

Optional Long Shroud

TYPE

CATALOG #

PROJECT

NOTES

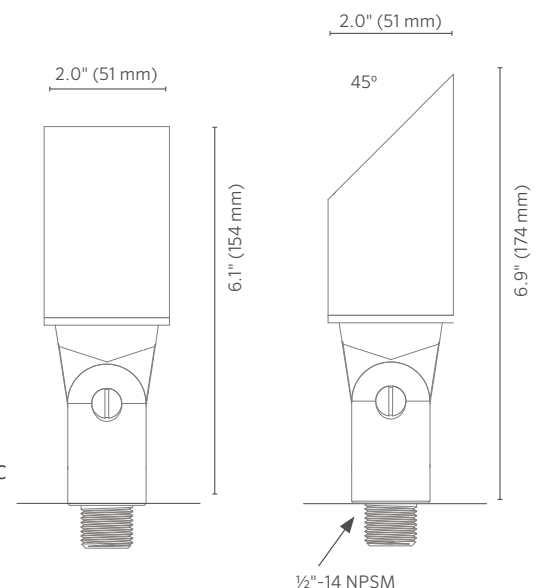
LED DIRECTIONAL LUMINAIRE

dAlta-5

This compact directional luminaire is engineered for coastal environments. Available in 3 LED and ZDC options.

Quick Facts

- Copper/brass construction
- Natural copper/brass or antique finishes
- Lumileds® integrated LEDs
- ProAim® adjustability
- Tamper-resistant features
- Compatible with Luxor® Technology
- Phase or Luxor dimmable
- Input voltage: 10 to 15 Vac/Vdc



dAlta-5 SPECIFICATIONS

Output	3 LED	ZDT	ZDC
Total Lumens [†]	289	105*	214
Input Voltage	10 to 15 Vac/Vdc	10 to 15 Vac/Vdc	11 to 15 Vac/Vdc
Input Power	4.0 W	4.2 W	6.0 W
Power Consumption (VA)	4.4 W	4.5 W	7.2 W
Efficacy (lm/W)	74	30	35
Color Rendering Index (CRI)	83	--	80+
Center Beam Candlepower*	464	498	220
Dimming			
Primary Dimming (Transformer)	Consult transformer specifications		
Secondary Dimming (Luminaire)	Phase-cut**	Phase-cut**	Luxor
RGBW Available	No	No	Yes
Luxor Compatibility			
Default	Zoning	--	Zoning
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life L70 (hrs)	72,000	72,000	55,000

[†] Measured using the 2,700K CCT option.

* Value measured with Flood (35°) optic. See .ies files for Spot (20°) or Wide Flood (60°) photometry.

** 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

C360 brass housing, knuckle assembly, and angled glass support with brass hardware. C110 copper shroud.

Lamp

Integrated module with Lumileds LEDs. Gold-plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradable and replaceable, the LEDs are rated to 72,000 hrs. Maximum drive current: 1 A.

Optics

Color temperature and beam angle defined by part number. Beam angle is field serviceable (specify separately). For additional color filters, spread lenses, hex baffles, and so on, use MR-11 sized accessories.

Socket

Socket contains MoistureBlock™ Technology, preventing moisture from wicking up into sealed areas of the luminaire.

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 3 LED, ZDT, or medium-sized ZDC integrated LEDs.

Shroud

Extruded copper shroud with 90° cutoff (standard) or 45° long shroud option. Drainage hole feature on 90°; not necessary on angled shroud.

Lens

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

Knuckle

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

Finish

Options of natural copper/brass finish or antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect. Antique finishes sealed with a clear TGIC powder-coat finish layer.

Hardware

Brass angle lock screw with setscrew. Includes ABS ProAim Ratcheting 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)

Weight

1.8 lbs (0.8 kg)

Control

The ZDCLink Controller utilizes Luxor Technology to zone light 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.

Installation Requirements

Designed for installation in the upward direction only. Install drainage hole downward when applicable.

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 the Ground Mount ("GM-XX") or alternate mount greater than or equal to IP65.

Wildlife-Friendly Lighting

Available with wildlife-friendly amber LEDs.

Manufacturing

ISO 9001:2015 certified facility




Warranty

5-year limited warranty

Listings



dAlta-5 ORDERING INFORMATION

Luminaire	Control + Output	Color Temp	Optics	Options	Finish
dALT-5*	■ 3LED Zone, 289 lm	■ K27 2,700K	■ SP 20°	■ [default] Straight (90°)	■ CU Natural Copper 
	■ ZD Zone/Dim 3 LED, 289 lm		■ FL 35°	■ LS Angled (45°)	■ AB Antique Bronze 
	■ ZDT Zone/Dim 3 LED, 105 lm	■ [default] Wildlife-Friendly Amber (585 to 595 nm)	■ WF 60°		■ AT Antique Tumbled 
	■ ZDC Zone/Dim/Color, 214 lm	■ [default] RGBW	■ [default] 45°		

EXAMPLE LUMINAIRE CONFIGURATION: dALT-5-3LED-K27-FL-CU†






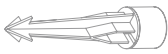
dALT-5

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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* 

RISER OPTIONS: Specify Separately



Item	Code†
■ RISER 1" (25 mm) Diameter Copper Riser	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).

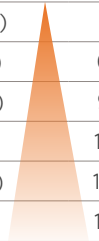
LENS ACCESSORIES: Specify Separately

Item	Code†
■ HEX BAFFLE MR-11 Size	250015250000 
■ SOLITE SPREAD LENS MR-11 Size	250015420000 
■ FROSTED LENS MR-11 Size	250010480000 

dAlta-5 PHOTOMETRICS

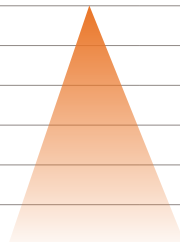
dAlta-5 3 LED* Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 35.5°	Horizontal 35.8°
5' (1.5 m)	25 fc (245 lx)	3.2' (1.0 m)	3.2' (1.0 m)
10' (3.0 m)	5.7 fc (61 lx)	6.4' (2.0 m)	6.5' (2.0 m)
15' (4.6 m)	2.5 fc (27 lx)	9.6' (2.9 m)	9.7' (3.0 m)
20' (6.1 m)	1.4 fc (15 lx)	12.8' (3.9 m)	12.9' (3.9 m)
25' (7.6 m)	0.9 fc (10 lx)	16.0' (4.9 m)	16.1' (4.9 m)
30' (9.1 m)	0.6 fc (7 lx)	19.2' (5.9 m)	19.4' (5.9 m)



dAlta-5 ZDC Illuminance at a Distance

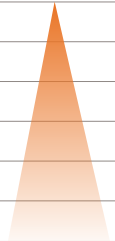
Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	41.2°
4' (1.2 m)	14 fc (148 lx)	3' (0.9 m)
8' (2.4 m)	3 fc (37 lx)	6' (1.8 m)
12' (3.7 m)	1.5 fc (16 lx)	9' (2.7 m)
16' (4.9 m)	0.9 fc (10 lx)	12' (3.7 m)
20' (6.1 m)	0.6 fc (7 lx)	15' (4.6 m)
24' (7.3 m)	0.4 fc (4 lx)	18' (5.5 m)



* Photometric data displayed using 2,700K with a Flood (35°) optic.
Note: ZDC option defaults to Wide Flood.

dAlta-5 ZDT Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candles (Lux)	21.7°
4' (1.2 m)	31 fc (335 lx)	2' (0.5 m)
8' (2.4 m)	8 fc (84 lx)	3' (1.0 m)
12' (3.7 m)	4 fc (38 lx)	5' (1.4 m)
16' (4.9 m)	2 fc (22 lx)	6' (1.9 m)
20' (6.1 m)	1.3 fc (14 lx)	8' (2.4 m)
24' (7.3 m)	0.9 fc (10 lx)	9' (2.8 m)



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