





Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The dAxis-7 is an expertly engineered directional luminaire with a 45° or 60° shield to illuminate a variety of spaces in 3, 6 or 9 LED. A zoning/dimming version is also available for use with ZDCLink® Controllers.

Features

Total Lumens	751 lm
Power Consumption	4.4 W 9.3 W 12.2 W 11.0 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz RGBW: 11-15 Vac/dc, 50/60 Hz
Installation Requirements	Upward direction only
Typical Lifetime	White: >72,000 hrs RGBW: >55,000 hrs (L70, B10, TM21 Reported)
Weight	2.2 lb (1.0 kg)
Compliance	
Color Options	

Technology



Technical Information

	3LED	6LED	9LED	ZD	ZDC
Performance*					
Lumen Output (lm)	289	512	751	751	-
Power Consumption (VA)	4.4 W	9.3 W	12.2 W	12.2 W	11.0 W
Efficacy (lm/W)	73	66	67	67	-
Color Rendering Index (CRI)	80+	80+	80+	80+	-
Peak Intensity (cd)	571	1,094	1,446	1,446	-
Control					
Luxor® Compatibility					
Powerline Zoning	Yes	Yes	Yes	Yes	Yes
Dimming	-	-	-	Yes	Yes
RGBW	-	-	-	-	Yes

* 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	White: 10 to 15 Vac/dc, 50/60 HZ RGBW: 11 to 15 Vac/dc, 50/60 Hz
Configuration	Integral driver.
LED	White: Lumileds® RGBW: Cree®
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	White: >72,000 hours (L70, B10, TM21 Reported) RGBW: >55,000 hours (L70, B10, 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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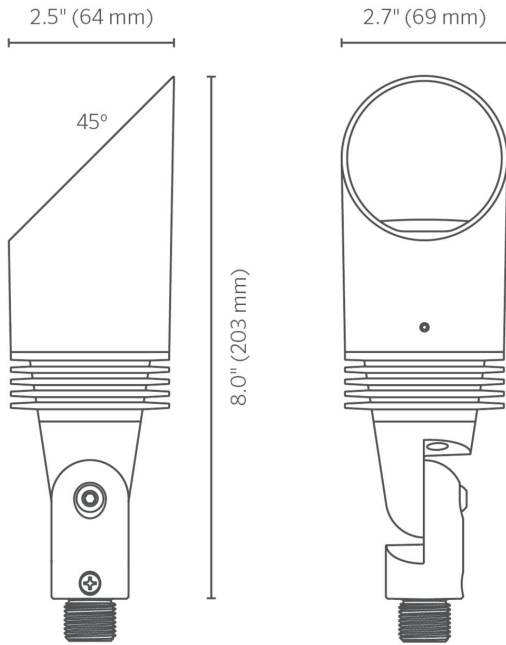
Physical

Beam Angles	White: 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. RGBW: beam angle is fixed.
Construction	Die-cast A380 aluminum housing and shield 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	White: Clear RGBW: Frosted
Glare Control	45° angled shield or 60° long shield option.

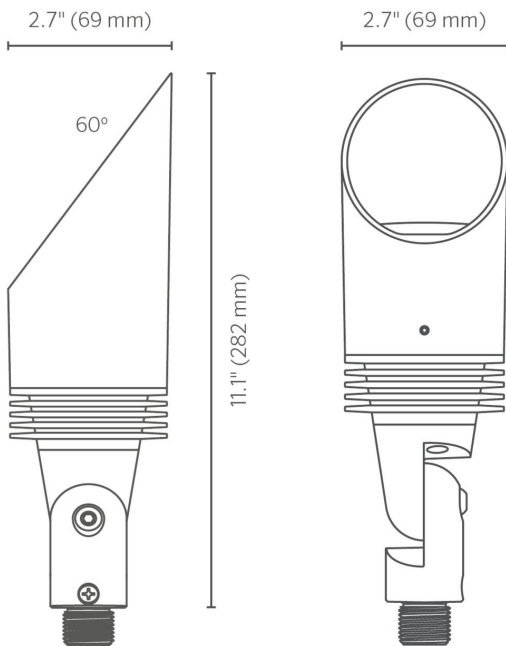
Hardware	Stainless steel hardware.
Threads	1/2"-14 NPSM
Housing Capacity	Round 3LED, 6LED, 9LED, or ZDC-L
Weight	2.2 lb (1.0 kg)
Compliance	
IP Rating	IP65
Environment	Dry, Damp, Wet locations
Certifications	UL 1838, CSA C22.2 No. 250.7, IEC 60598-1, IEC 605598-2-4, FCC Part 15, Subpart B, ISED Canada 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

Standard Shield



Long Shield



Photometrics 3LED

dAxis-7 3 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
		Vertical 35.5°	Horizontal 35.8°
Feet (Meters)	Foot-Candles (Lux)		
5' (1.5 m)	23 fc (245 lx)	3.2' (1.0 m)	3.2' (1.0 m)
10.0' (3.0 m)	5.7 fc (61 lx)	6.4' (2.0 m)	6.5' (2.0 m)
15.0' (4.6 m)	2.5 fc (27 lx)	9.6' (2.9 m)	9.7' (3.0 m)
20.0' (6.1 m)	1.4 fc (15 lx)	12.8' (3.9 m)	12.9' (3.9 m)
25.0' (7.6 m)	0.9 fc (10 lx)	16' (4.9 m)	16.1' (4.9 m)
30.0' (9.1 m)	0.6 fc (7 lx)	19.2' (5.9 m)	19.4' (5.9 m)

Photometrics 6LED

dAxis-7 6 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
		Vertical 19.3°	Horizontal 19.9°
Feet (Meters)	Foot-Candles (Lux)		
5' (1.5 m)	44 fc (469 lx)	2.9' (0.8 m)	3.1' (0.9 m)
10.0' (3.0 m)	11 fc (117 lx)	5.8' (1.8 m)	6.1' (1.9 m)
15.0' (4.6 m)	4.8 fc (52 lx)	8.7' (2.7 m)	9.2' (2.8 m)
20.0' (6.1 m)	2.7 fc (29 lx)	11.6' (3.5 m)	12.2' (3.7 m)
25.0' (7.6 m)	1.7 fc (19 lx)	14.5' (4.4 m)	15.3' (4.7 m)
30.0' (9.1 m)	1.2 fc (13 lx)	17.4' (3.3 m)	18.3' (5.6 m)

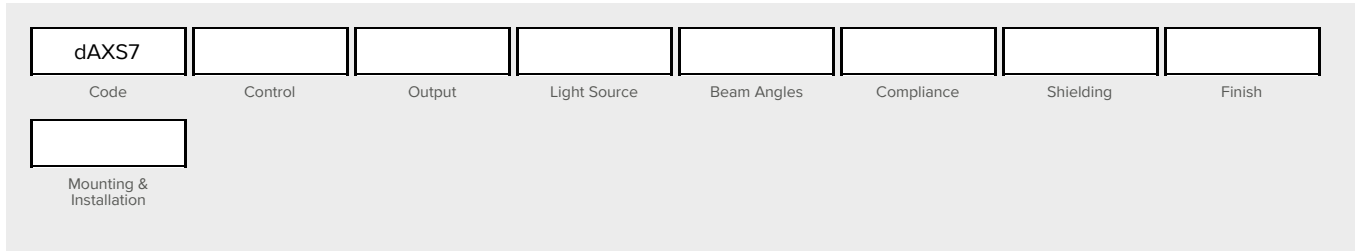
Photometrics 9LED

*d*Axis-7 9 LED Illuminance at a Distance

Distance	Center Beam fc	Beam Width	
Feet (Meters)	Foot-Candles (Lux)	Vertical 19.3°	Horizontal 19.9°
5' (1.5 m)	58 fc (622 lx)	3.0' (0.9 m)	3.1' (0.9 m)
10.0' (3.0 m)	15 fc (156 lx)	5.9' (1.8 m)	6.2' (1.9 m)
15.0' (4.6 m)	6.4 fc (69 lx)	8.0' (2.7 m)	9.2' (2.8 m)
20.0' (6.1 m)	3.6 fc (39 lx)	11.8' (3.6 m)	12.3' (3.7 m)
25.0' (7.6 m)	2.3 fc (25 lx)	14.8' (4.5 m)	15.4' (4.7 m)
30.0' (9.1 m)	1.6 fc (17 lx)	17.7' (5.4 m)	18.5' (5.6 m)

Configuration

For complete and up-to-date product options, configure the dAXS7 using our online [product configurator](#).



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.
- Zone/Dim/Color (ZDC)**
Zone/Dim/Color with Luxor® Technology using the ZDClick Lighting Controller.

Output

- 4.4 W (3LED)**
289 lm
- 9.3 W (6LED)**
512 lm
- 12.2 W (9LED)**
751 lm
- 12.2 W**
751 lm, for ZD control
- 11.0 W**
For ZDC control

Light Source

- Static White (K27)**
2,700 K (80+ CRI) 
- RGBW**
For ZDC control 

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
- Flood**
45° beam angle, for ZDC control
- 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



Shielding

Standard Shroud
45° Angled Shroud

Long Shroud (LS)
60° Angled Long Shroud

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.



Mounting & Installation

Included with product.














ProAim™ Ratcheting Stake
10" (250 mm) adjustable stake for 1/2"-14 NPSM threads



Accessories

Mounting & Installation

Specify Separately

- | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <input type="checkbox"/> Ground Stake (LS6054)
19" long 2-1/2" schedule 40 PVC post with die-cast aluminum cap. 1/2"-14 thread with stabilizer kit. |  | <input type="checkbox"/> Non-Penetrating Tree Ring (TR)
Adjustable, drill-free, non-penetrating tree ring, accommodates up to six luminaires. |  | <input type="checkbox"/> Super J-Box Stake (SJ)
2.0" (51 mm) metal cap with 1/2"-14 NPSM threads over an 11" (279 mm) ground stake. |  |
| <input type="checkbox"/> Post Mount (PM)
Suitable for use on 1/2" NPSM ground-mount luminaires and is specified separately. |  | <input type="checkbox"/> 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. |  | <input type="checkbox"/> Versabox® (VB-050)
A 1.5" (38 mm) brass cap with 1/2"-14 NPSM threads. |  |
| <input type="checkbox"/> Mini J-Box (MJ-050)
A 1.5" (38 mm) aluminum wall mount with 1/2"-14 NPSM threads and wire compartment. |  | <input type="checkbox"/> Treebox® (TB)
A dual 1/2"-14 NPSM threads with wire compartment. |  | <input type="checkbox"/> 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. |  |
| <input type="checkbox"/> Wall Plate 1-Gang (WP-1G-050)
1-gang wall plate with 1/2"-14 NPSM threads. |  | <input type="checkbox"/> Wall Plate, Round (WP-RD-050)
5" (127 mm) round wall plate with 1/2"-14 NPSM threads. |  | <input type="checkbox"/> Mini Mount (MM-050) |  |
| <input type="checkbox"/> 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.



Copper Straight Riser (—)
1.2" (30 mm) OD and 1/2"-14 Male and Female NPSM threads



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.



ZDclick® Lighting Controller (ZDclick)
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.

- Large ZDC 3LED Replacement Kit, Round, RGBW (ZDCKITL)**

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

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

- ZD 6LED Replacement Kit, Round, 2700K (KITZD6LEDRDW)**

- ZD 9LED Replacement Kit, Round, 2700K (KITZD9LEDRDW)**

- 1LED Replacement Kit, Round, 2700K (KIT1LEDRDW)**

- 3LED Replacement Kit, Round, 2700K (KIT3LEDRDW)**

- 6LED Replacement Kit, Round, 2700K (KIT6LEDRDW)**

- 9LED Replacement Kit, Round, 2700K (KIT9LEDRDW)**

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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