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 TYPE
 

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 CATALOG #
 

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 PROJECT
 

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 NOTES
 

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## LED AREA LUMINAIRE

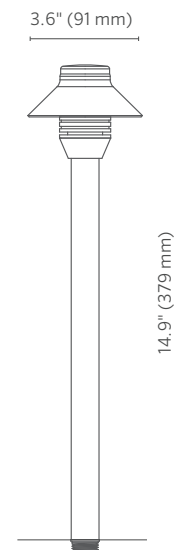
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### *aDuke-10*

Sleek area luminaire in 1 LED. Copper and brass construction.

#### Quick Facts

- Copper/brass construction
- Natural, powder coat, or antique 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



# *aDuke*-10 SPECIFICATIONS

<b>Output</b>	<b>1 LED</b>
<b>Total Lumens<sup>†</sup></b>	19
<b>Input Voltage</b>	10 to 15 V
<b>Input Power</b>	2.0 W
<b>Power Consumption (VA)</b>	2.4 W
<b>Efficacy (lm/W)</b>	10
<b>Color Rendering Index (CRI)</b>	82
<b>Max Candela</b>	9
<b>Dimming</b>	
<b>Primary Dimming (Transformer)</b>	Consult transformer specifications
<b>Secondary Dimming (Fixture)</b>	Phase-cut**
<b>RGBW Available</b>	No
<b>Luxor Compatibility</b>	
<b>Default</b>	Zoning
<b>ZD Option</b>	Zoning/Dimming
<b>Minimum Rated Life L90 B10 (Hrs)</b>	55,000

<sup>†</sup> 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](http://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 upgradable 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

8 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

¾" (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 ½"-14 (13 mm) NPSM threads.

## 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, CC finishes.

## Hardware

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

**Ambient Operating Temperature**  
0°F to 140°F (-18°C to 60°C)

## Weight

2.7 lbs (1.2 kg)

## Installation Requirements

Designed for installation in the downward lighting direction only.

## 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.

## 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



Find more product resources at [lumascap.com](http://lumascap.com)

# aDuke-10 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Riser	Finish
aDUK-10*	■ [default] Zone	■ 1LED 19 lm	■ K27 2,700K	■ 08R 8" (203 mm) Riser	■ CU Natural Copper
	■ ZD Zone/Dim			■ 12R 12" (305 mm) Riser	■ AB Antique Bronze
				■ 18R 18" (457 mm) Riser	■ BL Black
				■ 24R* 24" (610 mm) Riser	■ SL Anodic Silver
				■ 36R* 36" (914 mm) Riser	■ LT Latte
					■ AG Anthracite Gray
					■ AT Antique Tumbled
					■ WT White
					■ DA Dark Aluminum
					■ BT Basalt Gray
					■ DB Dark Bronze
					■ CC Custom RAL





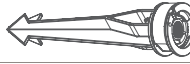

EXAMPLE LUMINAIRE CONFIGURATION: aDUK-10-ZD-1LED-K27-12R-SL†

aDUK-10 - [ ] - 1LED - K27 - [ ] - [ ]

\* 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" (330 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 

## RISER OPTIONS: Specify Separately



Riser	Code†
■ RISER 1.0" (25 mm) Diameter	YY**-R-GT-XX* 

\*XX = Finish code

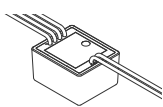
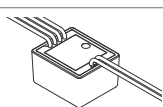
\*\*YY = Riser height in inches (6" increments between 6" and 36"; 150 mm increments between 150 mm and 900 mm).

† Hyphens are for readability purposes only.

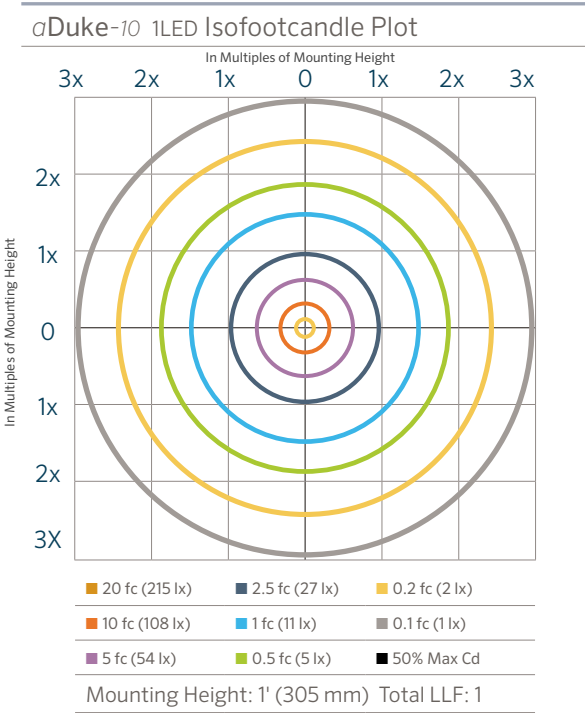
## COUPLING OPTIONS: Specify Separately

Couplings	Code†
■ STRAIGHT 1.3" (32 mm) x 2.0" (51 mm)	COUP-XX* 
■ 90° ELBOW 1.3" (32 mm) x 2.0" (51 mm)	ELBW-050-XX* 

## LUXOR TECHNOLOGY OPTIONS: Specify Separately

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

***aDuke-10*** PHOTOMETRICS



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