

Gen3™

Gen3™ is an architectural-grade, wet-location LED luminaire engineered for the illumination of highlighting walls and surfaces.



▶ FEATURES

- Gen 3 Design allows for any combination of 1, 2, 3, and 4ft LED modules to be installed for up to 10ft from a single power feed.
- 1% low-level flicker free dimming.
- Active Thermal management monitors LED module case temperature and discreetly dims LED module upon signs of possible overheat.
- SmartDriver™ technology integrated in every LED module, maintaining continuous output regardless of voltage drop, temperature or voltage fluctuations.
- Actively managed ANSI Sub-Binning to ensure accurate and consistent color matching for each LED module.

▶ PHYSICAL

- Mil-Spec Anodized Aluminum Housing with UV Resistant Acrylic Lens.
- Weight: 12" (0.7lbs), 18" (0.9lbs), 24" (1.5lbs), 36" (2.1lbs), 48" (2.9lbs)
- Warranty: 3 Years

▶ ELECTRICAL SPECIFICATIONS

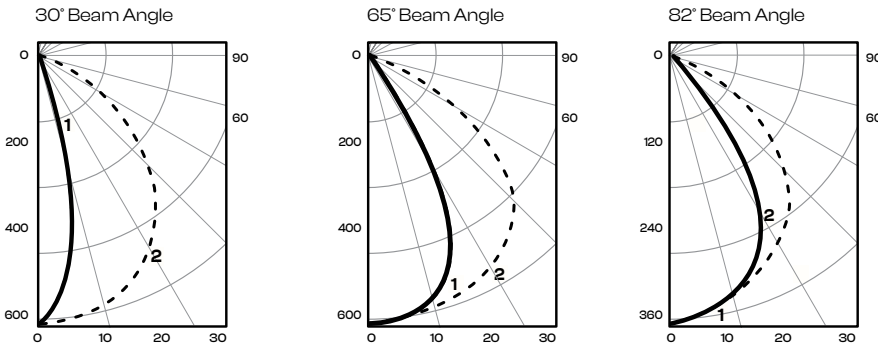
Input Voltage	20-30V DC, 24V nom. Use with E05PW (75W & 120/277V)
Input Power	3W/Ft - 7W/Ft
Max. Load	10 Ft @ 7W/Ft and 25Ft @ 3W/Ft
Max. Wire Distance	50 Feet from Last Light to Power Box using 16 AWG
Temperature	Startup /Operating: -20°C to +40°C (-4°F to 104°F) Relative Humidity: 0-95% (non-condensing)
Dimming	1% via LightLink™ at 0-10V
Life	60,000 hours to L70
Rating	IP 50 (Indoor), IP66 (Outdoor)



▶ PERFORMANCE

EFFICACY: 80lms/W, 7W/Ft

POLARPLOT ——— 0 Deg. Plane - - - - - 90 Deg. Plane



i2Systems® will use specification code and dimensional information below to generate a full BOM that includes all parts needed for a complete installation.

▶ SPEC CODE BUILDER

EXAMPLE: V3-I-7W-35K-H-6-B-VLA-14-LB-D1

Product	Location	Power	Color	CRI	Beam	Finish	Brackets	Accessories
V3								
	I - Indoor	3W - 3 Watts	18K - 1800K	H - 92+ CRI	3 - 30' x 60' lateral at endcap	B - Black	VLA-14 - Adjustable	LB - Louver Black
	O - Outdoor	4W - 4 Watts	20K - 2000K		6 - 65' x 60' lateral at endcap	S - Silver	VLAX2-6 - Extend 6"	LC - Louver White
		5W - 5 Watts	22K - 2200K		8 - 82' x 60' lateral at endcap		VLAX2-12 - Extend 12"	
		6W - 6 Watts	25K - 2500K				VLA-5 - Adjustable	
		7W - 7 Watts	27K - 2700K				VLA-15 - Fixed	
V3			30K - 3000K					
			35K - 3500K					
			40K - 4000K					
			45K - 4500K					
			50K - 5000K					
			57K - 5700K					
			65K - 6500K					
							Controls	Fixture Length
							SW - Switch On/Off	To be filled out by Contractor / Distributor
							D1 - via LightLink™ 0-10V Dimming	



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ACTIVE-THERMAL
MANAGEMENT



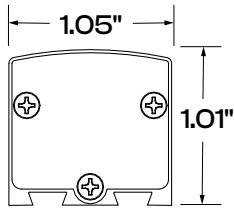
ALUMINUM
HOUSING



WATERPROOF

▶ LED MODULE DIMENSIONS

Available in (5) lengths for indoor and outdoor applications.

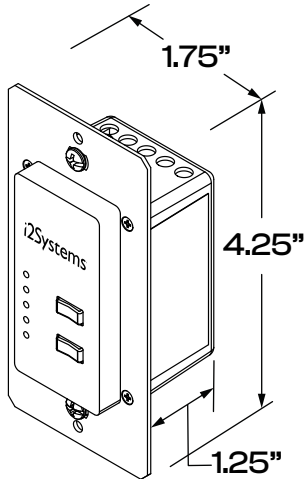


▶ DIMMING CONTROL

LightLink™ LL-205-10V

(Controls up to (5) power boxes)

Refer to Installation Instructions for wiring distances or contact Factory for voltage drop calculations

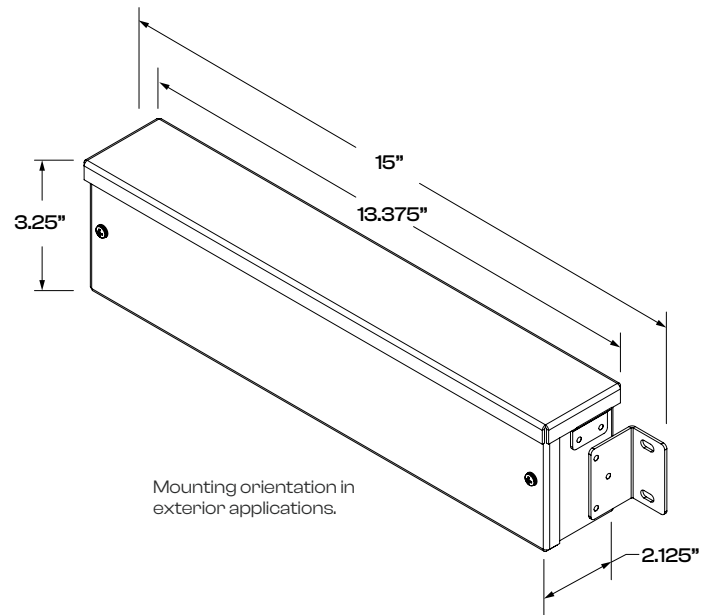


Standard recessed 2x4 junction box with overlap wall plate

▶ POWER BOXES

75W Power Box* PS24V75W-E05PW
(120-277VAC Universal Input, Class II Supply)

*Powers up to 16 Ft of Gen3



Mounting orientation in exterior applications.



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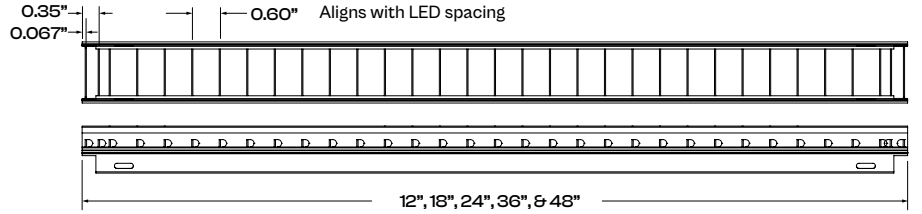
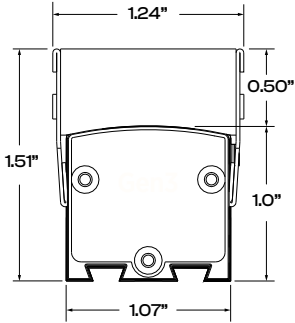


WATERPROOF

▶ OPTICAL ACCESSORY

Baffle
(810-02663-XX W or B)
For use without debris guard

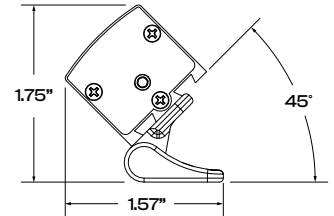
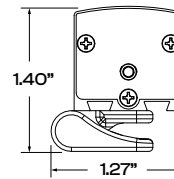
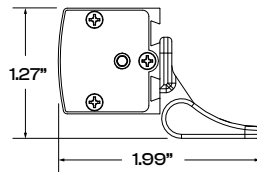
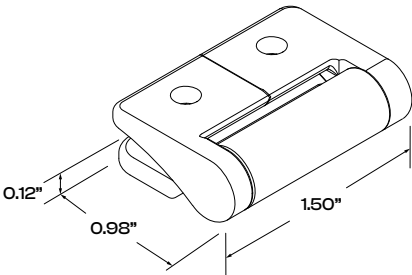
XX = Length: 12, 18, 24, 36, 48
W- White finish
B- Black finish



▶ BRACKETS

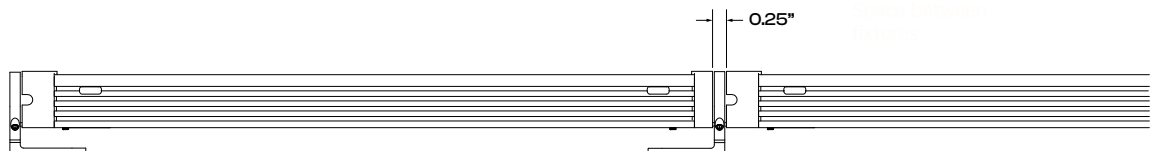
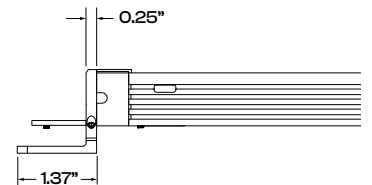
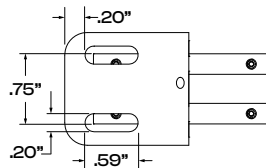
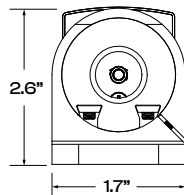
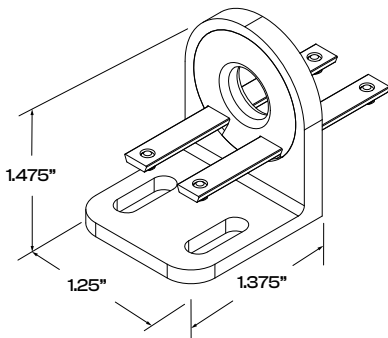
Finish Black

Adjustable Hinge Mount
(VLA-5)



Adjustable End-Mount
(VLA-14)

Finish Black



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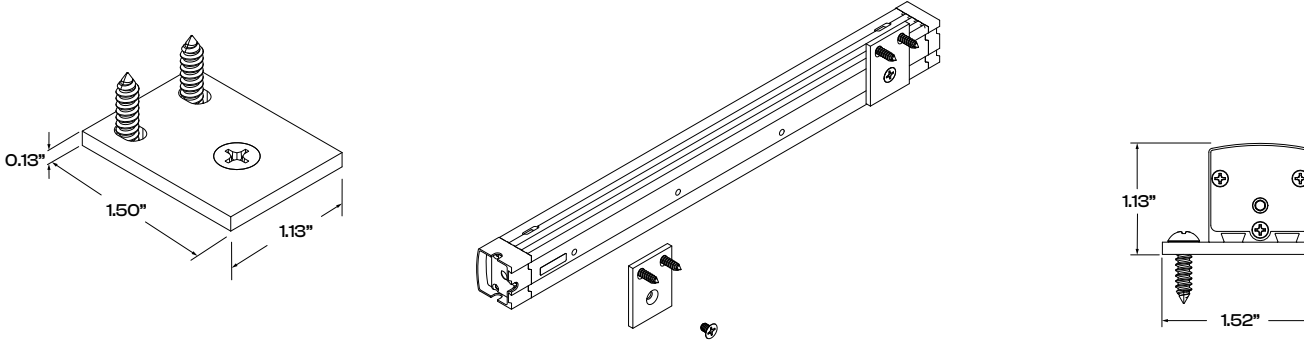
AL
ALUMINUM
HOUSING



WATERPROOF
IP66

Fixed
(VLA-15)

Finish Black



Extended Adjustable Mounting
(VLAX2-6)
(VLAX2-12)

Finish Black

