



Optional Long Shroud

TYPE

CATALOG #

PROJECT

NOTES

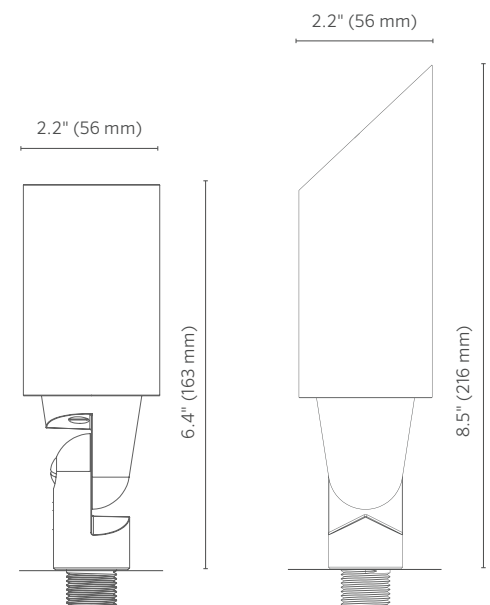
LED DIRECTIONAL LUMINAIRE

dAria-6

Extremely durable directional luminaire for harsh environments. Accepts MR-16 lamp.

Quick Facts

- Machined brass
- Tumbled finish
- MR-16 GU5.3 base
- ProAim® adjustability
- Tamper-resistant features
- Compatible with Luxor® Technology
- Phase or Luxor dimmable
- Input voltage: 10 to 15 Vac/Vdc



dAria-6 SPECIFICATIONS

Output	No Lamp	LED20WFL	LED35WFL	ZD35WFL
Total Lumens	--	207	312	312
Input Voltage	10 to 15 Vac/Vdc	10 to 15 Vac/Vdc	10 to 15 Vac/Vdc	10 to 15 Vac/Vdc
Input Power	--	4.0 W	5.0 W	5.0 W
Power Consumption (VA)	--	4.3 W	5.4 W	5.4 W
Efficacy (lm/W)	--	49	68	68
Color Rendering Index (CRI)	--	82	83	80+
Center Beam Candlepower				
Flood (35°)	--	569	827	827
Dimming				
Primary Dimming (Transformer)	Consult transformer specifications			
Secondary Dimming (Luminaire)	--	Phase-cut**	Phase-cut**	Phase-cut**, Luxor
Luxor Compatibility				
ZD Option	--	--	--	Zoning/Dimming
Minimum Rated Life L70 (hrs)	--	40,000	40,000	40,000

** 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

Machined C360 brass housing, shroud, and knuckle with brass hardware.

Lamp

LED MR-16 lamp with Cree® LEDs. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradable and replaceable, the LEDs are rated to 40,000 hrs.

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.

Optics

Color temperature and beam angle defined by part number. Stainless steel spring in housing ensures the lamp and additional lenses stay flush against the glass lens, optimizing output and beam angles. Recess the lamp farther inside the housing to hide additional glare with the RecessorRing® Spacer (specify separately). 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).

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length

Power

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

Housing

Machined brass housing with capacity for one standard MR-16 lamp.

Shroud

Machined brass shroud with 90° cutoff (standard), flush against lens. Optional machined brass shroud with 45° cutoff available (long shroud).

Knuckle

Machined brass knuckle with ½"-14 NPSM threads. Compress and lock features prevent slip after installation. Complete adjustability over 220° of vertical adjustment.

Lens

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

Finish

Natural brass finish only.

Hardware

Uses ¼"-20 x ¾" stainless steel angle lock screw with #8-32 x ¾" setscrew. 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)

Control

The ZDLink Controller utilizes Luxor Technology to zone light luminaires in up to 250 groups and dim each group in 1% increments between 0% and 100%. Select the ZD option for zoning/dimming.

Weight

2.6 lbs (1.2 kg)

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.

Installation Requirements

Designed for installation in the upward direction only.

International Compliance

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.

Manufacturing

ISO 9001:2015 certified facility

Warranty

5-year limited warranty

Listings



dAria-6 ORDERING INFORMATION

Luminaire	Lamp	Shroud	Finish
dARI-6*	NL No Lamp Provided	[default] Straight 90°	BS Natural Brass
	LED20WFL 207 lm, 2,700K, 35°	LS Angled 45°	
	LED35WFL 312 lm, 2,700K, 35°		
	ZD35WFL Zone/Dim, 312 lm, 2,700K, 35°		






EXAMPLE LUMINAIRE CONFIGURATION: dARI-6-ZD35WFL-BS†

dARI-6	-		-		-	BS
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* Ships with ProAim Ratcheting Spike.

† Hyphens are for readability purposes only.


MOUNTING OPTIONS: Specify Separately

Item	Code†
POST MOUNT 2.5" (64 mm) x 13" (330 mm)	PM-XX* 
GROUND MOUNT 2.7" (67 mm) Diameter	GM-XX* 
GUTTER MOUNT 4.0" (102 mm) x 4.0" (102 mm)	GM-SS 
VERSABOX® MOUNT 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX* 
SUPER J-BOX SPIKE 2.5" (64 mm) x 12" (305 mm)	SJ-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 
RECESSORRING MR-16 Size	RRMR16 

RISER OPTIONS: Specify Separately

Item	Code†
RISER 1.0" (25 mm) Diameter	YY**-R-GT-XX* 

† Hyphens are for readability purposes only.

* XX = Finish code

** YY = Riser height in inches (6" increments between 6" and 36"; 150 mm increments between 150 mm and 900 mm).

dAria-6 PHOTOMETRICS

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)	

dAria-6 LED35WFL Illuminance at a Distance			
Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	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)	

dAria-6 ZD35WFL Illuminance at a Distance			
Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	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 a 2,700K lamp with a 35° beam angle.