








Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The dAxis-5 is an expertly engineered directional luminaire with a 45° shield to illuminate a variety of spaces in 1 or 3 LED. A zoning/dimming version is also available for use with ZDCLink® Controllers.

Features

Total Lumens	289 lm
Power Consumption	2.2 W 4.4 W
Input Voltage	10-15 Vac/dc, 50/60 Hz
Installation Requirements	Upward direction only
Typical Lifetime	>72,000 hours (L70, B10, TM21 Reported)
Weight	1.9 lb (0.9 kg)
Compliance	    RoHS COMPLIANT
Color Options	

Technology







Technical Information

	1LED	3LED	ZD
Performance*			
Lumen Output (lm)	111	289	289
Power Consumption (VA)	2.2 W	4.4 W	4.4 W
Efficacy (lm/W)	30	40	40
Color Rendering Index (CRI)	80+	80+	80+
Peak Intensity (cd)	309	1107	1107
Control			
Luxor® Compatibility			
Powerline Zoning	Yes	Yes	Yes
Dimming	-	-	Yes
RGBW	-	-	-

*Measured using the 2,700K CCT option with a Flood (35°) beam angle. See .ies files for additional photometry data.

Written Specifications

Electrical

Power Consumption	Specified power consumption indicates the full apparent power.
Input Voltage	10-15 Vac/dc, 50/60 Hz, remote transformer required (specify separately)
Configuration	Integral driver.
LED	Lumileds®
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	> 72,000 hours (B10, L70, TM21 Reported)
Dimming	Luxor® control or a trailing-edge (reverse phase-cut) dimmer.

Control

Luxor® Control	The ZDClick Controller utilizes Luxor Technology™ to zone luminaires in up to 250 groups, dim each group in 1% increments between 0% and 100%, or change to one of 30,000+ colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard luminaire is zoneable with ZDClick.
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Physical

Beam Angles	Specify Spot (20°), Flood (35°), or Wide Flood (60°). For Narrow Spot (10°), specify any beam angle and remove beam angle lens on site. Beam angle is field serviceable.
Construction	Die-cast A380 aluminum housing and shield shroud with stainless steel hardware. Die-cast zinc/aluminum alloy knuckle.
Finish	Two-layer protection of marine-grade anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.
Installation	Designed for installation in the upward lighting direction only.
Installation Accessories (Included)	Item ships with the ProAim™ Adjustable Ratcheting Stake (PARS). Stake is 10" long, includes tamper resistant features, and is made from ABS
Adjustability	Compress-and-lock features prevent slip after installation. Offers 9° increments of adjustability over 220° of vertical alignment.
Wiring	18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length, measured from the light aperture. International ("e") length is shorter.
Socket	MicroAntileach™ Technology to prevent moisture from wicking up into sealed areas of the luminaire.
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C).
Lens	OptiClear™ tempered glass for exceptional optical purity and load strength.
Lens Transparency	Clear
Glare Control	45° angled shield.
Hardware	Stainless steel hardware.
Threads	1/2"-14 NPSM
Housing Capacity	Round 1LED, 3LED, or ZDC-M
Weight	1.9 lb (0.9 kg)

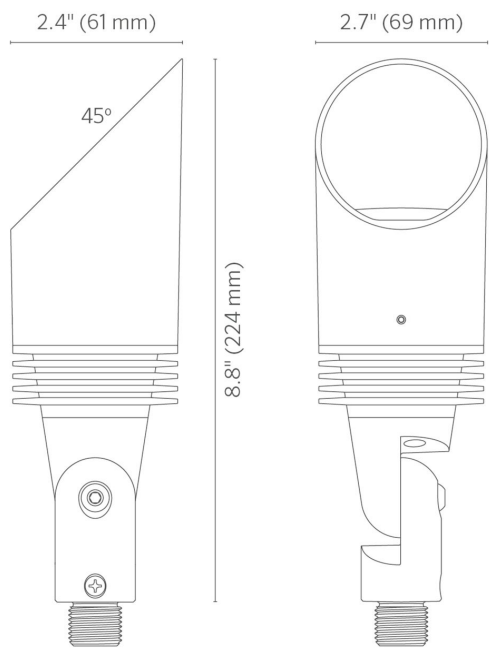
Compliance

IP Rating	IP65
Environment	Dry, Damp, Wet locations
Certifications	UL 1838, CSA C22.2 No. 250.7, IEC 60598-1, IEC 605598-2-4, FCC Part 15, Subpart B, ISED Canada ICES-005, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3.
	Default configuration UL Listed. CE certification is met when the “e” option is selected.

Overview

About Us	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 .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

Specifications



dAxis-5 1 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical 19.3°	Horizontal 19.9°
20.0' (6.1 m)	19.3 fc (208 lx)	1.4' (0.4 m)	1.4' (0.4 m)
4.0' (1.2 m)	4.8 fc (52 lx)	2.7' (0.9 m)	2.8' (0.9 m)
8.0' (2.4 m)	2.1 fc (23 lx)	4.1' (1.3 m)	4.2' (1.3 m)
12.0' (3.7 m)	1.2 fc (13 lx)	5.4' (1.7 m)	5.6' (1.7 m)
16.0' (4.9 m)	0.8 fc (9 lx)	6.8' (2.1 m)	7.0' (2.1 m)
24.0' (7.3 m)	0.5 fc (5 lx)	8.1' (2.6 m)	8.4' (2.6 m)

dAxis-5 3 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical 17.3°	Horizontal 17.2°
20.0' (6.1 m)	69.2 fc (745 lx)	1.2' (0.4 m)	1.2' (0.4 m)
4.0' (1.2 m)	17.3 fc (186 lx)	2.4' (0.7 m)	2.4' (0.7 m)
8.0' (2.4 m)	7.7 fc (83 lx)	3.6' (1.1 m)	3.6' (1.1 m)
12.0' (3.7 m)	4.3 fc (46 lx)	4.9' (1.5 m)	4.9' (1.5 m)
16.0' (4.9 m)	2.8 fc (30 lx)	6.1' (1.9 m)	6.1' (1.9 m)
24.0' (7.3 m)	1.9 fc (21 lx)	7.3' (2.2 m)	7.3' (2.2 m)

Configuration

For complete and up-to-date product options, configure the dAXS5 using our online [product configurator](#).

dAXS5							
Code	Control	Output	Light Source	Beam Angles	Compliance	Finish	Mounting & Installation

Control

- ☐ **Standard (-)**
1) On/Off, 2) Phase-cut Dimming, or 3) Zone with Luxor® Technology using the ZDClick Lighting Controller.
- ☐ **Zone/Dim (ZD)**
Zone/Dim with Luxor® Technology using the ZDClick Lighting Controller.

Output

- ☐ **2.2 W (1LED)**
111 lm
- ☐ **4.4 W (3LED)**
289 lm
- ☐ **4.4 W**
289 lm, for ZD control

Light Source

- ☐ **Static White (K27)**
2,700 K (80+ CRI)



Beam Angles











Published angles may vary slightly to photometric data. Please refer to IES files where relevant.

- ☐ **Spot (SP)**
20° beam angle
- ☐ **Flood (FL)**
35° beam angle
- ☐ **Wide Flood (WF)**
60° beam angle

Compliance


- ☐ **North America**
UL listed
-
- ☐ **International (E)**
Bracket mount, UL listed and CE approved. Required for shipment outside of North America
-

Finish

- ☐ **Black (BL)**
RAL9004 from RAL
Classic collection
- 
- ☐ **Anthracite Gray (AG)**
RAL7016 from RAL
Classic collection
- 
- ☐ **Basalt Gray (BT)**
RAL7012 from RAL
Classic collection
- 
- ☐ **Graphite Gray (GH)**
Graphite Gray powder-coat finish
- 
- ☐ **Anodic Silver (SL)**
RAL9006 from RAL
Classic collection
- 
- ☐ **White (WT)**
RAL9016 from RAL
Classic collection
- 
- ☐ **Dark Bronze (DB)**
RAL8019 from RAL
Classic collection
- 
- ☐ **Latte (LT)**
RAL7006 from RAL
Classic collection
- 
- ☐ **Dark Aluminium (DA)**
RAL9007 from RAL
Classic collection
- 
- ☐ **Custom RAL (CC)**
A one-off custom color setup fee applies. Click on 'More Info' button to add to your enquiry. Contact Lumascape for volume discount on set-up fee.
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Mounting & Installation

Included with product.

- ☐ **ProAim™ Ratcheting Stake**
10" (250 mm) adjustable stake for ½"-14 NPSM threads
- 

Accessories

Mounting & Installation

Specify Separately

☐ **Ground Stake (LS6054)**
19" long 2-1/2" schedule 40 PVC post with die-cast aluminum cap. 1/2"-14 thread with stabilizer kit.



☐ **Non-Penetrating Tree Ring (TR)**
Adjustable, drill-free, non-penetrating tree ring, accommodates up to six luminaires.



☐ **Super J-Box Stake (SJ)**
2.0" (51 mm) metal cap with 1/2"-14 NPSM threads over an 11" (279 mm) ground stake.



☐ **Post Mount (PM)**
Suitable for use on 1/2" NPSM ground-mount luminaires and is specified separately.



☐ **Ground Mount (GM)**
The Ground Mount is a 4.4" (112 mm) aluminum cap with 1/2"-14 NPSM threads and wire compartment; 2.0" schedule 40 conduit.



☐ **Versabox® (VB-050)**
A 1.5" (38 mm) brass cap with 1/2"-14 NPSM threads.



☐ **Mini J-Box (MJ-050)**
A 1.5" (38 mm) aluminum wall mount with 1/2"-14 NPSM threads and wire compartment.



☐ **Treebox® (TB)**
A dual 1/2"-14 NPSM threads with wire compartment.



☐ **Gutter Mount (GM-SS)**
A 4.4" (112 mm) aluminum cap with 1/2"-14 NPSM threads and wire compartment; 2.0" schedule 40 conduit.



☐ **Wall Plate 1-Gang (WP-1G-050)**
1-gang wall plate with 1/2"-14 NPSM threads.



☐ **Wall Plate, Round (WP-RD-050)**
5" (127 mm) round wall plate with 1/2"-14 NPSM threads.



☐ **Mini Mount (MM-050)**



☐ **Line Mount (LNM)**
In-ground mounting accessory with cavity for mini transformers.



Risers & Couplings

Specify Separately. Configure product in the enquiry.

- ☐ **Straight Riser (—)**
An aluminum straight riser with 0.8" (12 mm) OD and 1/2"-14 Male NPSM x2 threads.



- ☐ **Angled Sign-Light Riser (—)**
An aluminum angled sign-light riser with 0.8" (12 mm) OD, 45° bend, and 1/2"-14 NPSM x2 threads.



- ☐ **Straight Coupling (COUP)**
An aluminum straight coupling 1.3" (32 mm) x 2.0" (51 mm).



- ☐ **Coupling, 90-deg, 1/2" NPSM (ELBW-050)**
An aluminum 90° coupling 1.3" (32 mm) x 2.0" (51 mm).



- ☐ **Coupling, T, 1/2" NPSM (TMNT-050)**
An aluminum T Coupling, 1/2" NPSM Thread.



Lens Accessories

Specify Separately

- ☐ **Hex Baffle (250015260000)**
2" (50 mm) diameter (MR-16)



- ☐ **Linear Spread Lens (250013550000)**
2" (50 mm) diameter (MR-16)



- ☐ **Solite Spread Lens (250015240000)**
2" (50 mm) diameter (MR-16)



Power Supplies

Specify Separately

- ☐ **Multi-Tap Transformer (PROLINK)**
The industry's most reliable multi-tap transformer.



- ☐ **ZDCLink® Lighting Controller (ZDCLink)**
A combined lighting controller and transformer (120 Vac to 14 Vac) that offers powerline zoning, dimming, RGBW color changing, and optional Wi-Fi control via Luxor Technology™



- ☐ **Dimmable Mini Transformer (ST-120-DIM)**
60 W, 120 V to 12 Vac step-down transformer.



- ☐ **Non-Dimmable Mini Transformer (ST-UV)**
30 W universal voltage step-down transformer.



- ☐ **6 W Plug-in Transformer (MT-6W)**
Standard North American Type A, Class 2 transformer with 6 W capacity and 1' (300 mm) flying leads.

- ☐ **30 W Plug-in Transformer (MT-30W)**
Standard North American Type A, Class 2 transformer with 30 W capacity and 1' (300 mm) flying leads.

Supplemental Surge Protection
Specify Separately

- ☐ **In-Line Surge Arrestor (SURGE-MOD)**
Provides two additional layers of surge protection (up to 10KW) to any 12 Vac/dc LED luminaire.



Wire Connections
Specify Separately

- ☐ **Heat Shrink Wire Connectors - Medium (WCHSMD20)**
Tin-coated copper butt splices with adhesive-filled heat shrink tubes.



- ☐ **Heat Shrink Wire Connectors - Small (WCHSSM20)**
Tin-coated copper butt splices with adhesive-filled heat shrink tubes.



Replacement Parts
Specify Separately

- ☐ **Medium ZDC 3LED Replacement Kit, Round, RGBW (ZDCKITM)**
- ☐ **1LED Replacement Kit, Round, 2700K (KIT1LEDRDW)**

- ☐ **ZD 1LED Replacement Kit, Round, 2700K (KITZD1LEDRDW)**
- ☐ **3LED Replacement Kit, Round, 2700K (KIT3LEDRDW)**

- ☐ **ZD 3LED Replacement Kit, Round, 2700K (KITZD3LEDRDW)**

Custom Color
A one-off setup fee applies for each custom color per order. Add to your enquiry.

- ☐ **Custom Color Setup Fee: Essential Series (Custom RAL Color Setup)**
Custom RAL colour setup fee



Give every landscape the light it deserves



When it comes to lighting design, why should architecture have all the fun? We've added more than 50 new landscape luminaires, offering unmatched performance, simple installation, and compatibility with state-of-the-art Luxor® Technology. Discover endless new possibilities to bring your next landscape lighting project to life at lumascap.com.



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