Project	
Type	Date
Cat. No.	



ARX™ Series

ARX™ Series — Round Area / Site Light (Post Top)

DESCRIPTION

The Aleo ARX™ Series is a round post-top luminaire designed for pedestrian-scale outdoor spaces including walkways, courtyards, campuses and parking areas. Its sealed, gasketed IP65 aluminum housing provides reliable thermal management from –40°F to 113°F. Three field-selectable distributions, four wattages and three color temperatures provide flexible application coverage from a single catalog number. An integral dusk-to-dawn photocell comes standard, while the sensor-ready receptacle accepts a plug-in occupancy sensor or AleoBlue™ wireless control node for code-compliant outdoor control.

APPLICATIONS

Walkways and pedestrian paths, courtyards and plazas, campuses and schools, parks and recreation areas, municipal streetscapes, parking lots, multi-family communities, and outdoor retail centers.

ARX™ SERIES	**QUICK** SHIP
80W	ARX-80UX/CT-UDT (SR/RC)-YM
135W	ARX-135UX/CT-UDT (SR/RC)-YM

SPECIFICATION FEATURES

- **CONSTRUCTION**
  Die-cast aluminum housing with integral heat sink for thermal management and long life. Sealed, gasketed driver compartment protects electronics in outdoor environments, with a durable polycarbonate lens. IP65 rated for –40°F to 113°F (–40°C to +45°C). Dark Bronze finish standard; custom finishes available. For permanent installation in ordinary (non-hazardous) locations. Not recommended for coastal or high salt-spray environments. IP65 ingress protection.
- **OPTICAL SYSTEM**
  One integrated lens provides field-selectable distribution with no optic to specify, stock, or swap. Three distributions are available: T3 (Type III), T4 (Type IV), and T5 (Type V Square); T5 is factory default. Efficacy up to 184 lm/W at 4000K.
- **CERTIFICATION**
  UL Listed.
- **ELECTRICAL**
  Universal 120V–277V, 50/60 Hz input with power factor ≥0.90 and THD <20%. Standard 6kV surge protection for L/N and L/N-PE. High-efficacy LED packages operate at low junction temperatures for long life and sustained output.
- **INSTALLATION / MOUNTING**
  Pole-mount bracket included for slip-fit mounting over 3" O.D. tenon. Wiring routes through the bracket, and the fixture secures with a hex wrench. Pole and tenon not supplied with luminaire.
- **CONTROLS / DIMMING**
  0-10V dimming standard. Integral dusk-to-dawn photocell is field-switchable ON/OFF and ships enabled. Sensor-ready receptacle accepts a plug-in occupancy sensor (3.5mm audio jack receptacle). AleoBlue™ ready for Aleo's gateway-free, wire-free Bluetooth® networked lighting control platform; DLC NLC Qualified.
- **FIELD ADJUSTABLE CCT / WATTAGE / DISTRIBUTION**
  External switches provide field selection of four wattages, three CCTs (3000K / 4000K / 5000K), three distributions, and photocell ON/OFF. Switches are located beneath a sealed cover plug on the LED side. Factory default: maximum wattage, 5000K, photocell ON, T5. One SKU replaces up to 36 fixed configurations, reducing specification, stocking, and installation complexity.
- **WARRANTY**
  7-year Limited Warranty. See warranty documentation for more information.

ORDERING INFORMATION

EXAMPLE: ARX-135UX/CT-UDT (SR/RC)-YM

ARX	135	UX	CT	UDT	SR/RC	YM
Series	**Nominal Wattage**	**Lumen Package**	**Color Temp**	**Distribution**	**SR/RC**	**Mounting**
ARX Round Area / Site Light (Post Top)	**80** 40W / 50W / 60W / 80W **135** 60W / 80W / 100W / 135W	**UX** Field Adjustable Wattage	**CT** Adjustable CCT 3000K / 4000K / 5000K	**UDT** Field Selectable T3 / T4 / T5	**SR/RC** Sensor Ready w/ Sensor Receptacle	**YM** Pole-mount bracket, 3″ O.D. (included)

Specifications and Dimensions subject to change without notice.

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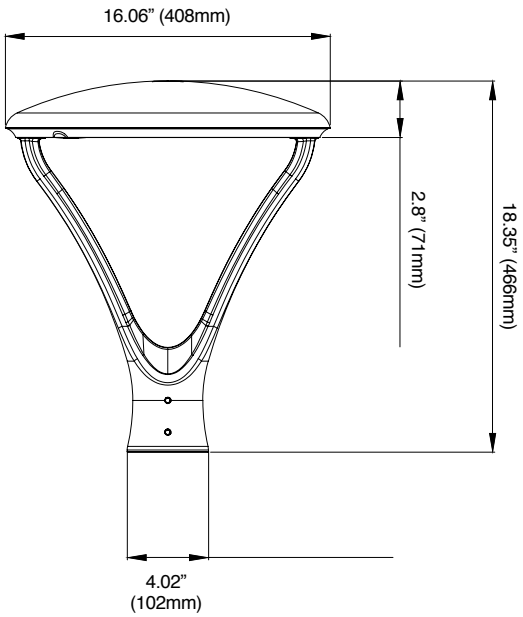




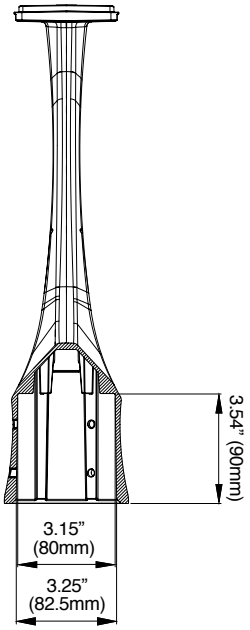
PERFORMANCE SUMMARY

Input Voltage	120V-277V	**CRI**	70+
Input Frequency	50 / 60 Hz	**Available CCT**	3000K / 4000K / 5000K
Rated Wattage	See Performance Data	**Distribution**	T3 / T4 / T5 field-selectable
Delivered Lumens	See Performance Data	**Rated Life**	50,000 hours (L70)
Efficacy	Up to 184 lm/W	**Power Factor**	≥ 0.90
Dimming	0-10V	**THD**	< 20%
Photocell	Integral, field ON/OFF	**Surge Protection**	6kV (L/N, L/N-PE)
IP Rating	IP65	**Warranty**	7 Years
Operating Temp.	–40°F to 113°F (–40°C to +45°C)		

PRODUCT DIMENSIONS



Slip Fitter Interior



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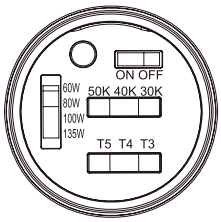
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PERFORMANCE DATA

Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
ARX-80UX/CT-UDT (SR/RC)	45	3000K	5,797	33.8	171.5
		4000K	6,139	32.6	188.3
		5000K	6,064	33.8	179.4
	50	3000K	8,507	50.1	169.8
		4000K	9,003	48.3	186.4
		5000K	8,898	50.1	177.6
	60	3000K	10,103	60.1	168.1
		4000K	10,688	57.9	184.6
		5000K	10,572	60.1	175.9
	80	3000K	13,345	80.2	166.4
		4000K	14,104	77.2	182.7
		5000K	13,945	80.1	174.1
ARX-135UX/CT-UDT (SR/RC)	60	3000K	7,612	44.7	170.3
		4000K	8,107	42.6	190.3
		5000K	7,845	44.6	175.9
	80	3000K	13,555	80.4	168.6
		4000K	14,458	76.7	188.5
		5000K	13,980	80.3	174.1
	100	3000K	16,773	100.5	166.9
		4000K	17,895	95.9	186.6
		5000K	17,309	100.4	172.4
	135	3000K	22,431	135.7	165.3
		4000K	23,900	129.4	184.7
		5000K	23,130	135.5	170.7

OPTICAL DISTRIBUTION (FIELD SELECTABLE)

Setting	IES Classification	Typical Use
T3	Type III — Very Short	Roadways, walkways and perimeter drives where the pole sits to one side of the area being lit.
T4	Type IV — Very Short	Forward-throw applications — building perimeters, parking-lot edges, and entries.
T5	Type V Square — Short / Medium	Symmetric square coverage for courtyards, plazas, open lots and pole runs down a path centerline.



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PRODUCT OPTIONS

SENSOR OPTIONS

Catalog No.	Description	Ordering	Shipping	Remote Control
AB-SPIR-FM-DVB-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

*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@aleolighting.com.



AB-SPIR-FM-DVB-BLK



EFS07-AUX

BUG RATING

Model No.	System Watts	Dist. Type	B	U	G
ARX-80UX/CT-UDT (SR/RC)-YM	40W / 50W / 60W / 80W	Type III	3	0	3
		Type IV	3	0	3
		Type V	3	0	2
ARX-135UX/CT-UDT (SR/RC)-YM	60W / 80W / 100W / 135W	Type III	4	0	4
		Type IV	4	0	4
		Type V	4	0	3

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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aleoblue™



ALEOBLUE WIRELESS BLUETOOTH® CONTROLS

DLC LISTED

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.

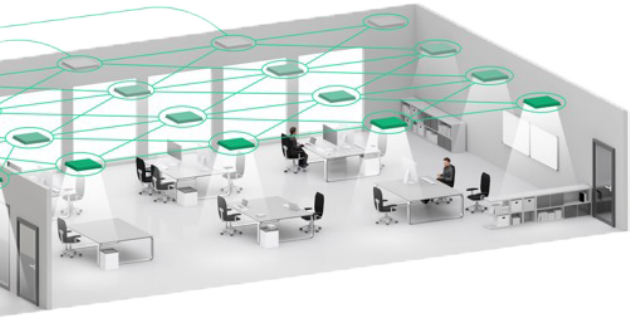
DLC NLC Qualified.

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

BLUETOOTH® NLC TECHNOLOGY ADVANTAGES

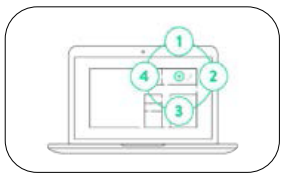
- The fastest low-power communication
- Scalability to thousands of devices
- The most advanced encryption standards as well as the cutting-edge device authentication
- No single point of failure (no central device)
- Compatibility with a widely available devices (smart phones & tablets – both with Bluetooth® 4.0 and Bluetooth® 5)



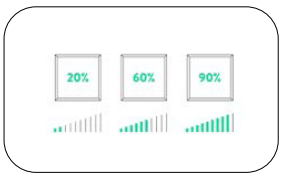
SCHEDULING



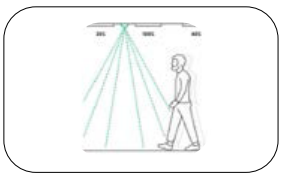
SCENES



HIGH / LOW END TRIM



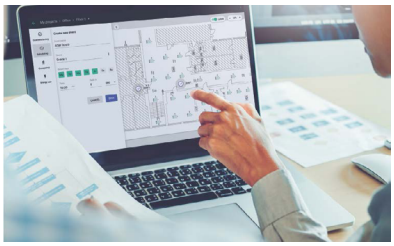
OCCUPANCY SENSING



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.

1. Import Floor Plans
2. Specify Desired Lighting Control Scenarios
3. Define Individual Lighting Zones



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.

1. Add Devices to Your Connected Lighting Network
2. Implement Predefined Zones and Scenarios
3. Optimize Configuration Settings if Needed

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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