aleo LIGHTING + CONTROLS

Project	
Type	Date
Cat. No.	



BOL™ Series

LED Bollard — Interchangeable Head System

DESCRIPTION

The Aleo BOL™ Series is a two-piece bollard platform for pedestrian-scale exterior lighting: a bollard head and a bollard pole, each ordered under its own catalog number. All four die-cast aluminum head styles mount to the same pole, so a project can change the look zone by zone while stocking a single pole. Field-adjustable switches set wattage, color temperature, and integral photocell operation from one access point — no rewiring and no separate photocell to order. Rugged ADC12 die-cast construction, an IP65 seal, and an IK08 impact rating stand up to weather, irrigation, and foot traffic in walkway and landscape settings.

APPLICATIONS

Walkways, entrances, driveways, campuses, parks, courtyards, multi-family properties, and outdoor commercial sites.

QUICK SHIP (HEADS)	**QUICK** SHIP (POLE)	**QUICK** SHIP (ACCS'Y)
BOL-FCR-24UX/CT DB	BOL-42POL	BOL-RT-PLT
BOL-RCR-24UX/CT DB		BOL-SHLD
BOL-ARC-24UX/CT DB		
BOL-SLM-24UX/CT DB		

SPECIFICATION FEATURES

- **CONSTRUCTION**
  Die-cast aluminum head deliver corrosion resistance and efficient thermal management for long component life. Polycarbonate lens. IP65 rated for wet-location exterior use and IK08 impact rated. Dark Bronze finish.
- **INTERCHANGEABLE HEAD SYSTEM**
  All four head styles mount to the same bollard pole. Cuts SKU count, carton volume, and site inventory without limiting the design. Heads and poles ship as separate catalog numbers.
- **OPTICAL SYSTEM**
  Type V symmetric distribution provides even 360° pedestrian-scale illumination. Cone reflector heads direct output downward for concentrated walkway and pathway coverage. Mushroom heads spread output wider and softer for landscape, courtyard, and gathering areas. An optional 180° spill shield redirects light away from adjacent property lines, windows, and roadways.
- **CERTIFICATION**
  cULus Listed and suitable for wet locations. IP65. IK08.
- **ELECTRICAL**
  Universal 120V-277V input. Constant-current LED driver with 0-10V dimming and dim-to-off. Power factor greater than 0.90 and THD under 20%. 4kV surge protection, line-to-neutral and line/neutral-to-ground.
- **INSTALLATION / MOUNTING**
  Anchor-bolt mounting to a concrete foundation using the three-bolt anchor plate. A retrofit plate kit adapts the bollard to an existing bolt pattern, allowing replacement of an aging bollard without new concrete work. Line wiring terminates at an accessible terminal bracket inside the base.
- **CONTROLS / DIMMING**
  0-10V dimming comes standard. An integral dusk-to-dawn photocell is built in and field switchable — no separate photocell accessory to specify, order, or install.
- **FIELD ADJUSTABLE CCT / WATTAGE / PHOTOCELL**
  A three-in-one switch bank under a coin plug sets wattage, color temperature, and photocell operation in the field. Select 14W, 19W, or 24W and 3000K, 4000K, or 5000K. Fixtures ship preset at maximum wattage, 5000K, with the photocell ON.
- **WARRANTY**
  7-year Limited Warranty. See warranty documentation for more information.

ORDERING INFORMATION

EXAMPLE: BOL-FCR-24UX/CT DB

BOL	FCR	24	UX	CT	Finish
Series	**Head Style**	**Nominal Wattage**	**Lumen Package**	**Color Temp**	**Finish Color**
BOL LED Bollard	**FCR** Flat Cone Reflector **RCR** Round Cone Reflector **ARC** Mushroom **SLM** Slim Mushroom	**24** 4W / 19W / 24W	**UX** Field Adjustable Wattage	**CT** Adjustable CCT 3000K / 4000K / 5000K	**DB** Dark Bronze RAL#8019

NOTE: Above ordering for bollard head only. Pole is ordered and shipped separately.

Specifications and Dimensions subject to change without notice.

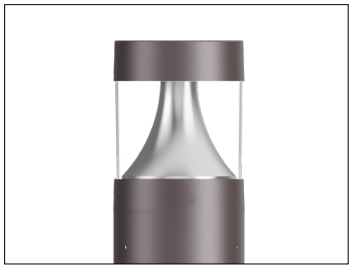
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PERFORMANCE SUMMARY

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	14W / 19W / 24W field selectable
Delivered Lumens	See Performance Data
Efficacy	Up to 153 lm/W
CRI	80+ (BOL-FCR, BOL-RCR, BOL-ARC) · 70+ (BOL-SLM)
Available CCT	3000K / 4000K / 5000K
Distribution	Type V
Rated Life	50,000 hours

Power Factor	> 0.90
THD	< 20%
Dimming	0-10V
Photocell	Integral, field switchable ON / OFF
Operating Temp.	-40°F to 122°F (-40°C to +50°C)
IP Rating	IP65
Impact Rating	IK08
Surge Protection	4kV
Warranty	7 Years



Flat Cone Reflector
BOL-FCR-24UX/CT



Round Cone Reflector
BOL-RCR-24UX/CT



Mushroom
BOL-ARC-24UX/CT



Slim Mushroom
BOL-SLM-24UX/CT

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PERFORMANCE DATA

Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
BOL-FCR-24UX/CT **BOL-RCR-24UX/CT**	14	3000K	1,922	13.5	142.4
		4000K	2,064	13.2	156.4
		5000K	2,032	13.5	150.5
	19	3000K	2,578	18.3	140.9
		4000K	2,773	17.9	154.9
		5000K	2,742	18.4	149.0
	24	3000K	3,222	23.1	139.5
		4000K	3,465	22.6	153.3
		5000K	3,422	23.2	147.5
BOL-ARC-24UX/CT	14	3000K	1,686	13.6	124.0
		4000K	1,757	13.4	131.1
		5000K	1,725	13.7	125.9
	19	3000K	2,272	18.5	122.8
		4000K	2,362	18.2	129.8
		5000K	2,319	18.6	124.7
	24	3000K	2,843	23.4	121.5
		4000K	2,956	23.0	128.5
		5000K	2,888	23.4	123.4
BOL-SLM-24UX/CT	14	3000K	1,769	13.6	130.1
		4000K	1,850	13.3	139.1
		5000K	1,779	13.5	131.8
	19	3000K	2,370	18.4	128.8
		4000K	2,479	18.0	137.7
		5000K	2,401	18.4	130.5
	24	3000K	2,971	23.3	127.5
		4000K	3,108	22.8	136.3
		5000K	2,997	23.2	129.2

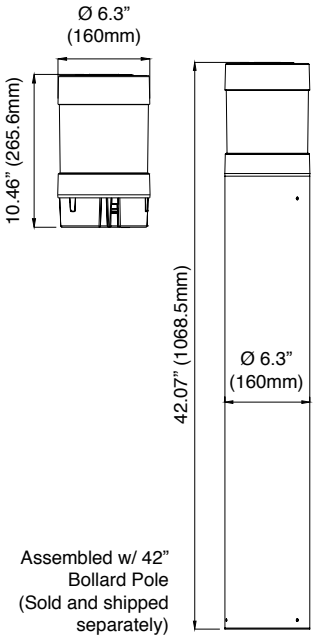
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PRODUCT DIMENSIONS

Flat Cone Reflector

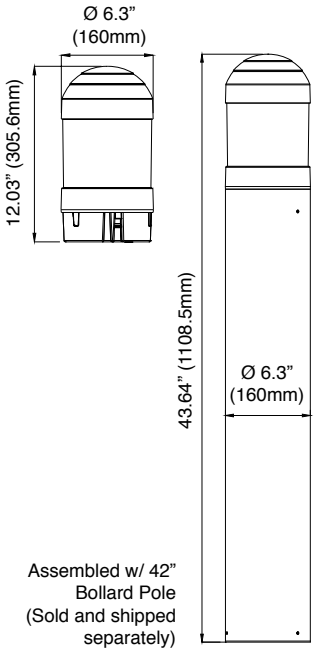
BOL-FCR-24UX/CT



Assembled w/ 42" Bollard Pole (Sold and shipped separately)

Round Cone Reflector

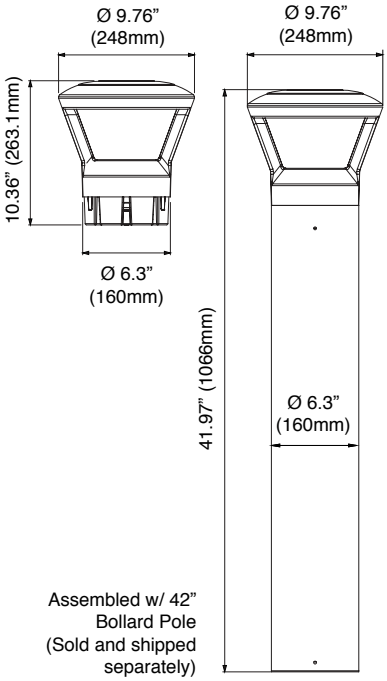
BOL-RCR-24UX/CT



Assembled w/ 42" Bollard Pole (Sold and shipped separately)

Mushroom

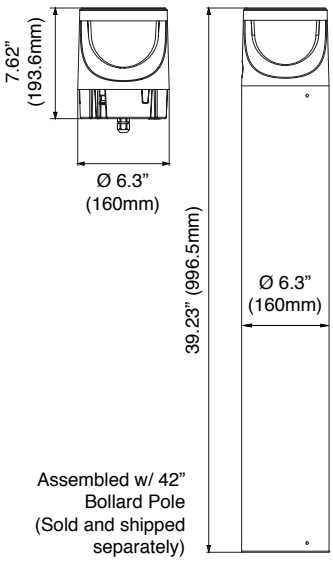
BOL-ARC-24UX/CT



Assembled w/ 42" Bollard Pole (Sold and shipped separately)

Slim Mushroom

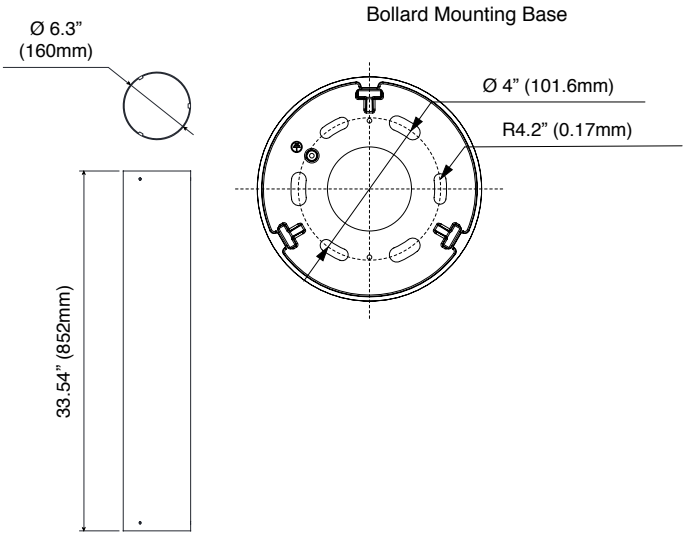
BOL-SLM-24UX/CT



Assembled w/ 42" Bollard Pole (Sold and shipped separately)

Bollard Pole

BOL-42POL



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PRODUCT OPTIONS

MOUNTING AND ACCESSORY OPTIONS

Catalog No.	Description	Ordering	Shipping
BOL-42POL	Bollard Pole, 42", Dark Bronze	Order and Ship Separately	Field Install
BOL-RT-PLT	Bollard Retrofit Plate Kit, Dark Bronze	Order and Ship Separately	Field Install
BOL-SHLD*	Bollard 180° Spill Shield, Dark Bronze	Order and Ship Separately	Field Install

NOTE: Bollard heads and bollard poles are ordered separately. A complete bollard is one head catalog number plus BOL-42POL.
* BOL-SHLD is compatible with BOL-FCR-24UX/CT and BOL-RCR-24UX/CT only.



BOL-SHLD

BUG RATING

Model No.	System Watts	Dist. Type	B	U	G
BOL-FCR-24UX/CT	14W / 19W / 24W	Type V	2	3	2
BOL-RCR-24UX/CT	14W / 19W / 24W	Type V	2	3	2
BOL-ARC-24UX/CT	14W / 19W / 24W	Type V	2	2	2
BOL-SLM-24UX/CT	14W / 19W / 24W	Type V	2	2	1

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