

ALX™ Series

LED Area Luminaire



DESCRIPTION

The Aleo ALX™ Series combines energy-efficiency, advanced optical control, and modern slim profile aesthetics to deliver enhanced performance to area lighting applications. Rugged die-cast housing provides advanced thermal management for long life and weather-proof compartment to withstand challenging, outdoor environments.

APPLICATIONS

Parking lots, walkways, auto dealerships, outdoor retail shopping centers, recreational spaces, campuses.

ALX™ SERIES

150W
300W

QUICK SHIP

ALX-150UX/CT SR/RC (TAA)
ALX-300UX/CT SR/RC (TAA)

SPECIFICATION FEATURES

- CONSTRUCTION**
 Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Weather-proof, gasketed driver compartment protects electronics against environmental elements.
- OPTICAL SYSTEM**
 Precision-formed optical lens system reduces glare and improves safety and security by delivering high-efficiency illumination with precise optical distribution. Type III distribution comes standard. Type III and V available.
- CERTIFICATION**
 UL Listed. All components have UL certification.
- ELECTRICAL**
 Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features universal voltage (120-277V) and high voltage (227-480V) for convenient installation.
- TAA COMPLIANT**
 TAA compliant for U.S. government procurement.
- INSTALLATION / MOUNTING**
 Versatile platform includes different mounting options, including: straight arm, trunion, slip-fitter, yoke mount and rotatable pole-mount.
- CONTROLS / DIMMING**
 Suitable for use with sensors and photocells to achieve deeper energy-savings and code compliance. Comes standard with receptacle for plug and play occupancy sensor or photocell.
- FIELD ADJUSTABLE CCT / WATTAGE**
 Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via switch outside the housing.
- WARRANTY**
 7-year Limited Warranty. See warranty documentation for more information.

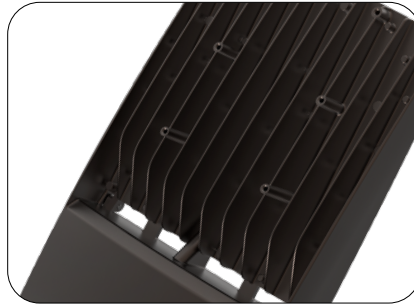
ORDERING INFORMATION

EXAMPLE: ALX-150UX/CT SR/RC (TAA)

ALX	150	UX	CT	SR/RC	(TAA)	[Blank]
Series	Nominal Wattage	Lumen Package	Color Temp	SR/RC	TAA	Finish Color
ALX Slim LED Area Luminaire	150 80W / 100W / 150W 300 200W / 240W / 300W	UX Field Adjustable Wattage	CT Adjustable CCT 3000K / 4000K / 5000K	SR/RC Sensor Ready w/ Sensor Receptacle	(TAA) Trade Agreement Act Compliant	Blank Dark Bronze RAL#8019

[Blank]	[Blank]	Options
Distribution Type	Mounting (Sold Separately)	Controls
Blank Type III T5 Type V	ALX-ASA (TAA) Straight Arm ALX-ASF (TAA) Slip Fitter ALX-ASR (TAA) Rotatable Straight Arm ALX-AUB (TAA) Adjustable Trunion ALX-YOK-S (TAA) Yoke Mount (Small) ALX-YOK-L (TAA) Yoke Mount (Large)	See Pg. 3 for Ordering Details

Specifications and Dimensions subject to change without notice.



PERFORMANCE SUMMARY

Input Voltage	120V-277V, 277V-480V	Rated Life	75,000 hours
Input Frequency	50/60 Hz	Power Factor	> 0.9
Rated Wattage	See Performance Table	THD	< 20%
Delivered Lumens	See Performance Table	Controls	Plug N Play Sensors
Efficacy	> 123 LPW (typ.)	IP Rating	IP65
CRI	80+	Operating Temp.	-40°C to 50°C
Available CCT	3000K/4000K/5000K	Surge Protection	6KV

PERFORMANCE DATA

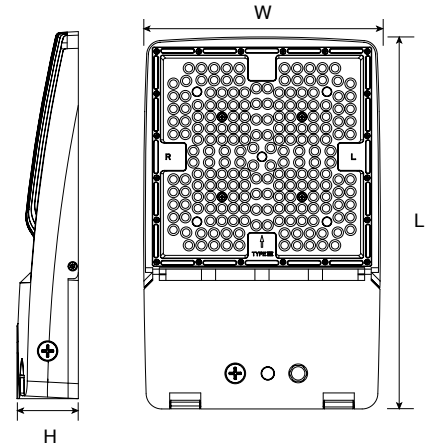
Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
ALX-150UX/CT SR/RC (TAA)	80	3000K	10,250	80.2	127.8
		4000K	11,385	76.0	149.8
		5000K	10,772	79.5	135.5
	100	3000K	12,675	100.2	126.5
		4000K	14,089	95.0	148.3
		5000K	13,326	99.3	134.2
	150	3000K	18,805	150.2	125.2
		4000K	20,904	142.4	146.8
		5000K	19,774	148.9	132.8
ALX-300UX/CT SR/RC (TAA)	200	3000K	25,253	200.1	126.2
		4000K	28,708	190.5	150.7
		5000K	27,492	199.8	137.6
	240	3000K	30,013	240.1	125.0
		4000K	34,107	228.6	149.2
		5000K	32,661	239.8	136.2
	300	3000K	37,122	300.1	123.7
		4000K	42,198	285.7	147.7
		5000K	40,400	299.7	134.8

Specifications and Dimensions subject to change without notice.



PRODUCT DIMENSIONS

Model No.	L	W	H
ALX-150UX/CT SR/RC (TAA)	15.55"	9.88"	2.60"
ALX-300UX/CT SR/RC (TAA)	18.74"	12.68"	2.76"



PRODUCT OPTIONS

SENSOR OPTIONS

Catalog No.	Description	Ordering	Shipping	Remote Control
SPIR-OSDL/BT-PP1-DC-302-BLK	AleoBlue, Wireless Bluetooth® PIR Occ Sensor w/ Daylight Harvesting, 12V DC input, Plug and Play 3.5mm port, 40ft high bay lens, 300ft range, Black	Order and Ship Separately	Field Install (Plug/Play)	AleoBlue App
EFS07-AUX	Multi-level Passive Infrared Occ Sensor w/ Photocell Function, Plug and Play 3.5mm port, IR remote setting	Order and Ship Separately	Field Install (Plug/Play)	SRC-A01
PC-PP1-DC300	Photocell Sensor, Plug and Play 3.5mm port	Order and Ship Separately	Field Install (Plug/Play)	-

*Any exterior lighting design with AleoBlue controls should be reviewed by Aleo's technical team to ensure proper mesh network quality, unless previously trained by Aleo. Please send designs to tech.support@aleoighting.com.



SPIR-OSDL/BT-PP1-DC-302-BLK



EFS07-AUX

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.



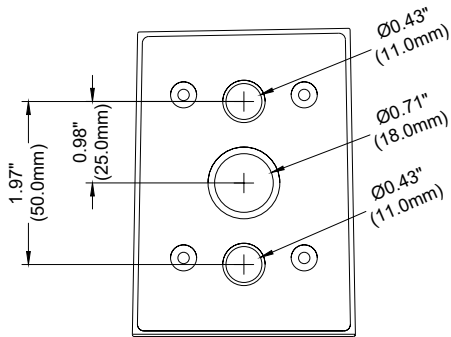
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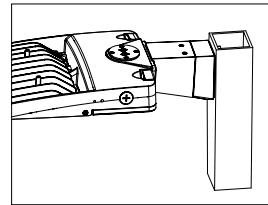
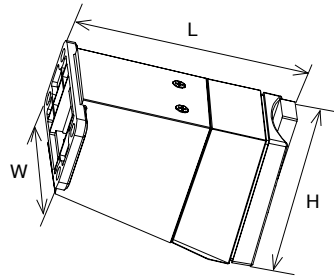
MOUNTING OPTIONS

Catalog No.	Description	L	W	H	Ordering	Shipping
ALX-ASA (TAA)	Straight Arm Mount	5.8" (147.2mm)	4.65" (118mm)	4.17" (106mm)	Order and Ship Separately	Field Install

ALX-ASA (TAA) Drill Pattern



ALX-ASA (TAA) Dims



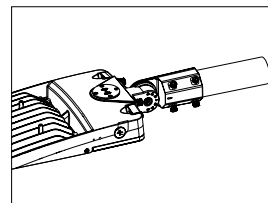
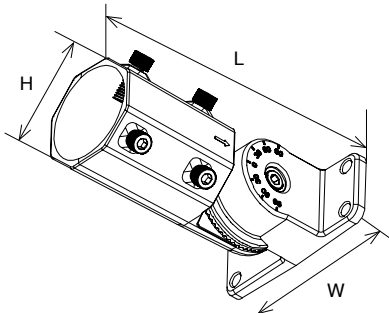
Compatible with Square Poles & Round Poles



ALX-ASA (TAA)

Catalog No.	Description	L	W	H	Ordering	Shipping
ALX-ASF (TAA)	Slip Fitter	6.85" (174mm)	4.65" (118mm)	2.76" (70mm)	Order and Ship Separately	Field Install

ALX-ASF (TAA) Dims



Compatible with Round Tenon



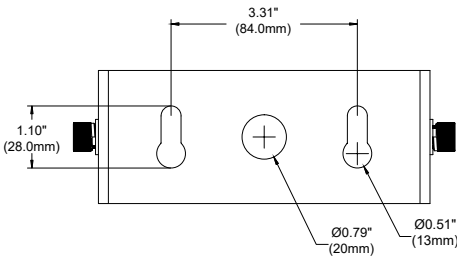
ALX-ASF (TAA)

Specifications and Dimensions subject to change without notice.

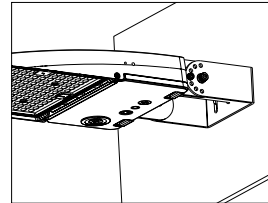
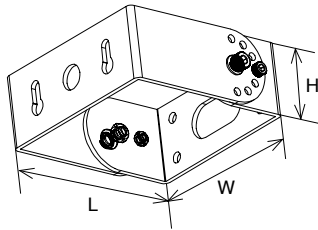


Catalog No.	Description	L	W	H	Ordering	Shipping
ALX-AUB (TAA)	U-Bracket Trunion	5.83" (148mm)	5.91" (150mm)	2.36" (60mm)	Order and Ship Separately	Field Install

ALX-AUB (TAA) Drill Pattern



ALX-AUB (TAA) Dims



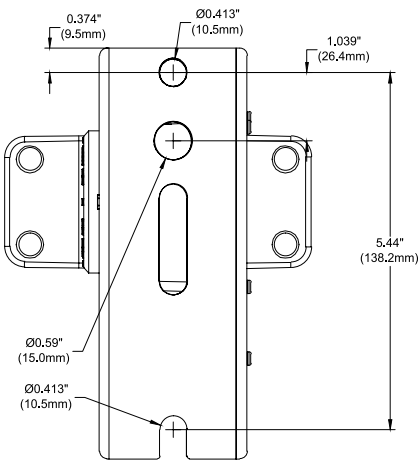
ALX-AUB (TAA)



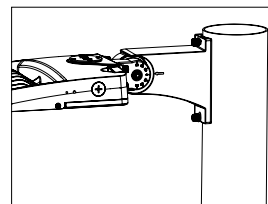
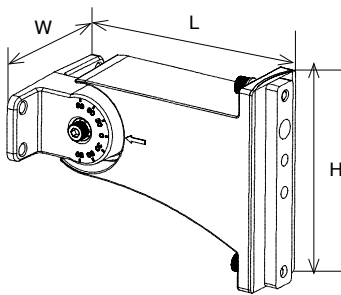
ALX-AUB (TAA)

Catalog No.	Description	L	W	H	Ordering	Shipping
ALX-ASR (TAA)	Rotatable Pole-Mount	9.34" (237.2mm)	3.62" (92.2mm)	6.38" (162mm)	Order and Ship Separately	Field Install

ALX-ASR (TAA) Drill Pattern



ALX-ASR (TAA) Dims



Compatible with Square Poles & Round Poles

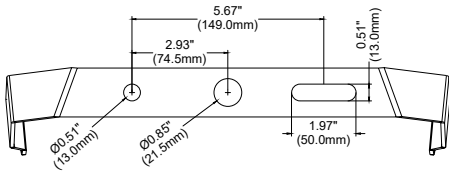
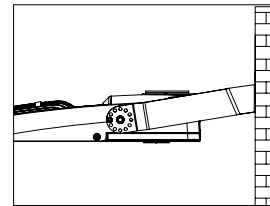
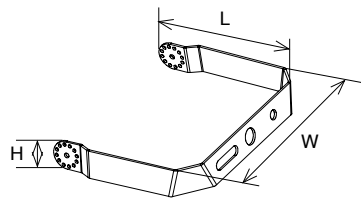


ALX-ASR (TAA)

Specifications and Dimensions subject to change without notice.



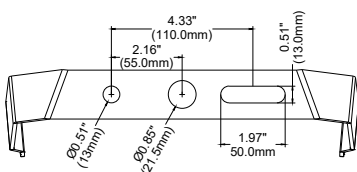
Catalog No.	Description	L	W	H	Ordering	Shipping
ALX-YOK-S (TAA)	Yoke Mount (Small)	8.19" (208mm)	10.47" (266mm)	1.5" (38mm)	Order and Ship Separately	Field Install
ALX-YOK-L (TAA)	Yoke Mount (Large)	8.78" (223mm)	13.46" (342mm)	1.5" (38mm)	Order and Ship Separately	Field Install

ALX-YOK-L (TAA) Drill Pattern

ALX-YOK-x (TAA) Dims


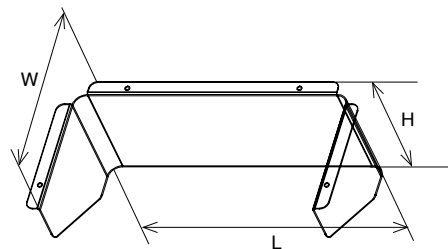
ALX-YOK-x (TAA)



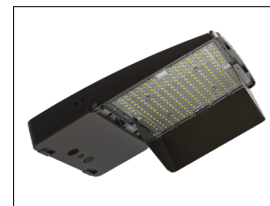
ALX-YOK-x (TAA)

ALX-YOK-S (TAA) Drill Pattern

BACKSHIELD OPTIONS

Catalog No.	Description	L	W	H	Ordering	Shipping
ALX-BKSHLD-L (TAA)	Area Light Glare Shield Accessory Kit, for ALX Series, 300W. Dark Bronze, TAA Compliant	8.44" (214.4mm)	4.61" (117.2mm)	3.35" (85mm)	Order and Ship Separately	Field Install
ALX-BKSHLD-S (TAA)	Area Light Glare Shield Accessory Kit, for ALX Series, 150W. Dark Bronze, TAA Compliant	11.06" (280.8mm)	5.92" (150.3mm)	3.35" (85mm)	Order and Ship Separately	Field Install

ALX-BKSHLD-x Dims


ALX-BKSHLD-x (TAA)

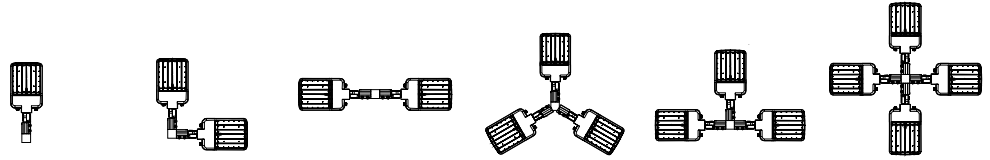


ALX-BKSHLD-x (TAA)



ALX-BKSHLD-x (TAA)

Specifications and Dimensions subject to change without notice.

EPA RATING


		1	2 @ 90°	2 @ 180°	3 @ 120°	3 @ 90°	4 @ 90°
Model No.	Model No.	EPA Rating					
ALX-ASF (TAA)	ALX-150	0.50	0.86	0.99	1.44	1.29	1.29
	ALX-300	0.60	1.06	1.19	1.79	1.58	1.58
ALX-ASR (TAA)	ALX-150	0.56	0.92	1.13	1.51	1.38	1.38
	ALX-300	0.66	1.10	1.33	1.85	1.66	1.66
ALX-ASA (TAA)	ALX-150	0.51	0.85	1.03	1.42	1.27	1.27
	ALX-300	0.61	1.04	1.22	1.75	1.53	1.53
ALX-AUB (TAA)	ALX-150	0.46	0.86	0.93	1.43	1.29	1.29
	ALX-300	0.56	1.06	1.13	1.78	1.57	1.57
ALX-YOK-S (TAA)	ALX-150	0.39	0.83	0.78	1.43	1.21	1.21
ALX-YOK-L (TAA)	ALX-300	0.49	1.05	0.97	1.80	1.52	1.52

BUG RATING

Model No.	System Watts	Dist. Type	B	U	G
ALX-150UX/CT	80W/100W/150W	III	3	0	3
ALX-300UX/CT	200W/240W/300W	III	4	0	4
ALX-150UX/CT	80W/100W/150W	V	4	0	2
ALX-300UX/CT	200W/240W/300W	V	5	0	3

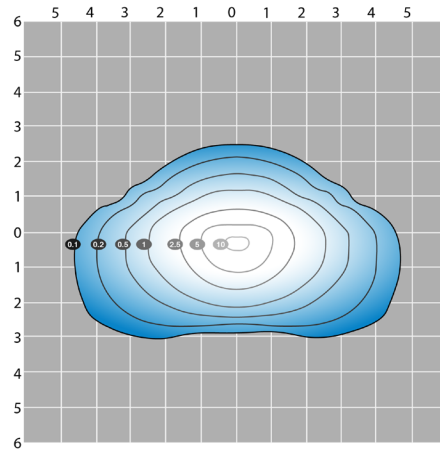
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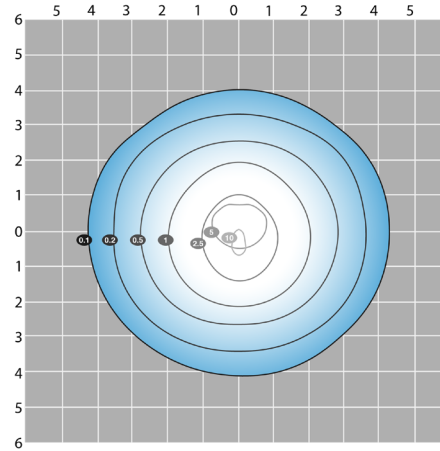
PHOTOMETRIC INFORMATION

150W

ALX-150UX/CT - T3 - 4000K

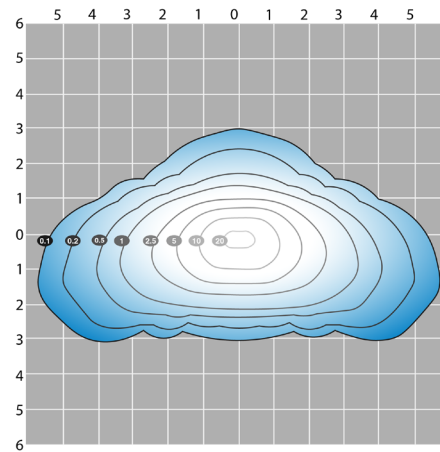


ALX-150UX/CT - T5 - 5000K

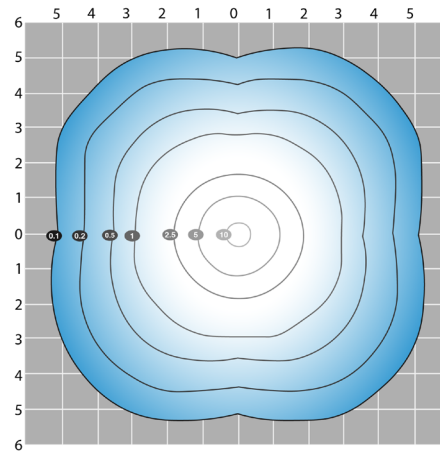


300W

ALX-300UX/CT - T3 - 4000K



ALX-300UX/CT - T5 - 4000K





ALEOBLUE WIRELESS BLUETOOTH® CONTROLS

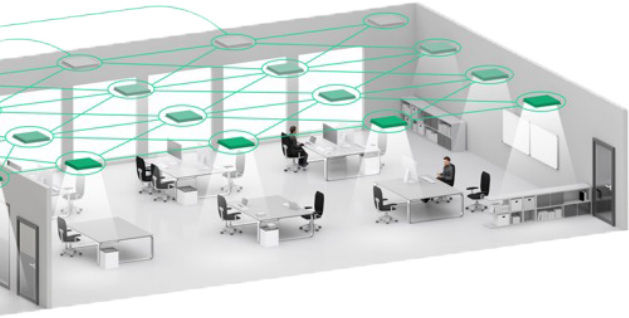


The AleoBlue is a complete solution for managing connected lighting systems using a Bluetooth® NLC lighting network. This enables seamless implementation of simple to complex lighting control scenarios without specialized training or lighting control engineering expertise.

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

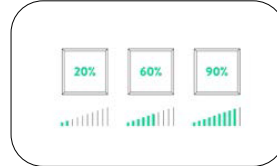


No single point of failure (no central device)

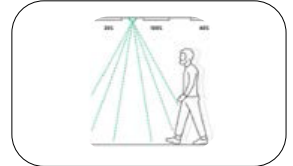


Compatibility with a widely available devices (smart phones & tablets – both with Bluetooth® 4.0 and Bluetooth® 5)

HIGH / LOW END TRIM

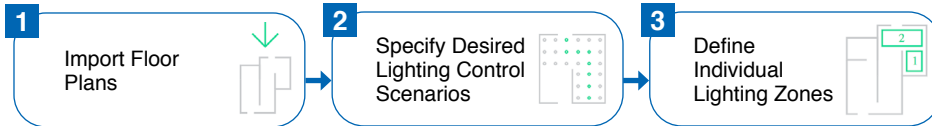


OCCUPANCY SENSING



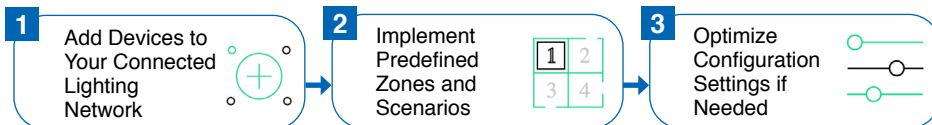
PLANNING

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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