

LED Linear Light for General Lighting,
7 LED Colors Available



V-LINE LATITUDE SERIES

V-Line® V3220

PATENTS
PENDING

LED Linear Light for General Lighting, 7 LED Colors Available

PRODUCT HIGHLIGHTS

- 7 Watts / Ft.
- 18-30V DC Input
- 0 to 100% Dimming
- 12", 18", 24", 36", 48" Lengths
- 30°, 45°, 65°, 82° Emitting Angles
- Anodized Aluminum Construction
- Exterior Rated

TYPICAL APPLICATIONS

- Automated Equipment Lighting
- Industrial Enclosure Lighting
- Workbench / Workstation Lighting
- Marine / Transit Lighting

SPECIFICATIONS

SUITABLE ENVIRONMENTS



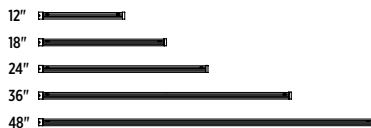
LED COLORS

- Green
- Blue
- Royal Blue
- Cyan
- Red
- Red-Orange
- Amber

FINISH



LENGTHS



BEAM ANGLES



CERTIFICATIONS



Features

■ ADVANCED OPTICAL SYSTEM

Four emitting angle options for precise light. Wide lateral distribution and advanced optical design provides uniform light distribution.

■ 0 TO 100% DIGITAL DIMMING

Connection with i2Systems LightLink Series allows simple and seamless integration to most of today's conventional dimming systems.

■ RUGGED DESIGN

Anodized aluminum housing and sealed design, as well as electronic regulation to the LED source, ensure product longevity.

■ NO HEAT OR UV IN THE LIGHT BEAM

With no heat in the light beam, the fixture lens remains much cooler than halogen sources, allowing safe and 'burn free' operation. In addition, no UV means reduced risk of fading or deteriorating products or artifacts on display.

■ FLEXIBLE MOUNTING OPTIONS

Mounting brackets are available in adjustable or fixed options.

Exclusive Technology

■ SMARTDRIVER™ INTEGRATED

i2Systems SmartDriver technology is integrated directly inside of every fixture. Connect the V-Line to a wide range of voltages without sacrificing light output or lifetime. No external drivers are required and wiring is made simple.

■ LIGHTLINK™ COMPATIBLE

i2Systems LightLink controllers represent the next generation in lighting control and connectivity. LightLink modules provide seamless integration of today's commercial and residential dimming systems through a wide variety of desirable interfaces.

*Refer to Specifications table on page 2 for additional information.

SPECIFICATIONS

| ITEM | PARAMETER | VALUE |
|-------------------|------------------------|---------------------------------------------------------|
| Electrical | Input Power | 7 Watts / Ft.* |
| | Input Voltage Range | 18-30V DC |
| | Integrated Driver | ✓ |
| | 0-100% Dimming | ✓ |
| | Protection Features | Transient Protection, Reverse Polarity, Autoreset Fuse |
| Optical | Emitting Angle | 30°, 45°, 65°, 82° |
| | LED Color | Green, Blue, Royal Blue, Cyan, Red, Red-Orange, Amber |
| | LED Colors per Fixture | 1 |
| | Class | Class 2 LED Product |
| Physical | Dimensions | Refer to drawings on right |
| | Housing Construction | Aluminum |
| | Lens Material | Acrylic |
| | Lengths | 12", 18", 24", 36", 48" |
| | Finishes | Black |
| | Mounting Method | Adjustable, Fixed, or Fixed End Dovetail |
| | Operating Temp. Range | -20°C to 40°C, Max. Case Temp (T _c): 50°C |
| | Humidity | 0 to 95%, non-condensing |
| | Environment | Dry, Damp, Wet** |
| | Certification | FCC Part 15, Class B, ETL (US & Canada), RoHS Compliant |

*Due to constant power design, input current (In) will vary depending on input voltage. Be sure to size wire awg accordingly for worst case input voltage.

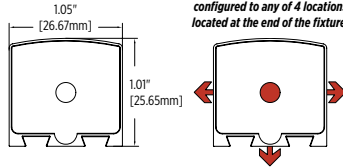
**Product is rated for exterior applications, however it is not rated for submersible applications and should not be mounted in conditions where there is, or is a possibility of, standing water. When installing in wet or damp locations, it is good practice to seal all fixtures and junction boxes with electronics grade RTV silicone sealant to ensure that moisture cannot enter or accumulate in wiring compartments, cables, or other electrical parts. Product should not be installed in extreme locations, including but not limited to those outside of its temperature/humidity ratings and/or applications where product is subject to water runoff or downspouts.

DIMENSIONS

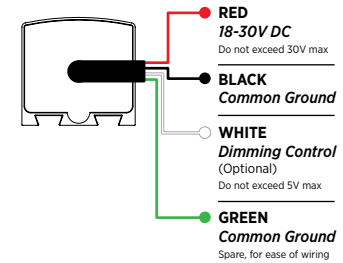
Lengths



End

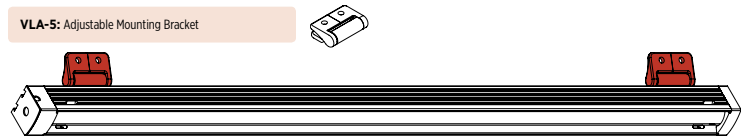


WIRE FUNCTION

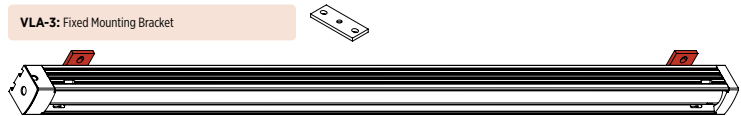


MOUNTING

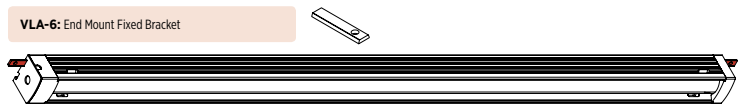
VLA-5: Adjustable Mounting Bracket



VLA-3: Fixed Mounting Bracket



VLA-6: End Mount Fixed Bracket



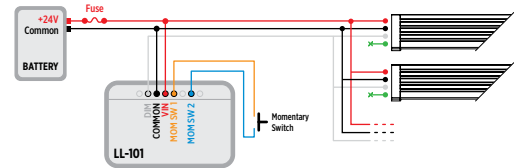
ACCESSORIES

| KEYWORD | ITEM NUMBER | DESCRIPTION | FIXTURE MAX |
|-----------------------------|---------------|--------------------------------------------------------------------------------------------------------|-----------------------------|
| Adjustable Mounting Bracket | VLA-5 | Die-Cast Zinc Adjustable Mounting Bracket w/ Stainless Steel Screws. Installs to back side of Fixture. | |
| Fixed Mounting Bracket | VLA-3 | Fixed Aluminum Mounting Bracket w/ Stainless Steel Screws. Installs to back side of Fixture. | |
| End Mount Fixed Bracket | VLA-6 | Fixed Aluminum Mounting Bracket w/ Stainless Steel Screws. Mates with Dovetail Slots on Fixture Ends. | |
| LightLink LL-101 | LL-101 Series | Dimming Controller, Multiple Interfaces, including Momentary (MOM) Switch Interface. | Dims up to 20 Feet of V3220 |
| LightLink LL-105 | LL-105 Series | Dimming Controller, Multiple Interfaces including 0 to 10V Control. | Dims up to 20 Feet of V3220 |
| LightLink LL-205 | LL-205 Series | Dimming Controller, Multiple Interfaces including 0 to 10V Control. | Dims up to 20 Feet of V3220 |

INSTALLATION EXAMPLES

General Lighting w/ Dimming EXAMPLE:

Shown with Momentary Switch Dimming via LightLink LL-101.



ORDERING NUMBER

FIXED FACTORY NUMBER EXAMPLE: **VL3-245-7**
 USER SELECTED OPTION 24" Length, 45 Degree Beam Angle, Red LED

| VL3 | - | * | - | * | - | * |
|-------------------|---|---|---|---|---|---|
| Length | | | | | | |
| 1 - 12" | | | | | | |
| 8 - 18" | | | | | | |
| 2 - 24" | | | | | | |
| 3 - 36" | | | | | | |
| 4 - 48" | | | | | | |
| Beam Angle | | | | | | |
| 30 - 30° | | | | | | |
| 45 - 45° | | | | | | |
| 65 - 65° | | | | | | |
| 82 - 82° | | | | | | |
| LED Color | | | | | | |
| 3 Green | | | | | | |
| 4 Blue | | | | | | |
| 5 Royal Blue | | | | | | |
| 6 Cyan | | | | | | |
| 7 Red | | | | | | |
| 8 Red-Orange | | | | | | |
| 9 Amber | | | | | | |