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## LED DIRECTIONAL LUMINAIRE

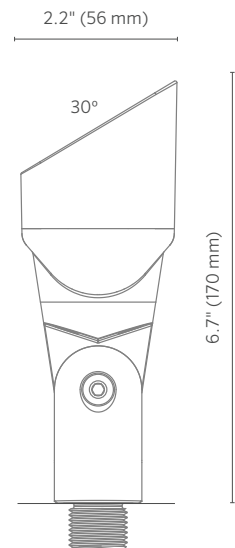
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### *dFresco-9*

Medium-sized wall wash in 3 LED. Available in brass construction. RGBW capable with **ZDCLink®** Controllers.

#### Quick Facts

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



# dFresco-9 SPECIFICATIONS

Output	3 LED	ZDT	ZDC
<b>Total Lumens<sup>†</sup></b>	265	146	357
<b>Input Voltage</b>	10 to 15 Vac/Vdc	10 to 15 Vac/Vdc	11 to 15 Vac/Vdc
<b>Input Power</b>	4.0 W	4.2 W	6.0 W
<b>Power Consumption (VA)</b>	4.4 W	4.5 W	7.2 W
<b>Efficacy (lm/W)</b>	68	42	50
<b>Color Rendering Index (CRI)</b>	84	--	80+
<b>Center Beam Candlepower</b>			
<b>Very Wide Flood (90°)</b>	136	304	122
<b>Dimming</b>			
<b>Primary Dimming (Transformer)</b>	Consult transformer specifications		
<b>Secondary Dimming (Luminaire)</b>	Phase**	Phase**	Luxor
<b>RGBW Available</b>	No	No	Yes
<b>Luxor Compatibility</b>			
<b>Default</b>	Zoning	--	--
<b>ZD Option</b>	Zoning/Dimming	Zoning/Dimming	--
<b>ZDC Option</b>	--	--	Zoning/Dimming/Color
<b>Minimum Rated Life L70 (hrs)</b>	72,000	55,000	55,000

<sup>†</sup> Measured using the 2,700K CCT option.

\*\* 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 C360 brass housing, shroud, and knuckle/base assembly with brass hardware.

## 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

## Shroud

Die-cast brass shroud with 30° cutoff.

## Power

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

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

## Housing

Die-cast brass housing with capacity for 3 LED, ZDT, or medium-sized ZDC integrated LEDs.

## Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

## Hardware

Brass angle lock screw with setscrew. Includes ABS ProAim Ratcheting Spike for 360° horizontal rotation in 10° increments. Tamper-resistant locking screw included.

## Weight

2.4 lbs (1.1 kg)

## Finish

Options of natural 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.

## Installation Requirements

Designed for installation in the upward direction only.

## 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.

## 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.

## Wildlife-Friendly Lighting

Available with wildlife-friendly amber LEDs.

## 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

9001:2015 ISO certified facility




## Warranty

5-year limited warranty

## Listings



# dFresco-9 ORDERING INFORMATION

Luminaire	Control + Output	Color Temp	Compliance	Finish
dFRS-9*	<ul style="list-style-type: none"> <li>■ <b>3LED</b> Zone, 265 lm</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>K27</b> 2,700K</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>[default]</b> ½" NPSM thread, UL Listed</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>BS</b> Natural Brass</li> </ul> 
	<ul style="list-style-type: none"> <li>■ <b>ZD</b> Zone/Dim, 3 LED, 265 lm</li> </ul>			<ul style="list-style-type: none"> <li>■ <b>AB</b> Antique Bronze</li> </ul> 
	<ul style="list-style-type: none"> <li>■ <b>ZDT</b> Zone/Dim, 3 LED, 146 lm</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>[T]</b> Wildlife-Friendly Amber (585 to 595 nm)</li> </ul>		<ul style="list-style-type: none"> <li>■ <b>AT</b> Antique Tumbled</li> </ul> 
	<ul style="list-style-type: none"> <li>■ <b>ZDC</b> Zone/Dim/Color, 357 lm</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>[default]</b> RGBW</li> </ul>		





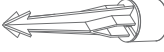
EXAMPLE LUMINAIRE CONFIGURATION: dFRS-9-ZD-K27-AT†

dFRS-9 -  -  -  -


\* Ships with ProAim ratcheting spike.

† Hyphens are for readability purposes only.

## MOUNTING OPTIONS: Specify Separately

Item	Code†	
<ul style="list-style-type: none"> <li>■ <b>POST MOUNT</b> 2.5" (64 mm) x 13" (330 mm)</li> </ul>	PM-XX*	
<ul style="list-style-type: none"> <li>■ <b>GROUND MOUNT</b> 2.7" (67 mm) Diameter</li> </ul>	GM-XX*	
<ul style="list-style-type: none"> <li>■ <b>GUTTER MOUNT</b> 4.0" (102 mm) x 4.0" (102 mm)</li> </ul>	GM-SS	
<ul style="list-style-type: none"> <li>■ <b>VERSABOX® MOUNT</b> 2.2" (57 mm) x 1.5" (39 mm)</li> </ul>	VB-050-XX*	
<ul style="list-style-type: none"> <li>■ <b>SUPER J-BOX SPIKE</b> 2.5" (64 mm) x 12" (305 mm)</li> </ul>	SJ-XX*	

## RISER OPTIONS: Specify Separately

Item	Code†	
<ul style="list-style-type: none"> <li>■ <b>RISER</b> 1.0" (25 mm) Diameter</li> </ul>	YY**-R-GT-XX*	

\* XX = Finish code

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

† Hyphens are for readability purposes only.

# dFresco-9 PHOTOMETRICS

## dFresco-9 3 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 69.4°	Horizontal 93.0°
3' (0.9 m)	15 fc (161 lx)	4.8' (1.5 m)	6.2' (1.9 m)
6' (1.8 m)	3.8 fc (40 lx)	9.6' (2.9 m)	12.4' (3.8 m)
9' (2.7 m)	1.7 fc (18 lx)	14.4' (4.4 m)	18.6' (5.7 m)
12' (3.7 m)	0.9 fc (10 lx)	19.1' (5.8 m)	24.8' (7.6 m)
15' (4.6 m)	0.6 fc (6 lx)	23.9' (7.3 m)	30.9' (9.4 m)
18' (5.5 m)	0.4 fc (5 lx)	28.7' (8.7 m)	37.1' (11.3 m)

## dFresco-9 ZDT Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 29.2°	Horizontal 30.3°
4' (1.2 m)	19 fc (203 lx)	2' (0.6 m)	2.2' (0.7 m)
8' (2.4 m)	5 fc (60 lx)	4' (1.3 m)	4.3' (1.3 m)
12' (3.7 m)	2 fc (23 lx)	6' (1.9 m)	6.5' (2.0 m)
16' (4.9 m)	1.2 fc (13 lx)	8' (2.5 m)	8.7' (2.7 m)
20' (6.1 m)	0.8 fc (9 lx)	10' (3.2 m)	10.8' (3.3 m)
24' (7.3 m)	0.5 fc (5 lx)	13' (3.9 m)	13' (3.9 m)

## dFresco-9 ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 52.3°	Horizontal 54.1°
4' (1.2 m)	7.6 fc (82 lx)	4' (1.2 m)	4' (1.3 m)
8' (2.4 m)	1.9 fc (21 lx)	8' (2.4 m)	8' (2.5 m)
12' (3.7 m)	0.9 fc (10 lx)	12' (3.6 m)	12' (3.8 m)
16' (4.9 m)	0.5 fc (5 lx)	16' (4.8 m)	16' (5.0 m)
20' (6.1 m)	0.3 fc (3 lx)	20' (6.0 m)	20' (6.2 m)
24' (7.3 m)	0.2 fc (2 lx)	24' (7.2 m)	25' (7.5 m)

Note: Photometric data displayed using a 2,700K CCT.

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