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## LED DIRECTIONAL LUMINAIRE

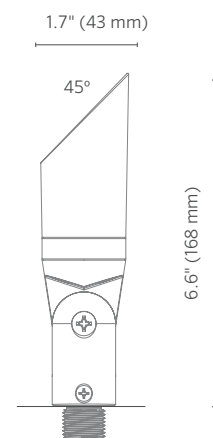
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### *d*Axis-4

Expertly engineered directional luminaire to illuminate a variety of spaces in 1 LED. A zoning/dimming version is also available for use with **ZDCLink**<sup>®</sup> systems using Luxor<sup>®</sup> technology.

#### Quick Facts

- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Cree<sup>®</sup> integrated LEDs
- ProAim<sup>®</sup> adjustability
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor technology
- Phase or Luxor Dimmable
- Input voltage: 10-15 Vac/Vdc



# dAxis-4 SPECIFICATIONS

<b>Output</b>	<b>1 LED</b>
<b>Total Lumens†</b>	62
<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>	35
<b>Color Rendering Index (CRI)</b>	80+
<b>Center Beam Candlepower*</b>	
<b>Spot (20°)</b>	310
<b>Dimming</b>	
<b>Primary Dimming (Transformer)</b>	Consult transformer specifications
<b>Secondary Dimming (Fixture)</b>	Phase-cut**, Luxor
<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

† 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).

\* Information not available for Flood or Wide Flood.

\*\* 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

Die-cast aluminum A380 housing and shroud with stainless steel hardware. Die-cast zinc/aluminum alloy knuckle.

## Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 5' (1.5 m) length.

## Power

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

## Housing

Die-cast aluminum housing with capacity for 1 LED integrated LEDs.

## 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 filters included with fixture: 2,700K (preinstalled), 3,900K (no filters), 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 35°, or 60° distributions ordered preassembled to fixture (field serviceable). Beam angle is calculated using the LM-79 method for SSL luminaires.

## Socket

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

## Shroud

Die-cast aluminum shroud with 45° cutoff.

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Knuckle

Die-cast zinc/aluminum alloy knuckle with ½"-14 NPSM threads. Compress and lock features prevent slip after installation. Offers 9° increments of adjustability over 220° of vertical alignment.

## Lens

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

## Finish

Two-layer protection of marine-grade sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

## Hardware

¼"-20 x ¾" stainless steel angle lock screw. Includes ProAim ratcheting ABS spike for 360° horizontal rotation in 10° increments. Tamper-resistant locking screw included.

## Weight

1.2 lbs (0.5 kg)

## Installation Requirements

Designed for installation in the upward 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.

## Warranty

5-year limited warranty

## Listings



# dAxis-4 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Optics	Finish	
dAXS-4*	[default] Zone	1LED 62 lm	K27 2,700K	SP 20°	BL Black	DA Dark Aluminum
	ZD Zone/Dim			FL 35°	SL Anodic Silver	BT Basalt Gray
				WF 60°	LT Latte	DB Dark Bronze
					AG Anthracite Gray	CC Custom RAL
					WT White	

EXAMPLE LUMINAIRE CONFIGURATION: dAXS-4-ZD-1LED-K27-FL-SL†



\* Ships with ProAim ratcheting spike

† Hyphens are for readability purposes only

## MOUNTING OPTIONS: Specify Separately

Mounts	Code†	
<b>SUPER J-BOX</b> 2.5" (64 mm) x 12" (305 mm)	SJ-XX*	
<b>POST MOUNT</b> 2.5" (64 mm) x 13" (330 mm)	PM-XX*	
<b>GROUND MOUNT</b> 2.7" (67 mm) Diameter	GM-XX*	
<b>VERSABOX®</b> 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX*	
<b>MINI J-BOX</b> 3.5" (89 mm) x 1.3" (34 mm)	MJ-050-XX*	
<b>TREEBOX®</b> 5.4" (138 mm) x 1.9" (49 mm)	TB-XX*	
<b>GUTTER MOUNT</b> 4.0" (102 mm) x 4.0" (102 mm)	GM-SS	
<b>WALL PLATE: Single-Gang</b> 3.4" (85 mm) x 5.1" (129 mm)	WP-1G-050-XX*	
<b>WALL PLATE: Round</b> 5.0" (127 mm) Diameter	WP-RD-050-XX*	

## COUPLING OPTIONS: Specify Separately

Couplings	Code†	
<b>STRAIGHT</b> 1.3" (32 mm) x 2.0" (51 mm)	COUP-XX*	
<b>90° ELBOW</b> 1.3" (32 mm) x 2.0" (51 mm)	ELBW-050-XX*	
<b>T-MOUNT</b> 3.0" (76 mm) x 2.2" (57 mm)	TMNT-050-XX*	

## RISER OPTIONS: Specify Separately

Riser	Code†	
<b>RISER</b> 0.8" (21 mm) Diameter	YY**-R-XX*	
<b>SIGN LIGHT RISER</b> 0.8" (21 mm) Diameter with 45° Inward Curve	YY**-R-SL-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.

# dAxis-4 PHOTOMETRICS

## dAxis-4 1 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 19.4°	Horizontal 19.6°
2' (0.6 m)	77.4 fc (833 lx)	0.7' (0.2 m)	0.7' (0.2 m)
4' (1.2 m)	19.4 fc (209 lx)	1.4' (0.4 m)	1.4' (0.4 m)
6' (1.8 m)	8.6 fc (93 lx)	2.0' (0.6 m)	2.1' (0.6 m)
8' (2.4 m)	4.8 fc (52 lx)	2.7' (0.8 m)	2.8' (0.9 m)
10' (3.1 m)	3.1 fc (33 lx)	3.4' (1.0 m)	3.5' (1.1 m)

Note: Photometric data displayed using a 3,900K filter with a 20° spot lens. ZDC option defaults to a wide flood.

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