

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 |
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DYNAMIC MENU

| | |
|-------------------|------------------------|
| Order Information | Page 2 |
| Dimensions | Page 3 |
| Accessories | Page 3 |
| Photometric Data | Page 5 |

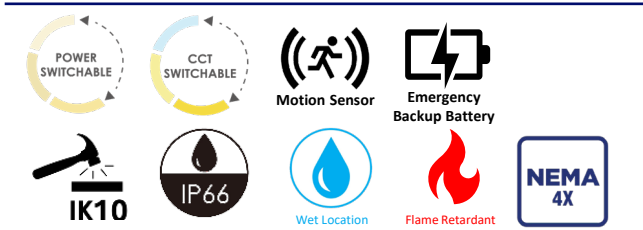
[Install Instruction link](#)



SPECIFICATIONS

| | |
|--------------------------------|---|
| Input Voltage | 120-347V |
| Power Factor | >0.9 |
| Total Harmonic Distortion | <20% |
| Dimming Page 3 | 0-10V dimming |
| CRI | 80 CRI |
| CCT | <div><div>35K</div><div>40K</div><div>50K</div></div> |
| Efficacy | 160 LPW |
| Length | 4' |
| Power(w) | 200/185/155W |
| Ambient Temperature Range | -40°C to 50°C |
| Mounting Options | <div><div>Suspended</div><div>Surface mount</div></div> |
| Protection | NSF rated UL 94: 5VA flame retardancy IP66 suitable for wet location IK10 high impact resistance |
| Distribution | <div>120°</div> |

PRODUCT FEATURES



PRODUCT CERTIFICATIONS



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).

LINEAR LED LIGHT

Vapor Tight Linear | 32000 lumens | 4'



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 |

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.



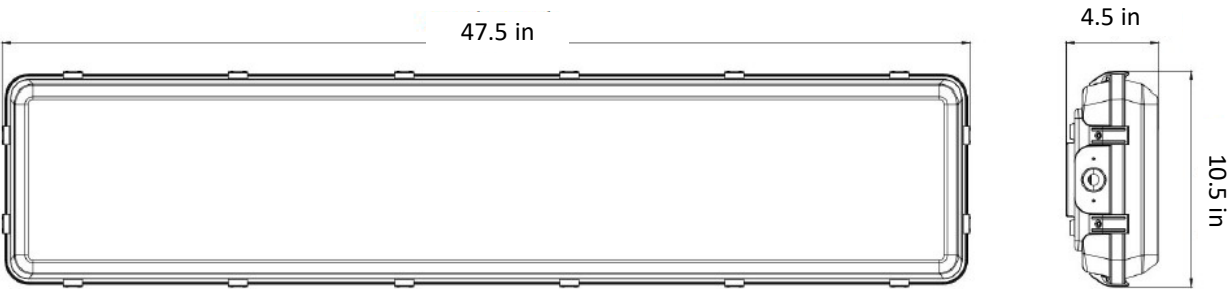
ORDERING GUIDE - ACCESSORIES

| AE-SF-VDHO ERALUX Vador HO Linear strip fixture | -CHAIN Suspension kit |
|--|---------------------------------|
| Fixture Family | Suspension Kit |

LINEAR LED LIGHT

Vapor Tight Linear | 32000 lumens | 4'

DIMENSIONS

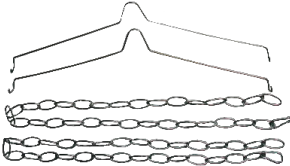


DIMMER COMPATIBLTY LIST

| 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

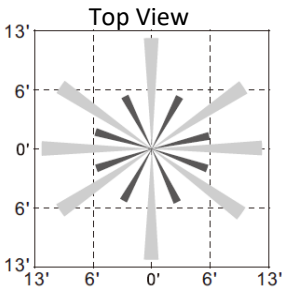
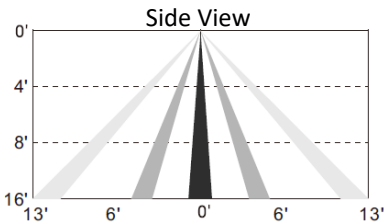
Ordered separately, field installed

| 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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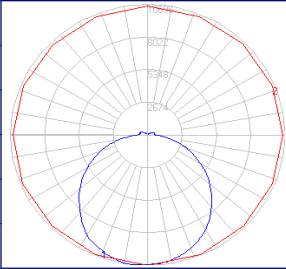
LUMEN ESTIMATE

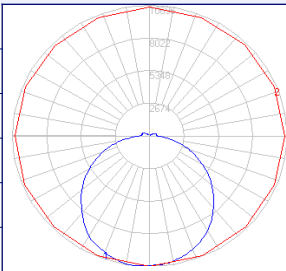
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

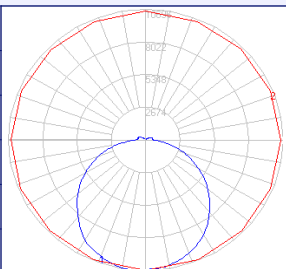
LUMEN ESTIMATE ADJUSTMENT FACTORS

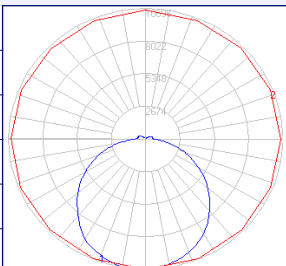
| CCT | 3000K | 3500K | 4000K | 5000K |
|-----------------|-------|-------|-------|-------|
| PREMIUM (90CRI) | 0.94 | 0.97 | 1 | 1.03 |

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



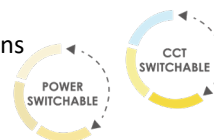
Innovative Design

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



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



Emergency Backup Battery

Motion Sensor



Mountings Available

- Suspended - Chains
- Surface mount



Tests And Certifications

