • wet location
Impact	IK10
Rating	NSF • NEMA 4X • UL 94 5VA
Accessories	Suspension kit (chains)

Certifications

Listings	UL certified • RoHS
Lumen maintenance	L75 at 50000h

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 thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L75 at 50000h

Rated for 75% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-SF-VDHO

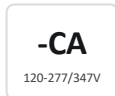
01 FIXTURE FAMILY



AE-SF-VDHO

ERALUX Vador HO vapor tight linear light · surface mount

02 INPUT VOLTAGE



-CA

120-277/347V

03 LENGTH | POWER

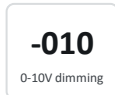
-4-200/185/155

4ft · 200/185/155W

-4-200/185/155

4ft · 32000/29600/24800lm

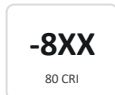
04 DIMMING



-010

0-10V dimming

05 CRI | CCT



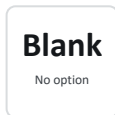
-8XX

80 CRI

-8XX

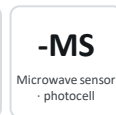
80 CRI · 3500/4000/5000K switchable

06 CONTROLS



Blank

No option



-MS

Microwave sensor · photocell



-EM

15W emergency battery backup

-MS · -EM

Microwave motion sensor with photocell · 15W emergency battery backup

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.

[Install Instruction link](#)

Ordering Guide - Accessories

Suspension Kit (ordered separately)

[RESET](#)

AE-SF-VDHO

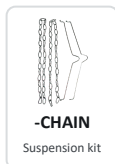
01 FIXTURE FAMILY



AE-SF-VDHO

ERALUX Vador HO linear strip fixture

02 SUSPENSION KIT



-CHAIN

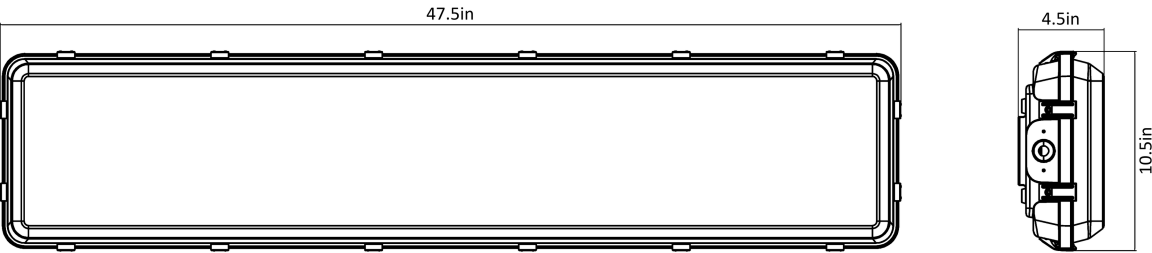
Suspension kit

-CHAIN

Suspension kit: two 5ft chains with V-hook

Dimensions & Accessories

Dimensions

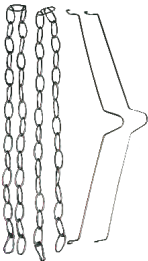


All dimensions in inches.

Accessories

For suspended mounting. Ordered separately if needed.

AE-SF-VDHO-CHAIN **Suspension kit: two 5ft chains with V-hook**



Controls

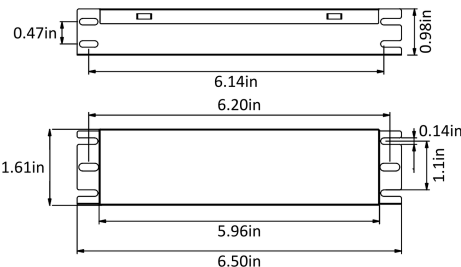
Emergency LED Driver

BLD-CM15H-LT. The EMBB comes integrated in the fixture when -EM is selected on the ordering guide.



The BLD-CM15H-LT series LED Emergency Driver is UL listed for field and factory installation, allowing a single LED fixture to operate in both normal and emergency modes. In case of power failure, it automatically switches to emergency mode to power the fixture for up to 90min. Designed for durability in extreme environments, this "Cold Pack" unit features a constant power design that ensures consistent illumination with a 15W output at 30-150V DC. It utilizes a cold-rated Li-ion battery and an IP65-rated test switch, making it ideal for indoor or damp-rated industrial LED fixtures operating in ambient temperatures from 20°C to 60°C (-4°F to 140°F).

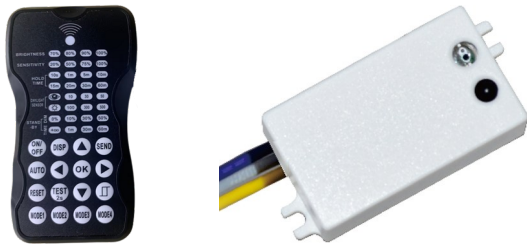
Input voltage	100-347V
Power frequency	50/60Hz
Input power	7W max
Output voltage	30-150V DC
Output power	15W
Ambient	-20°C to 60°C · -4°F to 140°F
Installation	Integrated
Battery type	Cold rated Li-ion battery



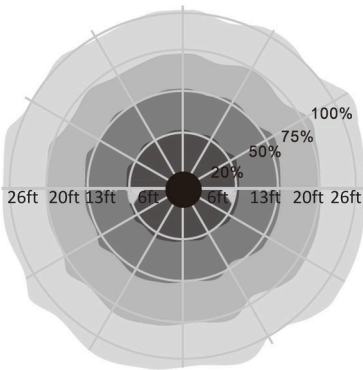
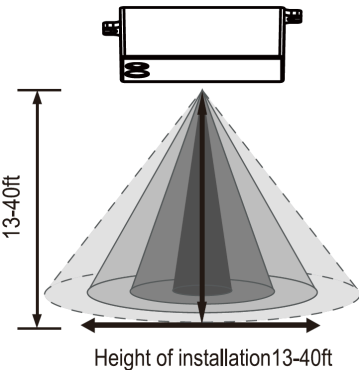
Controls (continued)

Microwave Motion Sensor

-MS. Microwave motion sensor with photocell, integrated in the fixture, with remote control.



Input voltage	12-24V DC
Dimming	0-10V
Transmission power	<0.2mW
Operating temperature	-40°C to 70°C
Mounting height	13-40ft
Remote range	50ft
Detection radius	26ft
Factory setting	Sensitivity 100% · Hold time: 30min Stand-by period: 1min · Stand-by dim level: 30% Daylight sensor: disable



Product Features

Innovative Design

- High-impact polycarbonate housing with the highest UL 94 rating for flame retardancy.
- Stainless steel latches.
- Frosted polycarbonate lens

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

Tests and Certifications

5-year warranty · RoHS · UL certified · NSF

Multiple Options

- Three CCT switchable
- Three switchable power options

Accessories

- Suspension kit - chains.
- Emergency backup battery
- Motion sensor

Mountings Available

- Suspended - chains
- Surface mount

Applications

- Parking Garage
- Cold Storage
- Canopy
- Manufacturing
- Complex Environment

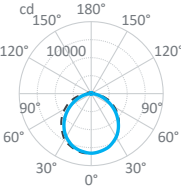


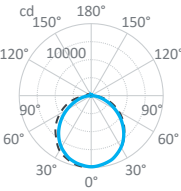
Photometric Data

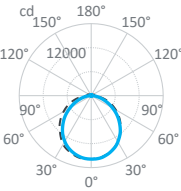
Lumen Estimate Adjustment Factors

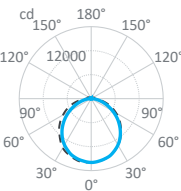
3000K × 0.94 3500K × 0.97 4000K × 1 5000K × 1.03

Premium (90 CRI) factors. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-SF-VDHO-CA-4-200/185/155-010-8XX					DISTANCE CENTER Fc		BEAM WIDTH	
4ft • 155W • 5000K	ZONE	LUMENS	% FIXTURE					
	0-20°	3030.01	11.92		3.3ft	760	9.0ft	10.8ft
Wattage	154W	0-40°	10564.51	41.54	6.7ft	184	18.2ft	21.9ft
CCT	5000K	0-60°	18611.48	73.19	10.0ft	82.7	27.2ft	32.6ft
Distribution	120°	0-80°	23517.93	92.48	13.3ft	46.8	36.1ft	43.4ft
Length	4ft	0-90°	24361.75	95.80	16.7ft	29.7	45.3ft	54.5ft
	0-180°	25429.09	100.00		20.0ft	20.7	54.3ft	65.2ft
					Vert. spread			107.3°
					Horiz. spread			117.0°

AE-SF-VDHO-CA-4-200/185/155-010-8XX					DISTANCE CENTER Fc		BEAM WIDTH	
4ft • 185W • 5000K	ZONE	LUMENS	% FIXTURE					
	0-20°	3618.10	11.92		3.3ft	907	9.0ft	10.8ft
Wattage	184W	0-40°	12614.95	41.54	6.7ft	220	18.2ft	21.9ft
CCT	5000K	0-60°	22223.74	73.19	10.0ft	98.8	27.2ft	32.6ft
Distribution	120°	0-80°	28082.46	92.48	13.3ft	55.8	36.1ft	43.4ft
Length	4ft	0-90°	29090.06	95.80	16.7ft	35.4	45.3ft	54.5ft
	0-180°	30364.55	100.00		20.0ft	24.7	54.3ft	65.2ft
					Vert. spread			107.3°
					Horiz. spread			117.0°

AE-SF-VDHO-CA-4-200/185/155-010-8XX					DISTANCE CENTER Fc		BEAM WIDTH	
4ft • 200W • 3500K	ZONE	LUMENS	% FIXTURE					
	0-20°	3885.66	12.03		3.3ft	970	8.9ft	10.6ft
Wattage	200.6W	0-40°	13504.17	41.82	6.7ft	235	18.0ft	21.5ft
CCT	3500K	0-60°	23707.52	73.42	10.0ft	106	26.9ft	32.1ft
Distribution	120°	0-80°	29894.93	92.58	13.3ft	59.7	35.7ft	42.7ft
Length	4ft	0-90°	30947.72	95.84	16.7ft	37.9	44.9ft	53.6ft
	0-180°	32292.31	100.00		20.0ft	26.4	53.7ft	64.2ft
					Vert. spread			106.7°
					Horiz. spread			116.2°

AE-SF-VDHO-CA-4-200/185/155-010-8XX					DISTANCE CENTER Fc		BEAM WIDTH	
4ft • 200W • 5000K	ZONE	LUMENS	% FIXTURE					
	0-20°	3894.62	11.92		3.3ft	976	9.0ft	10.8ft
Wattage	199.6W	0-40°	13579.06	41.54	6.7ft	237	18.2ft	21.9ft
CCT	5000K	0-60°	23922.21	73.19	10.0ft	106	27.2ft	32.6ft
Distribution	120°	0-80°	30228.70	92.48	13.3ft	60.1	36.1ft	43.4ft
Length	4ft	0-90°	31313.30	95.80	16.7ft	38.1	45.3ft	54.5ft
	0-180°	32685.20	100.00		20.0ft	26.6	54.3ft	65.2ft
					Vert. spread			107.3°
					Horiz. spread			117.0°

Dimming

Dimmer List

Dimmer Compatibility

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

Compatibility verified by Eralux at time of publication. For dimmers not listed, contact the factory.