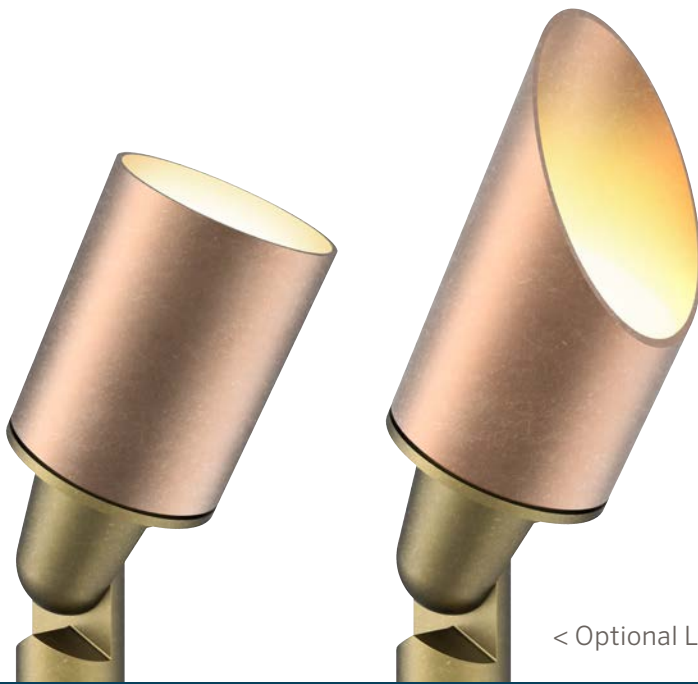


TYPE

CATALOG #

PROJECT

NOTES



< Optional Long Shroud

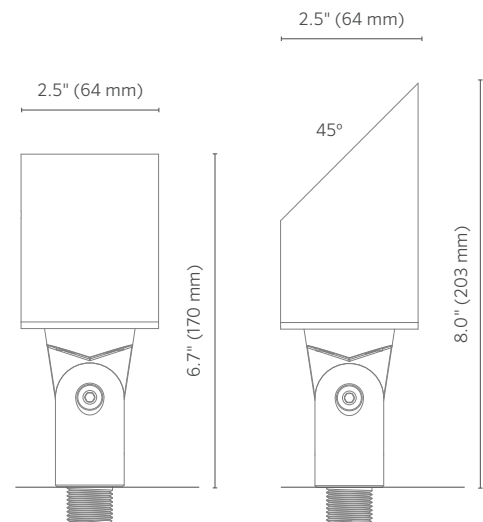
## LED DIRECTIONAL LUMINAIRES

### dAlta-7

Expertly engineered directional accent light illuminates a variety of spaces in 1, 3, 6, or 9 LED. Copper and brass construction. An RGBW version is also available for use with ZDCLink™ systems.

#### Quick Facts

- Copper/brass construction
- Natural copper/brass or antique finishes
- Cree® Integrated LEDs
- ProAim™ adjustability
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



# dAlta-7 SPECIFICATIONS

Output	1LED	3LED	6LED	9LED	ZDC
<b>Total Lumens<sup>†</sup></b>	74	208	397	430	118
<b>Input Voltage</b>	10 to 15V	10 to 15V	10 to 15V	10 to 15V	11 to 15V
<b>Input Power (W)</b>	2.0	4.2	10.1	11.2	9.1
<b>VA</b>	2.4	4.5	13.5	13.5	11.0
<b>Efficacy (Lumens/Watt)</b>	38	51	48	43	23
<b>Color Rendering Index (CRI)</b>	82	82	84	84	82
<b>Center Beam Candlepower*</b>					
<b>Spot (17-20)</b>	314	1,140	2,671	2,577	183
<b>Dimming</b>	PWM, Phase**	PWM, Phase**	PWM, Phase**	PWM, Phase**	--
<b>RGBW Available</b>	No	No	No	No	Yes
<b>Luxor Compatibility</b>					
<b>Default</b>	Zoning	Zoning	Zoning	Zoning	--
<b>ZD Option</b>	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
<b>ZDC Option</b>	--	--	--	--	Zoning/Dimming/ Color
<b>Minimum Rated Life (L70)</b>	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs

\* Information not available for Flood or Wide Flood. \*\* For optimal performance, use a trailing-edge, phase-cut dimmer.

† Measured using the 3,900K CCT lens. Multipliers for other CCT's include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

## Holm

Holm was born from an industry demand for a comprehensive offering of distinctive line- and low-voltage luminaires for the commercial market. Our products are designed to meet required specifications while echoing the aesthetics of each project. Holm is a Hunter Industries company with more than three decades of engineering expertise, now bringing its Luxor technology to the commercial architectural and landscape lighting market.

## Materials

Machined C360 brass housing, knuckle, and angled glass support with brass hardware. C110 Copper shroud.

## Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A

## Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 30°-32°, or 55-58° distributions ordered pre-assembled to luminaire. Color temperature and beam angle lenses field serviceable. For additional color filters, spread lenses, hex baffles, etc., use MR-16 sized accessories.

## Socket

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

## Wiring

18 AWG (1 mm); SPT-1W; 220°F (105° C); 300V; 5' (1.5 m) length.

## Power

Input 10-15 VAC/VDC, 50/60 Hz. Remote transformer required (specify separately).

## Housing

Machined brass housing with capacity for 1LED, 3LED, 6LED, 9LED, or 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.

## 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

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

## Hardware

¼"-20 x ¾" brass angle lock screw with 8-32 x ¾" set screw. 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)

## Weight

2.8 lbs. (1.3 kg)

## Control

ZD or ZDC 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.

## 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.




## Warranty

5-year limited warranty

## Listings



# dAlta-7 ORDERING INFORMATION

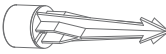




Luminaire-Size	Luxor Option	Output	Optics	Options	Finish
dALT-7*	■ [default] Zone	■ 1LED 74 Lumens	■ SP 17°-20°	■ [default] Standard Shroud (90°)	■ CU Natural Copper 
	■ ZD Zone/Dim	■ 3LED 208 Lumens	■ FL 30°-32°	■ LS Long Shroud (45°)	■ AB Antique Bronze 
		■ 6LED 397 Lumens	■ WF 56°-58°		■ AT Antique Tumbled 
		■ 9LED 430 Lumens			
	■ ZDC Zone/Dim/Color	■ [default] 118 Lumens	■ [default] 40°-42°		

EXAMPLE LUMINAIRE CONFIGURATION: dALT-7-ZD-1LED-FL-CU




\* Ships with ProAim ratcheting spike

## MOUNTING OPTIONS: Order Individually

Mounts	Code	
■ SUPER J-BOX 2.5" (64 mm) x 12" (305 mm)	SJ-XX*	
■ POST MOUNT 2.5" (64 mm) x 13" (330 mm)	PM-XX*	
■ GROUND MOUNT 2.7" (67 mm) Diameter	GM-XX*	
■ VERSABOX® 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX*	
■ GUTTER MOUNT 4.0" (102 mm) x 4.0" (102 mm)	GM-SS	

## RISER OPTIONS: Order Individually

Riser	Code	
■ RISER 1.0" (25 mm) Diameter	YY-R-GT-XX*	

## LENS ACCESSORIES: Order Individually

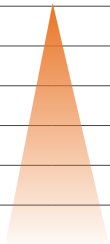
Item	Code	
■ HEX BAFFLE MR-16 Size	250015260000	
■ LINEAR SPREAD LENS MR-16 Size	250013550000	
■ SOLITE SPREAD LENS MR-16 Size	250015240000	

\*YY = riser height in inches (6" increments between 6" and 36";  
150 mm increments between 150 mm and 900 mm),  
XX = finish code

# dAlta-7 PHOTOMETRICS

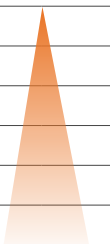
## dAlta-7 1LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
		Vertical 21.9°
4.0' (1.2 m)	19.6 fc (211 lx)	1.5' (0.5 m)
8.0' (2.4 m)	4.9 fc (53 lx)	3.1' (1.0 m)
12.0' (3.7 m)	2.2 fc (24 lx)	4.6' (1.4 m)
16.0' (4.9 m)	1.2 fc (13 lx)	6.2' (1.9 m)
20.0' (6.1 m)	0.8 fc (9 lx)	7.7' (2.4 m)
24.0' (7.3 m)	0.5 fc (5 lx)	9.3' (2.8 m)



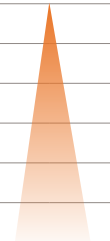
## dAlta-7 3LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
		Vertical 19.1°
4.0' (1.2 m)	71.3 fc (768 lx)	1.3' (0.4 m)
8.0' (2.4 m)	17.8 fc (192 lx)	2.7' (0.8 m)
12.0' (3.7 m)	7.9 fc (85 lx)	4.0' (1.2 m)
16.0' (4.9 m)	4.5 fc (48 lx)	5.4' (1.7 m)
20.0' (6.1 m)	2.9 fc (31 lx)	6.7' (2.0 m)
24.0' (7.3 m)	2.0 fc (22 lx)	8.1' (2.5 m)



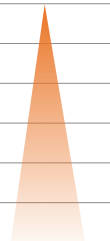
## dAlta-7 6LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
		Vertical 16.2°
4.0' (1.2 m)	167.0 fc (1,798 lx)	1.1' (0.3 m)
8.0' (2.4 m)	41.7 fc (449 lx)	2.3' (0.7 m)
12.0' (3.7 m)	18.5 fc (199 lx)	3.4' (1.0 m)
16.0' (4.9 m)	10.4 fc (112 lx)	4.6' (1.4 m)
20.0' (6.1 m)	6.7 fc (72 lx)	5.7' (1.7 m)
24.0' (7.3 m)	4.6 fc (50 lx)	6.9' (2.1 m)



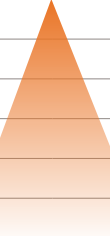
## dAlta-7 9LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
		Vertical 17.2°
4.0' (1.2 m)	161.0 fc (1,733 lx)	1.2' (0.4 m)
8.0' (2.4 m)	40.3 fc (434 lx)	2.4' (0.7 m)
12.0' (3.7 m)	17.9 fc (193 lx)	3.6' (1.1 m)
16.0' (4.9 m)	10.1 fc (109 lx)	4.8' (1.5 m)
20.0' (6.1 m)	6.4 fc (69 lx)	6.1' (1.9 m)
24.0' (7.3 m)	4.5 fc (48 lx)	7.3' (2.2 m)



## dAlta-7 ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	
		Vertical 44.5°
4.0' (1.2 m)	11.5 fc (124 lx)	3.3' (1.0 m)
8.0' (2.4 m)	2.9 fc (31 lx)	6.5' (2.0 m)
12.0' (3.7 m)	1.3 fc (14 lx)	9.8' (3.0 m)
16.0' (4.9 m)	0.7 fc (8 lx)	13.1' (4.0 m)
20.0' (6.1 m)	0.5 fc (5 lx)	16.4' (5.0 m)
24.0' (7.3 m)	0.3 fc (3 lx)	19.6' (6.0 m)



NOTE: Photometric data displayed using 3900K filter with 20° spot lens. ZDC option defaults to wide flood.