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Find the *i2Systems V-LINE Gen3 V3285 (18")* at our website: ***Click HERE***

i2Systems® Simply Advanced.™

CLIENT

PROJECT

★★★★★ MADE IN THE USA



WIDE LATERAL THROW
Patented optical system provides even light distribution

ONLY 1" THICK
Rugged design, advanced features

V-Line® Gen3

DIMMABLE LED LINEAR LUMINAIRE / MODEL V3280

The V-Line Gen3 offers high-performance, small-size linear illumination for premium yacht lighting and wall washing. Incredibly rugged by design with premium materials and fully dimmable.

12″
18″
24″
36″
48″



FEATURES

A Perfect Blend
Patented optical system provides close-to-fixture illumination with short mixing distance and blended color.

Dimmable
Using our LightLink™ Dimmers, experience simple, smooth LED dimming.

Protected
Onboard SmartDriver™ and Active Thermal Management™ offer a level of fixture protection not found anywhere else.

A Lighting Instrument
Ruggedized aluminum extruded housing, premium anodized finish, and engineered brackets offer solid construction and maximum versatility.

MARINE GRADE LED REFIT FRIENDLY

LIGHTLINK · c UL us · FC · ANSI LED BINNING · LM 79 TESTED · LM 80 TESTED LEDS · RoHS COMPLIANT · ★★★★★ MADE IN THE USA

Typical Applications
- Valance
- Cove
- Wall Wash
- Compartment

Quick Specs
8W	Power / Foot
400	Lumen Output / Foot Typ
30°	Beam Angle
65°	Beam Angle
82°	Beam Angle

LED Color
- 3000°K Warm White
- 4000°K Neutral White
- 5700°K Cool White
- Red
- Green
- Blue

Housing
Black Mil-Spec Anodized Aluminum

Mounting
Rotational, Hinged & Fixed Brackets.

PATENTED TECHNOLOGY
092-02773

www.i2Systems.com
+ 1.860.567.0708

V-Line®

MODEL V3280 | DIMMABLE LED LINEAR LUMINAIRE

The V-Line is a dimmable LED linear luminaire. Constructed with premium materials and incredibly rugged by design, the V-Line is offered in five different lengths with fixed and adjustable mounting options.

US 8,255,487 | US 8,264,172
Additional Patents Pending

CUSTOMER COMPANY | CUSTOMER CONTACT

P.O.# | CUSTOMER PHONE #

SHIPPING ADDRESS

FIXTURE BUILDER

V3280A	–		6		I
FIXTURE TYPE		LENGTH	BEAM ANGLE	LED COLOR	APPLICATION

FIXTURE TYPE

V-Line

LENGTH

1	12″
8	18″
2	24″
3	36″
4	48″

BEAM ANGLE

3	30°
6	65°
8	82°

LED COLOR

AAG	Cool White	5700°K
BBD	Neutral White	4000°K
CBB	Warm White	3000°K
DC	Green	
EC	Blue	
HC	Red	

APPLICATION

☑ Indoor

ACCESSORIES

DIMMING CONTROL

	LIGHTLINK	
☐	**LL-101**	Momentary Switch Dimmer
☐	**LL-205-10V**	0-10V Bridge & Dimmer

BRACKETS

	BRACKETS	
☐	**VLA-14**	Rotational Adjustable
☐	**VLA-5**	Hinge Adjustable
☐	**VLA-15**	Fixed

LightLink Dimmers dim up to 50 Feet of V-Line using a single control wire for dimming.

See below for additional dimming information and wiring diagrams.

QUICK SPECS

Input Voltage	18-30V DC
Power / Ft	8 Watts
Lumens / Ft	400 lms typ. @ 3000°K
Efficiency	51 lms / W typ. @ 3000°K
Beam Angle	30°, 65°, 82°
Operating Temp	-20°C to 40°C
Max. Case Temp	50°C
Wiring	6 Ft, 22AWG Cable
Housing	Mil-Spec Anodized Aluminum
Lens	UV-Resistant Acrylic

i2Systems Simply Advanced.™

355 Bantam Lake Rd.
Morris, CT 06763 USA

tel +1.860.567.0708
fax +1.860.567.2501

www.i2Systems.com

sales@i2Systems.com

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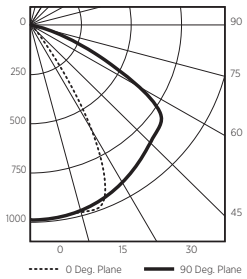
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V-Line®

MODEL V3280 | DIMMABLE LED LINEAR LUMINAIRE

PHOTOMETRICS

V-LINE (V3280A-46CBB) RESULTS



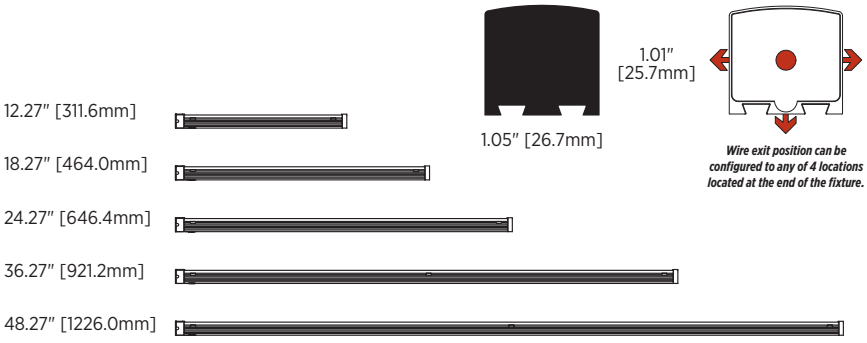
Mounting Height	*fc* @ Center Beam	Diameter of Lighted Plane
4.0 ft	61.1 *fc*	4.78 ft
6.0 ft	27.2 *fc*	7.18 ft
8.0 ft	15.3 *fc*	9.57 ft
10.0 ft	9.78 *fc*	12.0 ft
12.0 ft	6.79 *fc*	14.4 ft
14.0 ft	4.99 *fc*	16.7 ft
16.0 ft	3.82 *fc*	19.1 ft

for lux, multiply by 10.8

Multiplier Table	3000°K	4000°K	5700°K
		x1.05	x1.10

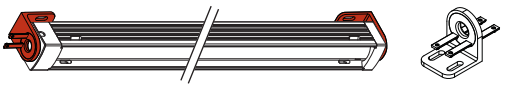
All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

DIMENSIONS

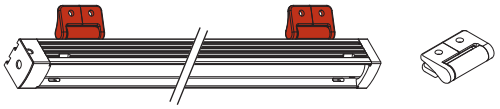


MOUNTING

VLA-14: Rotational Adjustable Mounting Bracket



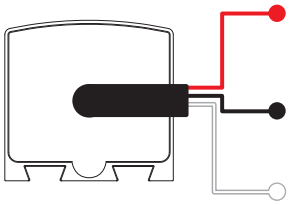
VLA-5: Hinge Adjustable Mounting Bracket



VLA-15: Fixed Mounting Bracket



WIRE FUNCTION



RED
18-30V DC
Do not exceed 30V max

BLACK
Common Ground

WHITE
Dimming Control
(Optional)
Do not exceed 30V max

LIGHTLINK™ *See wiring examples below.*

Using 3rd Party Multiplex & PWM Dimmers:

The White Dimming Control wire is engineered to work with i2Systems LightLink™ Dimmers and 3rd party PWM type dimmers.

To use a 3rd party PWM dimmer, drive the White Dimming Control Wire using a Pulse Width Modulation (PWM) Controller. By driving the White Dimming Control Wire Low to DC Common, the Fixture turns off. By driving the White Dimming Control Wire High to DC Positive (i.e. +24V), or by allowing the wire to Float (no connection), the Fixture turns on to 100%.

The PWM signal must be a Square Wave at a fixed frequency and a maximum voltage of 30V DC. Frequency range may be between 100Hz and 500Hz (user selected). A wiring example is shown on the last page of this spec sheet.

PROTECTION FEATURES

Active Thermal™

Active Thermal dims the V-Line to help reduce the risk of overheating.

Electrical Protection

- Dim Line Protected to 30V DC
- Reverse Polarity Protection
- Auto-Reset Fuse

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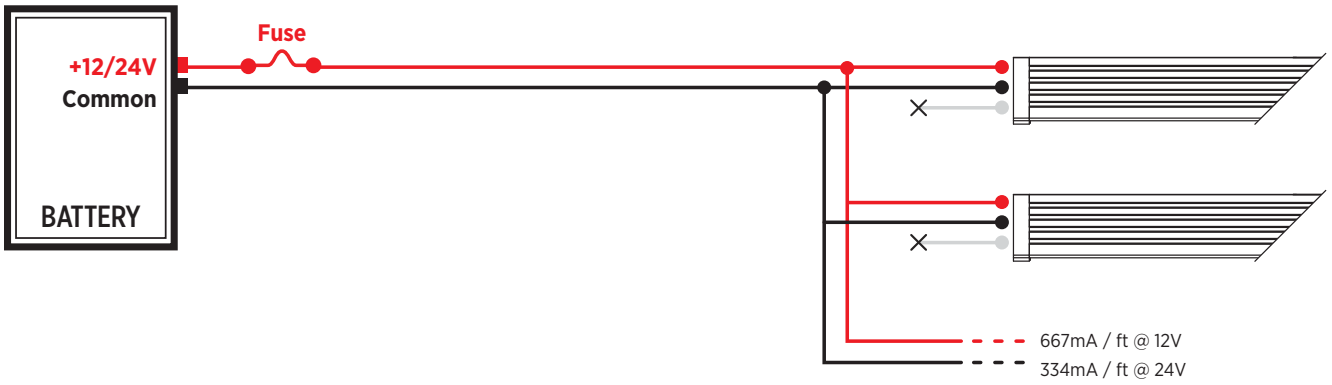
V-Line®

MODEL V3280 | DIMMABLE LED LINEAR LUMINAIRE

For additional examples and dimming details,
visit **www.i2Systems.com/Marine-LED**
to download our Dimming Guide.

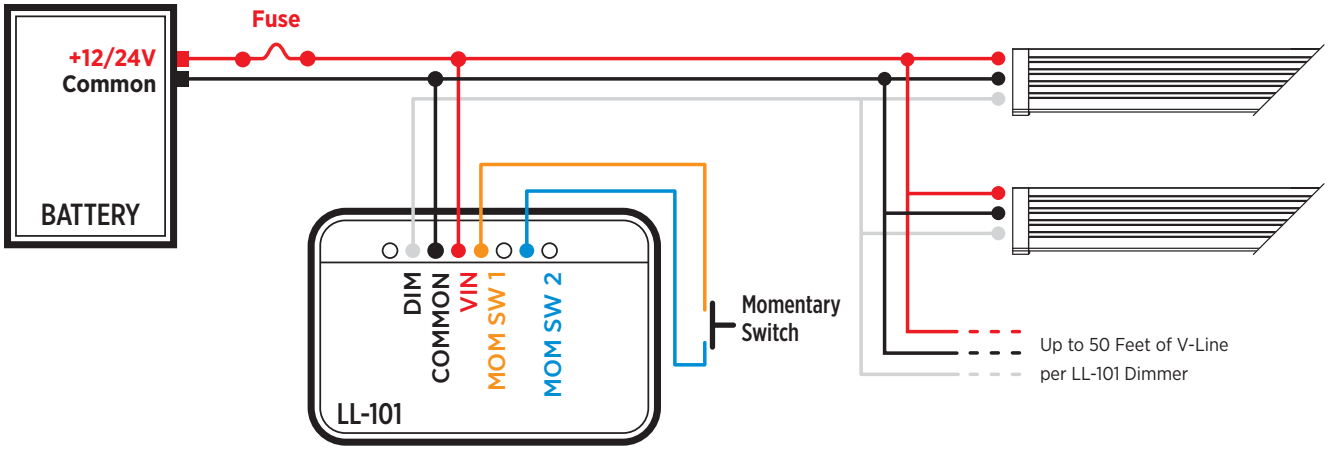
WIRING EXAMPLE

12/24V DC NO DIMMING



WIRING EXAMPLE

12/24V DC PUSH BUTTON SWITCH DIMMING



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