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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

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





V-Line® Gen3 V3280

PATENTS PENDING

LED Linear Light for General Lighting

PRODUCT HIGHLIGHTS

- 8 Watts / Ft.
- 18-30V DC Input
- 0 to 100% Dimming
- 12″, 18″, 24″, 36″, 48″ Lengths
- Active Thermal Management
- 30°, 45°, 65°, 82° Emitting Angles
- Anodized Aluminum Construction

SPECIFICATIONS

SUITABLE ENVIRONMENTS

Dry Damp

A wet location model is available.

LED COLORS

Cool White, Neutral White, Warm White, Green, Blue, Red

FINISH

Black

LENGTHS

12″ 18″ 24″ 36″ 48″

BEAM ANGLES

30° 45° 65° 82°

CERTIFICATIONS

Features



■ ADVANCED OPTICAL SYSTEM

30°, 45°, 65° and 82° emitting angles provide greater efficiency. With a wide lateral beam, use shorter fixtures to illuminate large target surfaces.

Wide Lateral Throw

■ RUGGED DESIGN

Durable, lightweight aluminum housing with Mil-Spec anodized finish. Aluminum housing provides protection and dispersion of heat for increased fixture lifespan.

■ SMARTDRIVER™ INTEGRATED

Onboard electronic regulation ensures current consistency and management of the LED source. Accepting a wide range of voltage, the V3280 provides 100% light output, even over long runs and when connected to 24V DC battery systems (e.g., Marine, Transit, & Off-Grid).

■ 0 TO 100% DIGITAL DIMMING

Connection with i2Systems LightLink dimmers allows simple dimming control in order to optimize lighting effects and dim to low levels without flicker.

■ ACTIVE THERMAL MANAGEMENT

Onboard Active Thermal Management anticipates and protects against overheating by gradually dimming the V3280 to a calculated intensity.*

**Please ensure the V3280 is operated within its specified temperature parameters listed on page 2.*

■ FLEXIBLE MOUNTING OPTIONS

Brackets (not shown) are available in adjustable or fixed options (see next page).

i2Systems ADVANCED LED LIGHTING
Integrated Illumination Systems, Inc.
355 Bantam Lake Road
Morris, CT 06763 USA
tel +1.860.567.0708
fax +1.860.567.2501
sales@i2systems.com

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SPECIFICATIONS

ITEM	PARAMETER	VALUE
Electrical	Input Power	8 Watts / Ft.*
	Input Voltage Range	18-30V DC
	Integrated Driver	✓
	0-100% Dimming	✓
	Protection Features	Active Thermal Management, Protected Dim Line, Transient Protection, Reverse Polarity, Autoreset Fuse
Optical	Emitting Angle	30°, 45°, 65°, 82°
	LED Color	Cool White, Neutral White, Warm White, Red, Green, Blue
	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 or Fixed
	Operating Temp. Range	-20°C to 40°C, Max. Case Temp (Tc): 50°C
	Humidity	0 to 95%, non-condensing
	Environment	Dry, Damp**
	Certification	FCC Part 15, Class A, cULus (US & Canada), RoHS Compliant

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

**A Wet Location Model of the V3280 is available. Refer to V3285.

ACCESSORIES

KEYWORD	ITEM NUMBER	DESCRIPTION	FIXTURE MAX
Rotating Mounting Bracket	VLA-14	Rotating Aluminum Mounting Bracket with Stainless Steel Screws. 180° of On-Center Rotation.	
Fixed Mounting Bracket	VLA-15	Fixed Aluminum Mounting Bracket with Stainless Steel Screws. Installs to Back Side of the Fixture.	
Adjustable Mounting Bracket	VLA-5	Die-Cast Zinc Adjustable Mounting Bracket with Stainless Steel Screws. Installs to Back Side of the Fixture.	
LightLink LL-101	LL-101 Series	Dimming Controller, Momentary (MOM) Switch Interface.	Dims up to 20 Feet of V3280
LightLink LL-105	LL-105-R	Dimming Controller, Multiple Interfaces including 0 to 10V Control.	Dims up to 50 Feet of V3280
LightLink LL-205	LL-205 Series	Dimmer, Multiple Interfaces including 0 to 10V Control.	Dims up to 50 Feet of V3280
Power Box	PS24V75W-E05P	Power Box, 75W, 120-277VAC Input, 24VDC Output, Steel Enclosure.	Powers up to 10 Feet of V3280

DIMENSIONS

Lengths

12.27" [312mm]

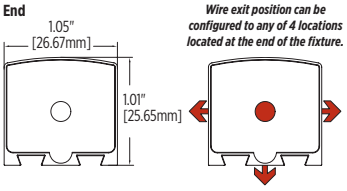
18.27" [464mm]

24.27" [617mm]

36.27" [922mm]

48.27" [1226mm]

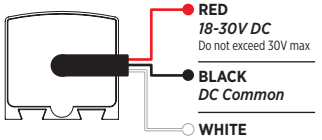
End



Wire exit position can be configured to any of 4 locations located at the end of the fixture.

Included cable is 6 feet in length.

WIRE FUNCTION



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

BLACK
DC Common

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

For logic level on/off control, connect Dim (white) to DC Common (black) to set the V3280 intensity to 0%.

MOUNTING

VLA-14: Rotating Mounting Bracket



Use 2 VLA-14 per standalone fixture. For continuous runs, use 1 VLA-14 per fixture with the last fixture requiring 2 brackets.



VLA-15: Fixed Mounting Bracket



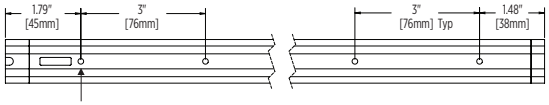


VLA-5: Adjustable Mounting Bracket





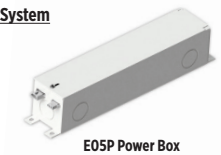
Hard-Mount Direct To Fixture



Use a #8 Screw for Mounting.

BUILDING A 120V AC LED LINEAR SYSTEM

Baseline System



E05P Power Box

+



V-Line V3280
(up to 10 linear feet)

Maximum recommended distance between the Power Box and the last V3280 Luminaire is 50 feet using 16 awg wire.

ORDERING NUMBER

FACTORY NUMBER
USER SELECTED OPTION

EXAMPLE: **V3280A-24CBBI**
24" Length, 45 Degree Beam Angle, Warm White LED

V3280A	-	*	*	*	XXX	I
Product Type		Length	Beam Angle	LED Color	Color Bin Code	

Length
1 - 12"
8 - 18"
2 - 24"
3 - 36"
4 - 48"

Beam Angle
3 - 30°
4 - 45°
6 - 65°
8 - 82°

LED Color
A Cool White
B Neutral White
C Warm White
D Green
E Blue
H Red

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Morris, CT 06763 USA

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