








Project Name	
Type	
Part Number	
Quantity	
Notes	

Product Overview

The dBeam-8 is a practical directional luminaire in 3, 6 or 9LED. Also available in an RGBW version for use with ZDCLink® Controllers.

Features

Total Lumens	665 lm
Power Consumption	4.4 W   9.3 W   12.2 W   11.0 W
Input Voltage	White: 10-15 Vac/dc, 50/60 Hz   ZDC: 11-15 Vac, 50/60 Hz
Installation Requirements	Downward Direction Only
Typical Lifetime	White: 72,000 hrs   RGBW: 55,000 hrs
Weight	2.0 lb (0.9 kg)
Compliance	    RoHS COMPLIANT
Color Options	

Technology







## Written Specifications

### Electrical

Power Consumption	Specified power consumption indicates the full apparent power.
Input Voltage	White: 10–15 Vac/dc, 50/60 Hz. RGBW: 11–15 Vac/dc, 50/60 Hz. Remote transformer required (specify separately).
Configuration	Integral driver.
LED	White: Lumileds® RGBW: Cree®
Thermal Management	CoolDrive™ onboard thermal monitoring and control.
Lifetime	White: >72,000 hours (L70, B10, TM21 Reported) RGBW: >55,000 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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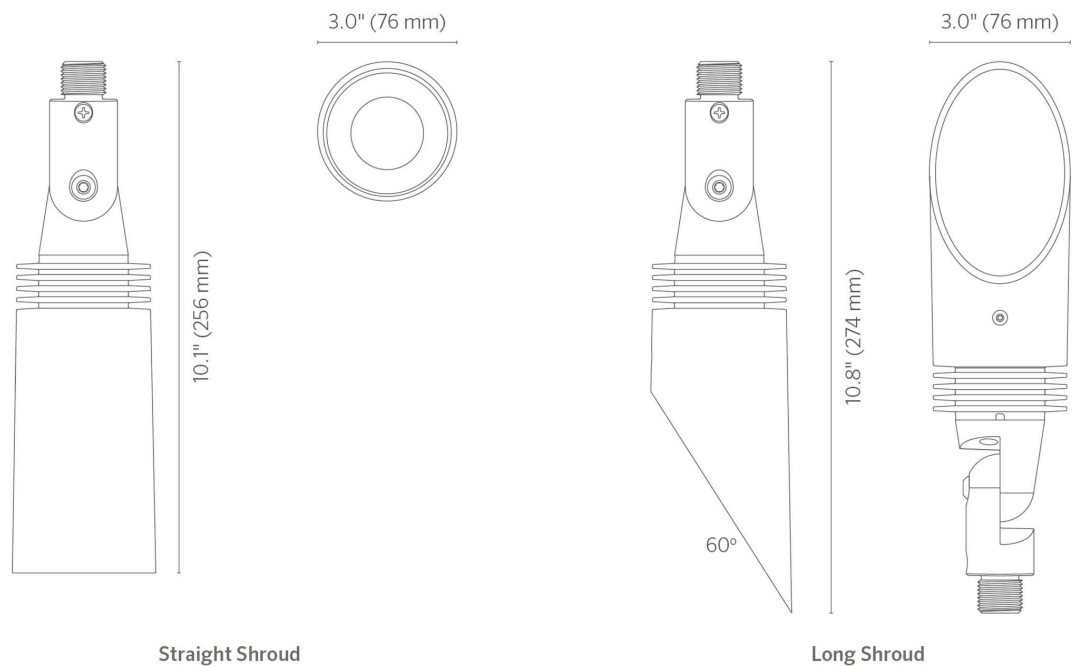
### Physical

Construction	Die-cast A380 aluminum housing and shield with stainless steel hardware. Die-cast zinc/aluminum alloy knuckle.
Finish	Two-layer protection of marine-grade anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.
Beam Angles	"Specify Spot (20°), Flood (35°), or Wide Flood (60°). For Narrow Spot (10°), specify any beam angle and remove beam angle lens on site. Beam angle is field serviceable."
Installation	Designed for installation in the downward lighting direction only.
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; 26' (8 m) length, measured from the light aperture. International ("e") length is shorter.
Socket	MicroAntileach™ Technology to prevent moisture from wicking up into sealed areas of the luminaire.
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	White: Clear RGBW: Frosted
Glare Control	60° angled shield or 2" deep 90° straight option.
Hardware	Tamper-resistant stainless steel hardware.

Threads	½"-14 NPSM
Housing Capacity	Round 1LED, 3LED, 6LED, 9LED, or ZDC-L
Weight	2.0 lb (0.9 kg)
<b>Compliance</b>	
IP Rating	IP65
Environment	Dry, Damp, Wet locations
Certifications	UL 1838, CSA C22.2 No. 250.7, IEC 60598-1, IEC 605598-2-4, FCC Part 15, Subpart B, ISED Canada ICES-005, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3.
	Default configuration UL Listed. CE certification is met when the “e” option is selected.
<b>Overview</b>	
About Us	Lumascape 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. Lumascape is a member of the Hunter Industries Family of Companies. Learn more at <a href="https://lumascape.com">lumascape.com</a> .
Manufacturing	ISO 9001:2015 certified facility.
Warranty	5-year limited warranty.

Specifications

Dimensions



Photometrics 3LED

dBeam-8 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)	23 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)

Note: Photometric data displayed using 2,700 K CCT with a 60° beam angle. ZDC option defaults to Wide Flood.

Photometrics 6LED

dBeam-8 6 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 32.3°	Horizontal 34.0°
5' (1.5 m)	44 fc (469 lx)	2.9' (0.8 m)	3.1' (0.9 m)
10' (3.0 m)	11 fc (117 lx)	5.8' (1.8 m)	6.1' (1.9 m)
15' (4.6 m)	4.8 fc (52 lx)	8.7' (2.7 m)	9.2' (2.8 m)
20' (6.1 m)	2.7 fc (29 lx)	11.6' (3.5 m)	12.2' (3.7 m)
25' (7.6 m)	1.7 fc (19 lx)	14.5' (4.4 m)	15.3' (4.7 m)
30' (9.1 m)	1.2 fc (13 lx)	17.4' (5.3 m)	18.3' (5.6 m)

Note: Photometric data displayed using 2,700 K CCT with a 60° beam angle. ZDC option defaults to Wide Flood.

Photometrics 9LED

dBeam-8 9 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 32.9°	Horizontal 34.2°
5' (1.5 m)	58 fc (622 lx)	3.0' (0.9 m)	3.1' (0.9 m)
10' (3.0 m)	15 fc (156 lx)	5.9' (1.8 m)	6.2' (1.9 m)
15' (4.6 m)	6.4 fc (69 lx)	8.9' (2.7 m)	9.2' (2.8 m)
20' (6.1 m)	3.6 fc (39 lx)	11.8' (3.6 m)	12.3' (3.7 m)
25' (7.6 m)	2.3 fc (25 lx)	14.8' (4.5 m)	15.4' (4.7 m)
30' (9.1 m)	1.6 fc (17 lx)	17.7' (5.4 m)	18.5' (5.6 m)

Note: Photometric data displayed using 2,700 K CCT with a 60° beam angle. ZDC option defaults to Wide Flood.

# Configuration

For complete and up-to-date product options, configure the dBEM8 using our online [product configurator](#).

dBEM8							
Code	Control	Output	Light Source	Beam Angles	Compliance	Shielding	Finish

## Control

- ☐ **Standard (-)**  
1) On/Off, 2) Phase-cut Dimming, or 3) Zone with Luxor® Technology using the ZDClick Lighting Controller.
- ☐ **Zone/Dim (ZD)**  
Zone/Dim with Luxor® Technology using the ZDClick Lighting Controller.
- ☐ **Zone/Dim/Color (ZDC)**  
Zone/Dim/Color with Luxor® Technology using the ZDClick Lighting Controller.

## Output

- ☐ **4.4 W (3LED)**  
263 lm
- ☐ **9.3 W (6LED)**  
472 lm
- ☐ **12.2 W (9LED)**  
665 lm
- ☐ **12.2 W**  
665 lm, for ZD control
- ☐ **11.0 W**  
For ZDC control

## Light Source

- ☐ **Static White (K27)**  
2,700 K (80+ CRI)
- 
- ☐ **RGBW**  
For ZDC control
- 

## Beam Angles

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

- ☐ **Spot (SP)**  
20° beam angle
- ☐ **Flood (FL)**  
35° beam angle
- ☐ **Flood**  
45° beam angle, for ZDC control
- ☐ **Wide Flood (WF)**  
60° beam angle

Compliance

☐ **North America**  
UL listed



☐ **International (E)**  
Bracket mount, UL listed and CE approved. Required for shipment outside of North America



Shielding

☐ **Long Shroud**  
60° Angled Long Shroud



☐ **Straight Shroud (SS)**  
90° Straight Shroud



Finish

☐ **Black (BL)**  
RAL9004 from RAL Classic collection



☐ **Anthracite Gray (AG)**  
RAL7016 from RAL Classic collection



☐ **Basalt Gray (BT)**  
RAL7012 from RAL Classic collection



☐ **Graphite Gray (GH)**  
Graphite Gray powder-coat finish



☐ **Anodic Silver (SL)**  
RAL9006 from RAL Classic collection



☐ **White (WT)**  
RAL9016 from RAL Classic collection



☐ **Dark Bronze (DB)**  
RAL8019 from RAL Classic collection



☐ **Latte (LT)**  
RAL7006 from RAL Classic collection



☐ **Dark Aluminium (DA)**  
RAL9007 from RAL Classic collection



☐ **Custom RAL (CC)**  
A one-off custom color setup fee applies. Click on 'More Info' button to add to your enquiry. Contact Lumascape for volume discount on set-up fee.



# Accessories

## Mounting & Installation

Specify Separately

☐ **Mini Mount (MM-050)**



☐ **Versabox® (VB-050)**  
A 1.5" (38 mm) brass cap with ½"-14 NPSM threads.



☐ **Mini J-Box (MJ-050)**  
A 1.5" (38 mm) aluminum wall mount with ½"-14 NPSM threads and wire compartment.



☐ **Treebox® (TB)**  
A dual ½"-14 NPSM threads with wire compartment.



☐ **Gutter Mount (GM-SS)**  
A 4.4" (112 mm) aluminum cap with ½"-14 NPSM threads and wire compartment; 2.0" schedule 40 conduit.



☐ **Wall Plate 1-Gang (WP-1G-050)**  
1-gang wall plate with 1/2"-14 NPSM threads.



☐ **Wall Plate, Round (WP-RD-050)**  
5" (127 mm) round wall plate with 1/2"-14 NPSM threads.



☐ **Non-Penetrating Tree Ring (TR)**  
Adjustable, drill-free, non-penetrating tree ring, accommodates up to six luminaires.



## Risers & Coupling

Specify Separately

☐ **Straight Riser (—)**  
An aluminum straight riser with 0.8" (12 mm) OD and 1/2"-14 Male NPSM x2 threads.



☐ **Angled Sign-Light Riser (—)**  
An aluminum angled sign-light riser with 0.8" (12 mm) OD, 45° bend, and 1/2"-14 NPSM x2 threads.



☐ **Straight Coupling (COUP)**  
An aluminum straight coupling 1.3" (32 mm) x 2.0" (51 mm).



☐ **Coupling, 90-deg, 1/2" NPSM (ELBW-050)**  
An aluminum 90° coupling 1.3" (32 mm) x 2.0" (51 mm).



☐ **Coupling, T, 1/2" NPSM (TMNT-050)**  
An aluminum T Coupling, ½" NPSM Thread.





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)



Power Supplies

Specify Separately

- ☐ **Multi-Tap  
Transformer  
(PROLINK)**  
The industry's most  
reliable multi-tap  
transformer.



- ☐ **ZDCLink® Lighting  
Controller (ZDCLink)**  
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 - Small (WCHSSM20)**

Tin-coated copper butt splices with adhesive-filled heat shrink tubes.



☐ **Heat Shrink Wire Connectors - Medium (WCHSMD20)**

Tin-coated copper butt splices with adhesive-filled heat shrink tubes.



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## Custom Color

A one-off setup fee applies for each custom color per order. Add to your enquiry.

☐ **Custom Color Setup Fee: Essential Series (Custom RAL Color Setup)**

Custom RAL colour setup fee



# *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 [lumascap.com](http://lumascap.com).



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