



 TYPE

 CATALOG #

 PROJECT

 NOTES

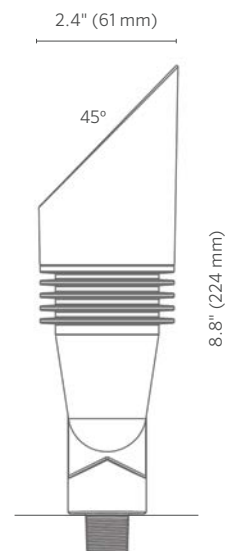
LED DIRECTIONAL LUMINAIRE

*d*Axis-5

Expertly engineered directional luminaire with a 45° shroud to illuminate a variety of spaces in 1 or 3 LED. An RGBW version is also available for use with ZDCLink® systems.

Quick Facts

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



dAxis-5 SPECIFICATIONS

Output	1 LED	3 LED	ZDC
Total Lumens*	60	165	90
Input Voltage	10 to 15 V	10 to 15 V	11 to 15 V
Input Power	2.0 W	4.2 W	6.0 W
Power Consumption (VA)	2.4 W	4.5 W	7.2 W
Efficacy (lm/W)	30	40	28
Color Rendering Index (CRI)	79	79	81
Center Beam Candlepower*			
Spot (20°)	309	1,107	120
Dimming			
Primary Dimming (Transformer level)	Consult transformer specifications		
Secondary Dimming (Fixture level)	Phase-cut**, Luxor	Phase-cut**, Luxor	Luxor
RGBW Available	No	No	Yes
Luxor Compatibility			
Default	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life - L90 B10 (hrs)	55,000	55,000	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

Materials

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

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. Interchangeable optics for 10°, 20°, 35°, or 60° distributions ordered pre-assembled to fixture. For additional color filters, spread lenses, hex baffles, and so on, use MR-16 sized accessories (MR-16: 1.95"/49.5 mm dia. x 1.1 mm thickness). 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.

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, 3 LED, or ZDC integrated LEDs.

Weight

1.92 lbs (0.9 kg)

Shroud

Die-cast aluminum shroud with 45° cutoff shroud.

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 adjustment.

Lens

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

Finish

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

Hardware

Uses 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.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Installation Requirements

Designed for installation in the upward 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") or alternate mount greater than or equal to IP65, or by selecting the "e" version.










Warranty

5-year limited warranty

Listings



dAxis-5 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Compliance	Optics	Finish	
dAXS-5*	■ [default] Zone	■ 1LED 60 lm	■ K27 2,700K	■ [default] ½" (13 mm) NPSM thread, UL Listed	■ SP 20°	■ BL Black	
	■ ZD Zone/Dim	■ 3LED 165 lm		■ e Bracket Mount CE Approved	■ FL 35°	■ SL Anodic Silver	
					■ WF 60°	■ LT Latte	
	■ ZDC Zone/Dim/ Color	■ [default] 90 lm			■ [default] 45°	■ AG Anthracite Gray	
						■ WT White	
						■ DA Dark Aluminum	
						■ BT Basalt Gray	
					■ DB Dark Bronze		
					■ CC Custom RAL		

EXAMPLE LUMINAIRE CONFIGURATION: dAXS-5-ZDC-K27-SL†













* Ships with ProAim ratcheting spike



† Hyphens are for readability purposes only

dAxis-5 ORDERING INFORMATION

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*	
■ MINI J-BOX 3.5" (89 mm) x 1.3" (34 mm)	MJ-050-XX*	
■ TREEBOX® 5.4" (138 mm) x 1.9" (49 mm)	TB-XX*	
■ GUTTER MOUNT 4.0" (102 mm) x 4.0" (102 mm)	GM-SS	
■ WALL PLATES 3.4" (85 mm) x 5.1" (129 mm)	WP-1G-050-XX*	
■ WALL PLATES 5.0" (127 mm) Diameter	WP-RD-050-XX*	

RISER OPTIONS: Specify Separately




Riser	Code [†]	
■ RISER 0.8" (21 mm) Diameter	YY**-R-XX*	
■ SIGN LIGHT RISER 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.

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*	
■ T-MOUNT 3.0" (76 mm) x 2.2" (57 mm)	TMNT-050-XX*	

LENS ACCESSORIES: Specify Separately

Item	Code [†]	
■ HEX BAFFLE MR-16 Size	250015260000	
■ LINEAR SPREAD LENS MR-16 Size	250013550000	
■ SOLITE SPREAD LENS MR-16 Size	250015240000	

dAxis-5 PHOTOMETRICS

dAxis-5 1 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 19.3°	Horizontal 19.9°
4' (1.2 m)	19.3 fc (208 lx)	1.4' (0.4 m)	1.4' (0.4 m)
8' (2.4 m)	4.8 fc (52 lx)	2.7' (0.8 m)	2.8' (0.9 m)
12' (3.7 m)	2.1 fc (23 lx)	4.1' (1.3 m)	4.2' (1.3 m)
16' (4.9 m)	1.2 fc (13 lx)	5.4' (1.7 m)	5.6' (1.7 m)
20' (6.1 m)	0.8 fc (9 lx)	6.8' (2.1 m)	7.0' (2.1 m)
24' (7.3 m)	0.5 fc (5 lx)	8.1' (2.5 m)	8.4' (2.6 m)

dAxis-5 3 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 17.3°	Horizontal 17.2°
4' (1.2 m)	69.2 fc (745 lx)	1.2' (0.4 m)	1.2' (0.4 m)
8' (2.4 m)	17.3 fc (186 lx)	2.4' (0.7 m)	2.4' (0.7 m)
12' (3.7 m)	7.7 fc (83 lx)	3.6' (1.1 m)	3.6' (1.1 m)
16' (4.9 m)	4.3 fc (46 lx)	4.9' (1.5 m)	4.9' (1.5 m)
20' (6.1 m)	2.8 fc (30 lx)	6.1' (1.9 m)	6.1' (1.9 m)
24' (7.3 m)	1.9 fc (21 lx)	7.3' (2.2 m)	7.3' (2.2 m)

dAxis-5 ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 48.1°	Horizontal 49.5°
4' (1.2 m)	7.5 fc (81 lx)	3.6' (1.1 m)	3.7' (1.1 m)
8' (2.4 m)	1.9 fc (21 lx)	7.1' (2.2 m)	7.4' (2.3 m)
12' (3.7 m)	0.8 fc (9 lx)	10.7' (3.3 m)	11.1' (3.4 m)
16' (4.9 m)	0.5 fc (5 lx)	14.3' (4.4 m)	14.8' (4.5 m)
20' (6.1 m)	0.3 fc (3 lx)	17.8' (5.4 m)	18.4' (5.6 m)
24' (7.3 m)	0.2 fc (2 lx)	21.4' (6.5 m)	22.1' (6.7 m)

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

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