



 TYPE

 CATALOG #

 PROJECT

 NOTES

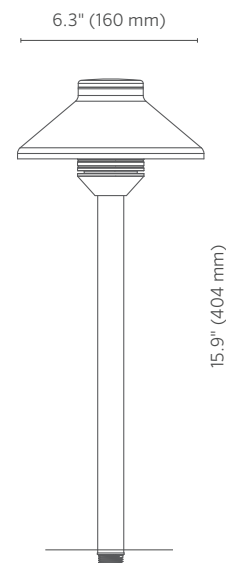
LED AREA LUMINAIRE

aDuke-18

Sleek area luminaire in 1 or 3 LED. Copper and brass construction. RGBW capable with **ZDCLink®** system

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



*α*Duke-18 SPECIFICATIONS

Output	1 LED	3 LED	3 LEDT	ZDC
Total Lumens [†]	30	90	54	66
Input Voltage	10 to 15 V	10 to 15 V	10 to 15 V	11 to 15 V
Input Power (W)	2.0 W	4.2 W	4.2 W	6.0 W
Power Consumption (VA)	2.4 W	4.5 W	4.5 W	7.2 W
Efficacy (lm/W)	16	22	16	20
Color Rendering Index (CRI)	84	84	--	85
Max Candela	18	40	26	48
Dimming				
Primary Dimming (Transformer)	Consult transformer specifications			
Secondary Dimming (Fixture)	Phase-cut**	Phase-cut**	Phase-cut**	Luxor
RGBW Available	No	No	No	Yes
Luxor Compatibility				
Default	Zoning	Zoning	--	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life L90 B10 (Hrs)	55,000	55,000	55,000	55,000

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

[†] 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).

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.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 3.6' (1.1 m) length with 12" (305 mm) riser.

Socket

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

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

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 luminaire: 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.

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.

Hardware

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

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.

Weight

4.0 lbs (1.8 kg)

Installation Requirements

Designed for installation in the downward lighting direction only.

Control

ZDCLink 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 ZDCLink.

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") or alternate mount greater than or equal to IP65.

Wildlife-Friendly Lighting

When used with the 3 LEDT output option, this luminaire is Wildlife Lighting Certified by the Florida Fish and Wildlife Conservation Commission.

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

aDuke-18 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Riser	Finish			
aDUK-18*	■ [default] Zone	■ 1LED 30 lm	■ K27 2,700K	■ 08R 8" (203 mm) Riser	■ BL Black		■ DA Dark Aluminum	
	■ ZD Zone/Dim	■ 3LED 90 lm		■ 12R 12" (305 mm) Riser	■ SL Anodic Silver		■ BT Basalt Gray	
		■ 3LEDT** Wildlife- Friendly Amber (585-595 nm)		■ 18R 18" (457 mm) Riser	■ LT Latte		■ DB Dark Bronze	
	■ ZDC Zone/Dim/ Color	■ [default] 66 lm		■ 24R 24" (610 mm) Riser	■ AG Anthracite Gray		■ CC Custom RAL	
				■ 36R 36" (914 mm) Riser	■ WT White			

EXAMPLE LUMINAIRE CONFIGURATION: aDUK-18-ZD-3LED-K27-24R-SL†

aDUK-18

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K27




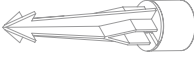



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* Ships with ProAim® ratcheting spike


** Available with ZD Luxor option and CU, AB, or AT finishes only.

† Hyphens are for readability purposes only.

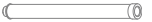
MOUNTING OPTIONS: Specify Separately

Mounts	Code†	
■ 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*	
■ SUPER J-BOX 2.5" (64 mm) x 12" (305 mm)	SJ-XX*	
■ SUPER SLOT SPIKE 2.5" (63 mm) x 10" (254 mm)	753900	
■ PARS 2.5" (64 mm) x 9.9" (251 mm)	PARS	
■ PROAIM RATCHETING SPIKE 4.0" (102 mm) x 4.0" (102 mm)	PARS	

COUPLING OPTIONS: Specify Separately

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

RISER OPTIONS: Specify Separately

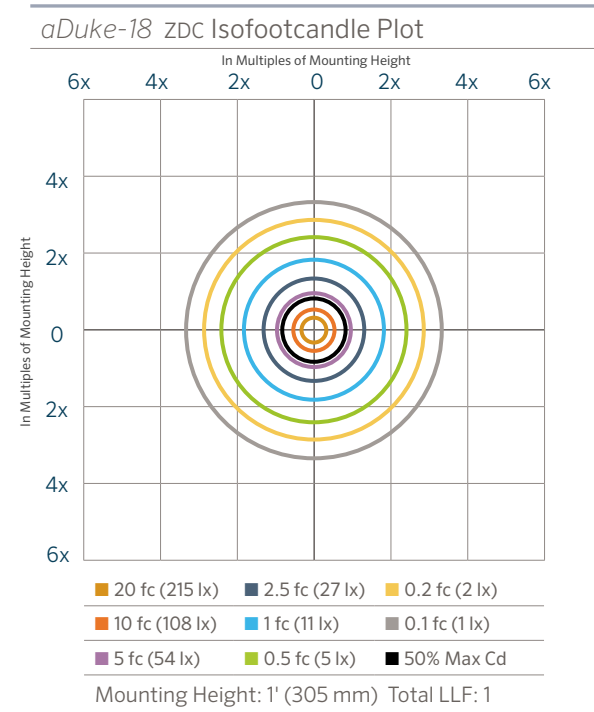
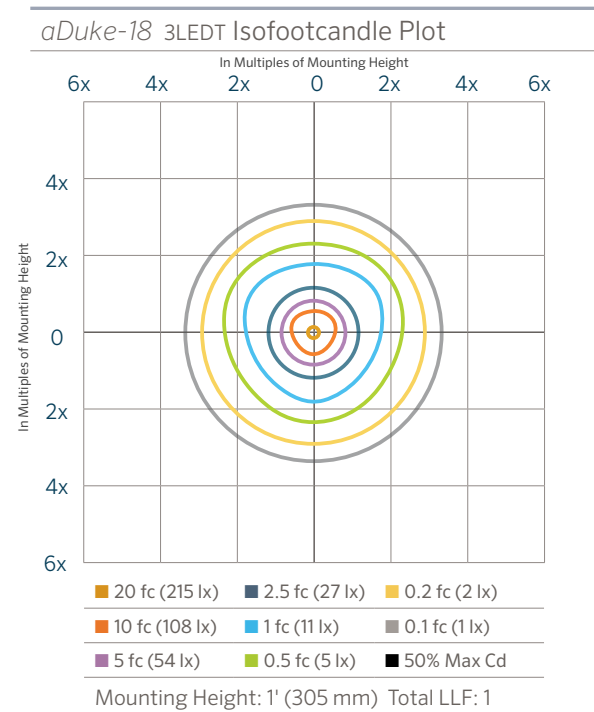
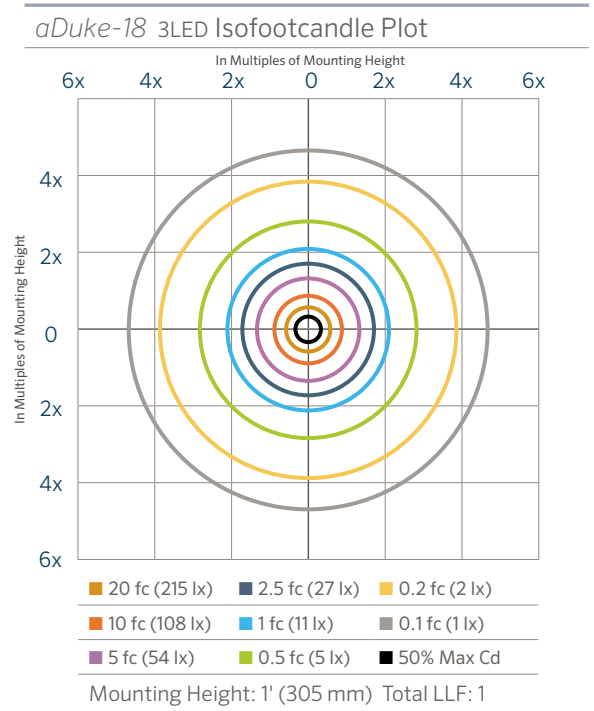
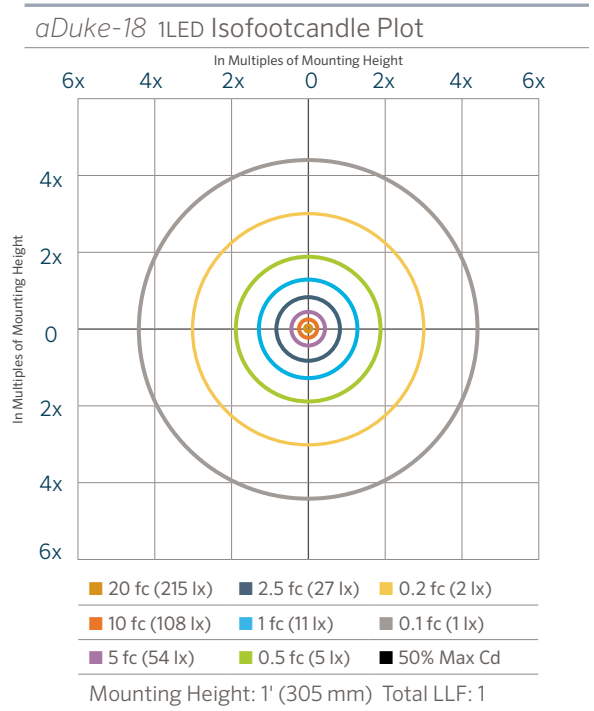
Riser	Code†	
■ RISER 1.0" (25 mm) Diameter	YY**-R-GT-XX*	

*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.

aDuke-18 PHOTOMETRICS



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