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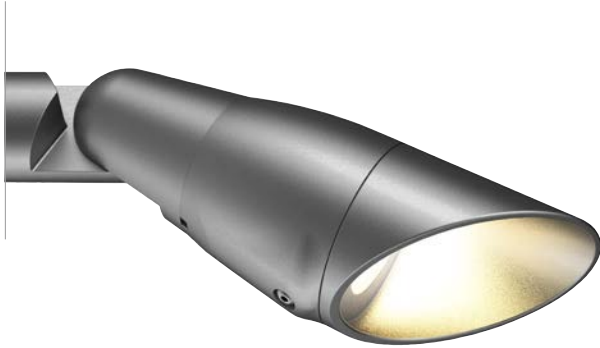
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 PROJECT
 

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 NOTES
 

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## LED DIRECTIONAL LUMINAIRE

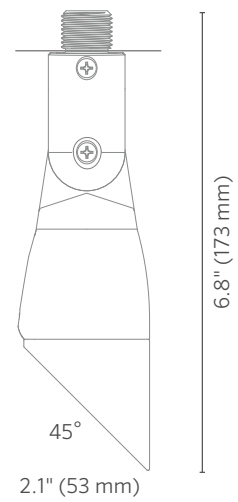
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### *dBeam-5*

Our smallest directional luminaire is built to house a 1 LED board, making it an excellent choice for downlighting compact spaces.

#### Quick Facts

- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Lumileds® integrated LEDs
- ProAim® adjustability
- Tamper-resistant features
- Compatible with Luxor® Technology
- Phase and Luxor dimmable
- Input voltage: 10 to 15 Vac/Vdc



# dBeam-5 SPECIFICATIONS

Output	1 LED
Total Lumens†	101
Input Voltage	10 to 15 Vac/Vdc
Input Power	1.9 W
Power Consumption (VA)	2.2 W
Efficacy (lm/W)	55
Color Rendering Index (CRI)	80+
Center Beam Candlepower	
Spot (60°)*	136
Dimming	
Primary Dimming (Transformer)	Consult transformer specifications
Secondary Dimming (Luminaire)	Phase-cut**
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life L90 B10 (Hrs)	72,000

† 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](http://lumascap.com).

## Materials

Die-cast aluminum A380 housing and shroud with stainless steel hardware. Die-cast zinc/aluminum alloy knuckle.

## 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; 26' (8 m) length

## Housing

Die-cast aluminum housing with capacity for 1 LED integrated LEDs.

## 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. Beam angle is calculated using the LM-79 method for SSL luminaires.

## Power

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

## Shroud

Die-cast aluminum shroud with 45° cutoff.

## Lens

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

## Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

## Hardware

Stainless steel angle lock screw. Tamper-resistant setscrew included.

## Knuckle

Die-cast zinc/aluminum alloy knuckle with ½"-14 NPSM threads. Compress and lock features prevent slip after installation. Offers 9° increments of adjustability over 220° of vertical adjustment. Optional wall mount knuckle includes curved anchor bolt pattern for 60° rotational adjustment and patented threaded studs with hex heads for ease of installation (specify separately).

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Control

The ZDclick 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. Standard luminaire is zoneable with ZDclick.

## Weight

1.1 lbs (0.5 kg)

## Installation Requirements

Designed for installation in the downward direction only.

## 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 60598-2-1 when used with the TreeBox® Mount ("TB-XX") or alternate mount greater than or equal to IP64.

## Manufacturing

ISO 9001:2015 certified facility

## Warranty

5-year limited warranty

## Listings



Find more product resources at [lumascap.com](http://lumascap.com)

# dBeam-5 ORDERING INFORMATION

Luminaire	Control + Output	Color Temp	Optics	Finish	
<b>dBEM-5</b>	■ <b>1LED</b> Zone, 101lm	■ <b>K27</b> 2,700K	■ <b>SP</b> 20°	■ <b>BL</b> Black	■ <b>WT</b> White
	■ <b>ZD</b> Zone/Dim, 1LED, 101lm		■ <b>FL</b> 35°	■ <b>AG</b> Anthracite Gray	■ <b>DB</b> Dark Bronze
			■ <b>WF</b> 60°	■ <b>BT</b> Basalt Gray	■ <b>LT</b> Latte
				■ <b>GH</b> Graphite Gray	■ <b>DA</b> Dark Aluminum
				■ <b>SL</b> Anodic Silver	■ <b>CC</b> Custom RAL

EXAMPLE LUMINAIRE CONFIGURATION: dBEM-5-1LED-K27-SL<sup>†</sup>



Mini Mount for 1/2" thread included.

<sup>†</sup> Hyphens are for readability purposes only.

## MOUNTING OPTIONS: Specify Separately

Item	Code	
■ <b>GUTTER MOUNT</b> 4.0" (102 mm) x 4.0" (102 mm)	GM-SS	
■ <b>VERSABOX® MOUNT</b> 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX*	
■ <b>MINI J-BOX</b> 3.5" (89 mm) x 1.3" (34 mm)	MJB-050-XX*	
■ <b>TREEBOX® MOUNT</b> 5.4" (138 mm) x 1.9" (49 mm)	TB-XX*	
■ <b>WALL PLATES</b> 3.4" (85 mm) x 5.1" (129 mm)	WP-1G-050-XX*	
■ <b>WALL PLATES</b> 5.0" (127 mm) Diameter	WP-RD-050-XX*	
■ <b>WALL MOUNT</b> 3.5" (89 mm) x 2.0" (51 mm)	WM-XX*	
■ <b>MINI-MOUNT</b> 2.6" (65 mm) x 1.3" (32 mm)	MM-050-XX*	

## RISER OPTIONS: Specify Separately

Item	Code	
■ <b>RISER</b> 0.8" (21 mm) Diameter	YY**-R-XX*	
■ <b>SIGN LIGHT RISER</b> 0.8" (21 mm) Diameter with 45° Inward Curve	YY**-R-SL-XX*	

## COUPLING OPTIONS: Specify Separately

Item	Code	
■ <b>STRAIGHT</b> 1.3" (32 mm) x 2.0" (51 mm)	COUP-XX*	
■ <b>90° ELBOW</b> 1.3" (32 mm) x 2.0" (51 mm)	ELBW-050-XX*	
■ <b>T-MOUNT</b> 3.0" (76 mm) x 2.2" (57 mm)	TMNT-050-XX*	

## LENS ACCESSORIES: Specify Separately

Item	Code	
■ <b>HEX BAFFLE</b> MR-11 Size	250015250000	
■ <b>SOLITE SPREAD LENS</b> MR-11 Size	250015420000	
■ <b>FLOOD LENS</b> 1 LED Size	1LEDFLENS	
■ <b>WIDE FLOOD LENS</b> 1 LED Size	1LEDWFLENS	

\* XX = Finish code

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

<sup>†</sup> Hyphens are for readability purposes only.

Find more product resources at [lumascap.com](http://lumascap.com)

## dBeam-5 PHOTOMETRICS

dBeam-5 1LED Illuminance at a Distance				
Feet (Meters)	Center Beam	Beam Width		
	Foot-Candles (Lux)	Vertical 44.6°	Horizontal 48.4°	
5' (1.5 m)	5.1 fc (55 lx)	4.1' (1.2 m)	4.5' (1.4 m)	
10' (3.0 m)	1.3 fc (14 lx)	8.2' (2.5 m)	9.0' (2.7 m)	
15' (4.6 m)	0.6 fc (6 lx)	12.3' (3.7 m)	13.5' (4.1 m)	
20' (6.1 m)	0.3 fc (3 lx)	16.4' (5.0 m)	18.0' (5.5 m)	
25' (7.6 m)	0.2 fc (2 lx)	20.5' (6.2 m)	22.5' (6.9 m)	
30' (9.1 m)	0.1 fc (2 lx)	24.6' (7.5 m)	27.0' (8.2 m)	

Note: Photometric data displayed using 2,700K with a 60° beam angle.

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