



LVX™ Series

Slim LED Linear Vapor Tight Luminaire

DESCRIPTION

Aleo's LVX™ UX series offers an attractive, energy-saving solution to wet applications. Designed for performance and longevity at an unbeatable value. Manufactured for challenging situations where the fixture's gasketed enclosure protects against dust, spray, humidity, and liquid.

APPLICATIONS

Excellent for IP-rated, wet location applications: Parking garage, warehouse, industrial facilities, airports, cold storage, car wash, garden centers, food storage.

LVX™ SERIES

4' 34W / 38W / 45W
8' 38W / 46W / 54W

QUICK SHIP

LVX-4-UXH-45/8CT XE G4
LVX-8-UXL-54/8CT XE G4

SPECIFICATION FEATURES

- CONSTRUCTION**
Durable enclosure and lens offers protection against dust, jet spray, humidity and water intrusion. Latches ensure solid security from challenging environments.
- OPTICAL SYSTEM**
Reflector systems features highly reflective gear tray and delivers balanced, comfortable illuminance for productive spaces. Diffuser lens reduces glare and improves occupant comfort while maintaining high efficiency emission.
- CERTIFICATION**
UL Listed. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. Suitable for Wet Locations. DLC Standard (LVX-8) and Premium (LVX-4).
- WARRANTY**
7-year Limited Warranty. See warranty documentation for more information.
- ELECTRICAL**
Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Universal voltage (120-277V) for convenient installation.
- INSTALLATION / MOUNTING**
For surface-mount or suspension-mount. Equipped with mounting bracket.
- CONTROLS / DIMMING**
Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.
- FIELD ADJUSTABLE CCT**
Increased versatility and reduced inventory burden. Color Temp. can be adjusted in the field by selecting (3) different CCTs via switch on driver box.

ORDERING INFORMATION

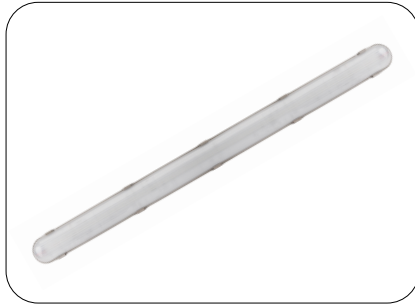
EXAMPLE: LVX-4-UXH-45/8CT XE G4

LVX	4	UXH	45	8	CT	(XX)	[Blank]	[Blank]
Series	Form Factor	Lumen Package	Max Wattage	CRI	Color Temp	Nominal Wattage	Input Voltage	Dimming
LVX Slim LED Linear Vapor Tight Luminaire	4 - 4' 8 - 8'	UXH High Lumen UXL Low Wattage	45 45W 54 54W	8 83+	CT Field Adjust. 3500K 4000K 5000K *Utilize 3-way switch to select	4' 34W / 38W / 45W 8' 38W / 46W / 54W *Wattage Factory Set	Blank 120V-277V	Blank 0-10V Continuous Dimming

Options

Latches	Emergency Backup ¹	Controls*	Designation
Blank Stainless Steel Latches	EM700 700lm EM1400 1400lm EM2000 2000lm EM2C Secondary Emergency Circuit (3500lm)	See Pg. 4 for details on sensors and controls *Sensor Sold Separately, LVX-4 only	BAA Buy American Act Compliant BABAA Build America, Buy America Act Compliant

Specifications and Dimensions subject to change without notice.



PERFORMANCE SUMMARY

Input Voltage	120V-277V	Color Consistency	5-step MacAdam Ellipse
Input Frequency	50/60 Hz	Rated Life	75,000 hours
Rated Wattage	See Performance Table	Power Factor	> 0.9
Delivered Lumens	See Performance Table	THD	< 20%
Efficacy	> 131 LPW (typ.)	Dimming	0-10V Continuous (10-100%)
CRI	83+, R9 > 0	Operating Temp	-40°C to +45°C
Available CCT	3500K, 4000K, 5000K	IP Rating	IP65 Wet Location

DLC QPL DATA



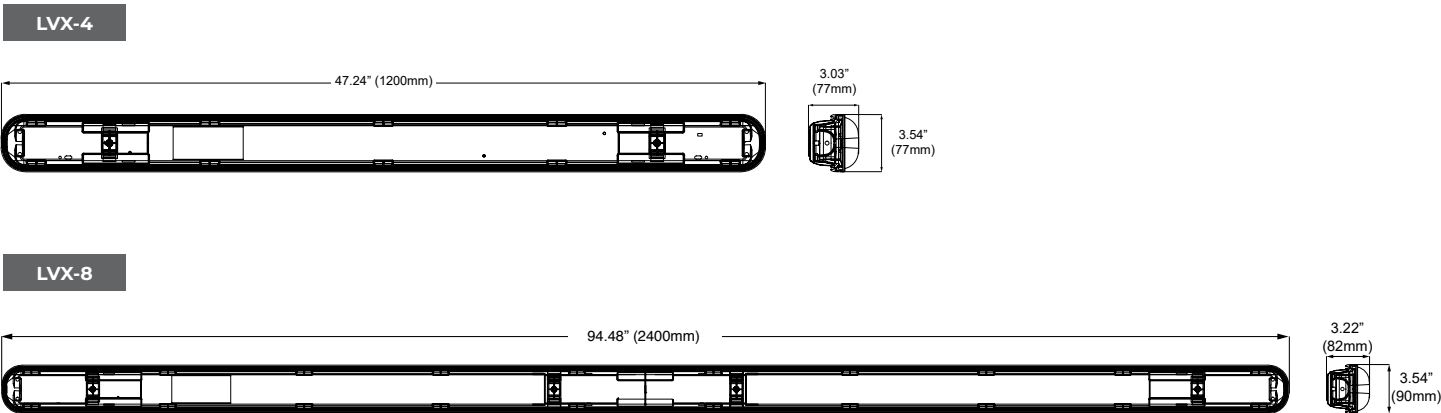
QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
LVX-4-UXH-45/8CT XE G4 (34)	PUSMFS6W	5	Premium	Direct Linear Ambient Luminaires
LVX-4-UXH-45/8CT XE G4 (38)	P9SP1LF3	5	Premium	Direct Linear Ambient Luminaires
LVX-4-UXH-45/8CT XE G4 (45)	PI15R9XT	5	Premium	Direct Linear Ambient Luminaires
LVX-8-UXL-54/8CT XE G4 (38)	PQWTU5BB	5.1	Standard	Direct Linear Ambient Luminaires
LVX-8-UXL-54/8CT XE G4 (46)	P7Q0PTI5	5.1	Standard	Direct Linear Ambient Luminaires
LVX-8-UXL-54/8CT XE G4 (54)	P3W0MVXJ	5.1	Standard	Direct Linear Ambient Luminaires

¹ IMPORTANT: THE BATTERY MUST BE RECHARGED EVERY THREE (3) MONTHS. IF NOT RECHARGED ACCORDINGLY, BATTERY MAY FAIL AND VOID WARRANTY
Specifications and Dimensions subject to change without notice.

PERFORMANCE DATA

				3000K		4000K		5000K	
	Catalog No.	Rated Wattage (W)	Tested Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
4'	LVX-4-UXH-45/8CT XE G4	34	33	4,719	143	5,214	158	4,818	146
		38	38	5,320	140	5,890	155	5,434	143
		45	45	6,075	135	6,705	149	6,210	138
8'	LVX-8-UXL-54/8CT XE G4	38	37	5,402	146	5,809	157	5,513	149
		46	44	6,292	143	6,776	154	6,424	146
		54	54	7,614	141	8,208	152	7,776	144

PRODUCT DIMENSIONS



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PRODUCT OPTIONS

SENSOR OPTIONS*

Catalog No.	Description	Ordering	Shipping	Remote Control	Sensor Mounting
AB-SHF-FM-DVL	AleoBlue, Wireless Bluetooth® High Frequency Occ Sensor w/ Daylight Harvesting, 12V DC input, snap-in with quick connector	Order and Ship Separately	Field Install	AleoBlue App	Snap in Gear Tray / Behind Lens
SHF-OSDL/IR-PP3-DC-320	Multi-level High Frequency Occ Sensor w/ Photocell Function, snap-in with quick connector, IR remote setting, Rectangular	Order and Ship Separately	Field Install	RC100	Snap in Gear Tray / Behind Lens

*ONLY COMPATIBLE WITH LVX-4-UXH-45/8CT XE G4



SHF-OSDL/IR-PP3-DC-320



AB-SHF-FM-DVL

aleoblue™

LOOKING FOR ADDITIONAL ALEOBLUE CONTROL DEVICES?

Enhance your lighting system with optional AleoBlue control devices designed to expand functionality and simplify installation. [Click here](#) or scan the QR code to view all currently available options.

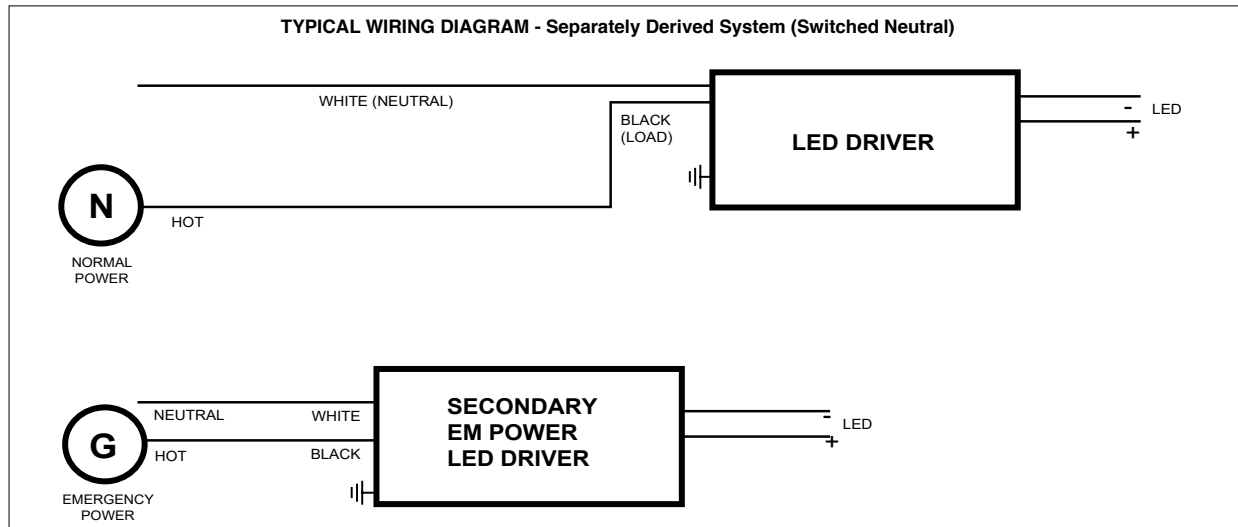


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EM2C SECONDARY EMERGENCY CIRCUIT 3500 LUMENS

Independent, auxillary lighting at full brightness from the generator or inverter, regardless of local controls/sensor settings.



BAA AND BABAA COMPLIANT

BAA - BUY AMERICA ACT COMPLIANT

Complies and Qualifies for projects requiring Buy America Act (BAA) compliant product

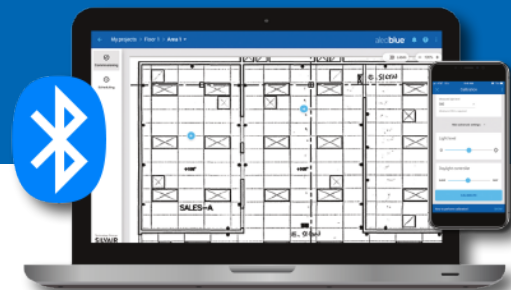
BABAA - BUILD AMERICA, BUY AMERICA COMPLIANT

Complies and Qualifies for projects requiring Build America, Buy America Act (BABAA) compliant product

*Note: BAA and BABAA product will require lead times approximately ranging from 12-18 weeks. Contact your Aleo representative for more information



ALEOBLUE WIRELESS BLUETOOTH® CONTROLS

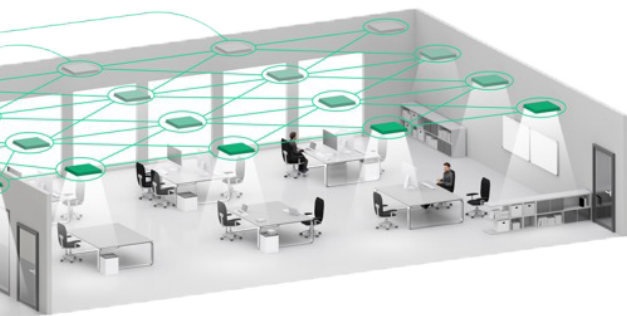


The AleoBlue is a complete solution for managing connected lighting systems using a Bluetooth® NLC lighting network. This enables seamless implementation of simple to complex lighting control scenarios without specialized training or lighting control engineering expertise.

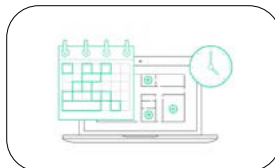
DLC NLC Qualified.

FEATURES AND BENEFITS

- Lighting Zones / Grouping
- Manual control of individual lights
- On Power up Behavior
- Zone Linking
- High-End Trim
- LLLC (Luminaire Level Lighting Controls)
- Energy Monitoring
- Optimized Energy Consumption
- Less Hassle with On-Site Adjustments
- More Savings
- Increased Safety
- More Flexibility
- Intuitive and user-friendly web and iOS apps
- No specialized training or lighting control expertise required
- Optimized for commercial spaces of any size
- No additional wiring or central control box
- Customizable lighting control parameters
- Future proof with Software Updates
- Multiple Zone Configurable
- Built-In Scenarios + Customization



SCHEDULING



SCENES



BLUETOOTH® NLC TECHNOLOGY ADVANTAGES



The fastest low-power communication



Scalability to thousands of devices



The most advanced encryption standards as well as the cutting-edge device authentication

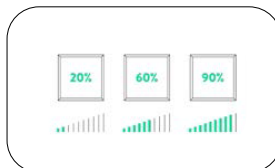


No single point of failure (no central device)

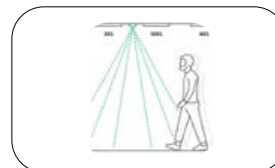


Compatibility with a widely available devices (smart phones & tablets – both with Bluetooth® 4.0 and Bluetooth® 5)

HIGH / LOW END TRIM

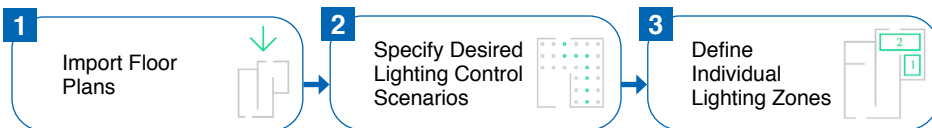


OCCUPANCY SENSING



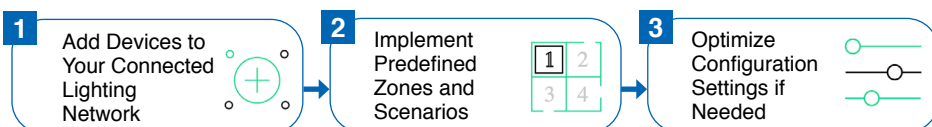
PLANNING

Remote preparation of a retrofit project with the use of our web app. Uploading floor plans, defining individual lighting zones and choosing lighting control scenarios.



IMPLEMENTATION

Adding lighting devices to the Bluetooth® NLC network on-site with the use of an iOS app. Customization and calibration of lighting control parameters during and after the commissioning process. Defining scenes for specific working activities.



PROVISIONING / CONFIGURATIONS

The Bluetooth® NLC Node is in the Unprovisioned Mode until it is provisioned by a "Provisioner", which typically is a smart phone with a Bluetooth® NLC compatible app.

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