









Project Name	
Type	
Part Number	
Quantity	
Notes	

## Product Overview

The dAria-6 is an extremely durable direction luminaire for harsh environment constructed from machined brass. Accepts MR-16 lamp.

## Features

Total Lumens	312 lm
Power Consumption	4.3 W   5.4 W
Input Voltage	10-15 Vac/dc, 50/60 Hz
Lamp Type	MR-16
Installation Requirements	Upward Direction Only
Typical Lifetime	White: 72,000 hrs
Weight	2.6 lbs (1.2 kg)
Compliance	    
Color Options	

## Technology



## 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 (specified separately)
Lamp	MR-16
LED	Cree®
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	White: >40,000 hours (L70, B10, TM21 Reported)
Dimming	Luxor® control or a trailing-edge (reverse phase-cut) dimmer.

### Control

Luxor® Control	The ZDClink 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 ZDClink.
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### Physical

Construction	Machined C360 brass housing, shield, and knuckle with brass hardware.
Finish	Natural metal finish.
Beam Angles	Dependent upon selected lamp
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.
Socket	MR-16 GU5.3 socket with retaining clips. Ceramic socket base with heat-resistant contact pad. Stainless steel retaining clips ensure high spring force retention.
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 or 90° cutoff flush at lens.
Hardware	Brass and/or stainless steel hardware
Threads	1/2"-14 NPSM
Housing Capacity	Standard MR-16 lamp
Weight	2.6 lb (1.2 kg)

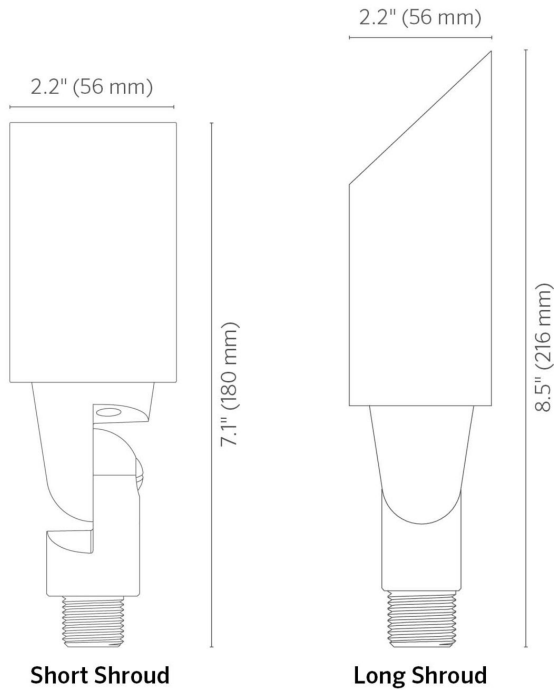
### Compliance

IP Rating	IP65
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Environment	Dry, Damp, Wet locations
Certification	UL 1838. Compliant per IEC 60598-1 and IEC 60598-2-4 when used with the Ground Mount ("GM-XX") or alternate mount greater than or equal to IP65.
<b>Overview</b>	
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 <a href="https://lumascap.com">lumascap.com</a> .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

## Specifications

### Dimensions



### Photometrics LED20WFL

#### dAria-6 LED20WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 31.8°	Horizontal 31.85°
3' (0.9 m)	63 fc (678 lx)	1.7' (0.5 m)	1.7' (0.5 m)
6' (1.8 m)	16 fc (172 lx)	3.4' (1.0 m)	3.4' (1.0 m)
9' (2.7 m)	7.0 fc (75 lx)	5.1' (1.6 m)	5.1' (1.6 m)
12' (3.7 m)	4.0 fc (43 lx)	6.8' (2.1 m)	6.8' (2.1 m)
15' (4.6 m)	2.5 fc (27 lx)	8.5' (2.6 m)	8.5' (2.6 m)
18' (5.5 m)	1.8 fc (19 lx)	10.3' (3.1 m)	10.3' (3.1 m)

Note: Photometric data displayed using 2,700 K lamp with a 35° beam angle.

Photometrics LED35WFL

dAria-6 LED35WFL Illuminance at a Distance

Feet (Meters)	Center Beam Foot-Candles (Lux)	Beam Width Vertical 35°
3' (0.9 m)	93.8 fc (1,010 lx)	1.7' (0.5 m)
6' (1.8 m)	23.5 fc (253 lx)	3.4' (1.0 m)
9' (2.7 m)	10.4 fc (112 lx)	5.1' (1.6 m)
12' (3.7 m)	5.9 fc (64 lx)	6.8' (2.1 m)
15' (4.6 m)	3.8 fc (41 lx)	8.4' (2.6 m)
18' (5.5 m)	2.6 fc (28 lx)	10.1' (3.1 m)

Note: Photometric data displayed using 2,700 K lamp with a 35° beam angle.

Photometrics ZD35WFL

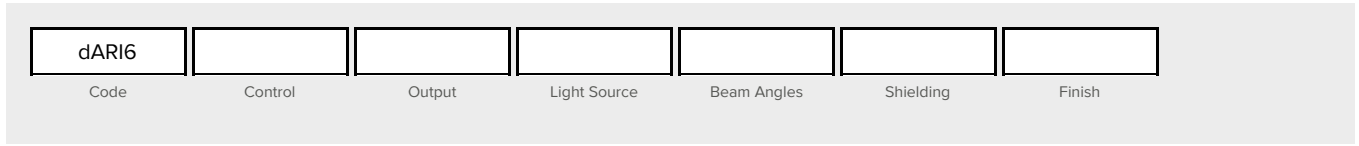
dAria-6 ZD35WFL Illuminance at a Distance

Feet (Meters)	Center Beam Foot-Candles (Lux)	Beam Width Vertical 35°
3' (0.9 m)	93.8 fc (1,010 lx)	1.7' (0.5 m)
6' (1.8 m)	23.5 fc (253 lx)	3.4' (1.0 m)
9' (2.7 m)	10.4 fc (112 lx)	5.1' (1.6 m)
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Note: Photometric data displayed using 2,700 K lamp with a 35° beam angle.

## Configuration

For complete and up-to-date product options, configure the dARI6 using our online [product configurator](#).



### Control

- Default (LED)**  
1) On/Off or 2) Phase-cut Dimming
- Zone/Dim (ZD)**  
Zone/Dim with Luxor® Technology using the ZDLink Lighting Controller.

### Output

- 4.3 W (20)**  
207 lm
- 5.4 W (35)**  
312 lm

### Light Source

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



### Beam Angles

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

- Flood (FL)**  
35° beam angle

### Shielding

- Standard Shroud**  
15° Angled Shroud
- Long Shroud (LS)**  
45° Angled Long Shroud

Finish

Natural Brass (BS)



## Accessories

### Mounting & Installation

Specify Separately

**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.



**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.



**Line Mount (LNM)**

In-ground mounting accessory with cavity for mini transformers.



### Risers

Specify Separately

**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)



**RecessorRing® (RR-MR16)**

Spacer pushes the lamp farther into the fixture body to reduce glare.





### 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.



# 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 [lumandscape.com](http://lumandscape.com).



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