

TYPE

CATALOG #

PROJECT

NOTES

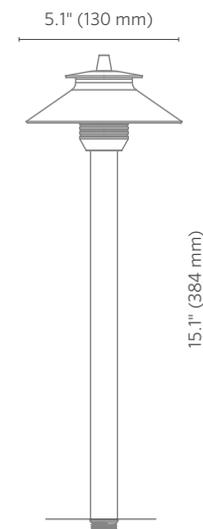
LED AREA LUMINAIRE

aEmpress-10

Elegant area luminaire available in 1 LED. Copper and brass construction.

Quick Facts

- Copper/brass construction
- Natural, powder-coat, or antiqued copper/brass
- Cree® integrated LEDs
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and Luxor dimmable
- Input voltage: 10-15 Vac/Vdc



αEmpress-10 SPECIFICATIONS

Output	1 LED
Total Lumens[†]	33
Input Voltage	10 to 15 V
Input Power	2.0 W
Power Consumption (VA)	2.4 W
Efficacy (lm/W)	17
Color Rendering Index (CRI)	80
Max Candela	12
Dimming	
Primary Dimming (Transformer)	Consult transformer specifications
Secondary Dimming (Fixture)	Phase-cut**
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life L90 B10 (Hrs)	55,000

[†] Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

** For optimal performance, use a trailing-edge (reverse phase-cut) dimmer.

Lumascap

Lumascap transforms spaces with precision-engineered lighting solutions, proven to perform. Since 1991, customers have relied on us as a leading manufacturer of high-quality, innovative luminaires that solve their toughest lighting challenges. Our global experts combine sophisticated design, advanced technologies, quality materials, and rigorous testing to manufacture a comprehensive range of lighting systems that consistently exceed performance expectations. Lumascap is a member of the Hunter Industries family of companies. Learn more at lumascap.com.

Materials

Machined C360 brass cap and reducer with stainless hardware. Spun C110 copper top/shade and extruded C110 copper riser.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 55,000 hrs. Maximum drive current: 1 A.

Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens) 4,500K, and 5,200K. Conical reflector maximizes distribution according to riser height. Color temperature lenses field serviceable.

Socket

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the luminaire.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 43" (1.1 m) length with 12" (305 mm) riser.

Power

Input 10–15 Vac/Vdc, 50/60 Hz. Remote transformer required (specify separately).

Housing

Machined brass housing with capacity for 1 LED integrated LEDs.

Riser

Features 3/4" (19 mm) copper riser with press-fit brass fittings inserted at 2,000+ lbs (907 kg) of pressure, eliminating the need for adhesives or fasteners.

Threads

Machined brass fitting with 1/2"-14 (13 mm) NPSM threads.

Hardware

Includes ratcheting ABS spike for 360° horizontal rotation in 10° increments. Tamper-resistant locking screw included.

Lens

Frosted polycarbonate lens with high tolerance for thermal expansion, stress, and abuse.

Finish

Options of natural copper/brass finish, or antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect. Antique finishes sealed with a clear TGIC powder-coat layer. Brass accent pieces (cap and reducer) remain natural (not powder-coated) for BL, SL, LT, AG, WT, DA, BT, DB, and CC finishes.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Control

ZDlink® utilizes Luxor technology to zone light fixtures in up to 250 groups and dim each group in 1% increments between 0 and 100%. Select the ZD option for zoning/dimming. Standard fixture is zoneable with ZDlink.

Weight

2.8 lbs (1.3 kg)

Installation Requirements

Designed for installation in the downward lighting direction only.

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 when used with ground mount ("GM-XX") accessory, or alternate mount greater than or equal to IP65.

Dark-Sky Compliance

Select a light source of 3,000K or lower to meet International Dark-Sky Association criteria.

Manufacturing

ISO 9001:2015 certified facility

Warranty

5-year limited warranty

Listings



aEmpress-10 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Riser	Finish
aEMP-10*	[default] Zone	1LED 33 lm	K27 2,700K	08R 8" (203 mm) Riser	CU Natural Copper  AT Antique Tumbled 
	ZD Zone/Dim			12R 12" (305 mm) Riser	AB Antique Bronze  WT White 
				18R 18" (457 mm) Riser	BL Black  DA Dark Aluminum 
				24R* 24" (610 mm) Riser	SL Anodic Silver  BT Basalt Gray 
				36R* 36" (914 mm) Riser	LT Latte  DB Dark Bronze 
					AG Anthracite Gray  CC Custom RAL 

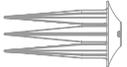
EXAMPLE LUMINAIRE CONFIGURATION: aEMP-10-ZD-1LED-K27-12R-SL[†]



* Ships with ProAim[®] ratcheting spike

[†] Hyphens are for readability purposes only.

MOUNTING OPTIONS: Specify Separately

Mounts	Code [†]	
SUPER J-BOX 2.5" (64 mm) x 12" (305 mm)	SJ-XX*	
POST MOUNT 2.5" (64 mm) x 13" (33 mm)	PM-XX*	
GROUND MOUNT 2.7" (67 mm) Diameter	 GM-XX*	
VERSABOX[®] 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX*	
PROAIM[®] RATCHETING SPIKE 4.0" (102 mm) x 4.0" (102 mm)	PARS	
3-PRONG SPIKE 5.1" (129 mm) x 9" (229 mm)	2500200- 20000	

* XX = Finish code

** YY = Riser height in inches (6" increments between 6" and 36"; 150 mm increments between 150 mm and 900 mm).

[†] Hyphens are for readability purposes only.

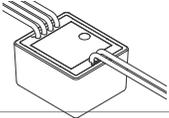
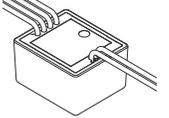
COUPLING OPTIONS: Order Individually

Couplings	Code [†]	
STRAIGHT 1.3" (32 mm) x 2.0" (51 mm)	COUP-XX*	

RISER OPTIONS: Order Individually

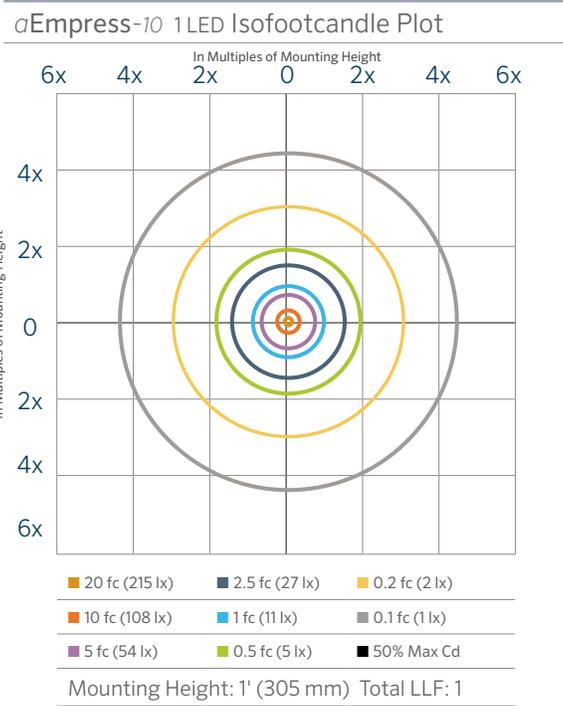
Riser	Code [†]	
ALUMINUM RISER 0.8" (21 mm) Diameter	YY**-R-XX*	

LUXOR TECHNOLOGY OPTIONS: Specify Separately

Riser	Code [†]	
LOW-VOLTAGE CUBE Supports AC dimmable LEDs and incandescent MAX LOAD: 60 W/5 A	LCM-LV	
RELAY/0-10 V CUBE Supports relay switch MAX LOAD: 250 Vac/5 A	LCM-RLY-010V	

Find more product resources at lumascape.com

aEmpress-10 PHOTOMETRICS



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