TYPE

CATALOG #

PROJECT

NOTES

LED DIRECTIONAL LUMINAIRE
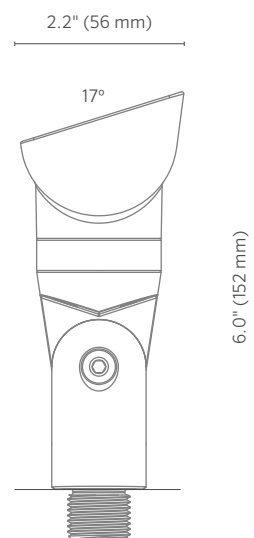
dFresco-7a

Medium-sized wall wash in 1 LED.
Available in aluminum construction.

Quick Facts

- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Cree® integrated LEDs
- ProAim® adjustability

- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase or Luxor dimmable
- Input voltage: 10–15 Vac/Vdc

2.2" (56 mm)

17°

6.0" (152 mm)

dFresco-7a SPECIFICATIONS

Output	1 LED
Total Lumens†	73
Input Voltage	10 to 15 V
Input Power	2.0 W
Power Consumption (VA)	2.4 W
Efficacy (Lumens/Watt)	37
Color Rendering Index (CRI)	85
Center Beam Candlepower*	36
Dimming	
Primary Dimming (transformer)	Consult transformer specifications
Secondary Dimming (fixture)	Phase**, Luxor
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
Minimum Rated Life L90 B10 (hrs)	55,000

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

**For optimal performance, use a trailing-edge (reverse phase-cut) dimmer.

Lumascape

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 lumascape.com.

Materials

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

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 upgradable and replaceable, the LEDs are rated to 55,000 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. Color temperature lenses field serviceable. Beam angle is calculated using the LM–79 method for SSL luminaires.

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); 300 V; 5' (1.5 m) length.

Power

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

Housing

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

Shroud

Die-cast brass shroud with 17° cutoff.

Lens

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

Knuckle

Die-cast aluminum knuckle with ½"–14 NPSM threads. Compress and lock features prevent slip after installation. 9° increments of adjustability over 220° of vertical adjustment.

Finish

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

Hardware

Uses ¼"–20 x ¾" stainless steel angle lock 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

2.4 lbs (1.1 kg)

Control

ZDClink® utilizes Luxor technology to zone light fixtures in up to 250 groups and dim each group in 1% increments between 0 and 100%. Select the ZD option for zoning/dimming. Standard fixture 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.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 when used with Ground Mount ("GM-XX") or alternate mount greater than or equal to IP65.

Warranty

5-year limited warranty

Listings

cULus LISTED 3YJ8 · RoHS COMPLIANT · CE · ⌖ · IP65

Find more product resources at lumascape.com

dFresco-7a ORDERING INFORMATION

Luminaire	Luxor Option	Output	Finish			
dFRS-7a*	■ **[default]** *Zone*	■ **1LED** *67 Lumens*	■ **BL** *Black*		■ **DA** *Dark Aluminum*	
	■ **ZD** *Zone/Dim*		■ **SL** *Anodic Silver*		■ **BT** *Basalt Gray*	
			■ **LT** *Latte*		■ **DB** *Dark Bronze*	
			■ **AG** *Anthracite Gray*		■ **CC** *Custom RAL*	
			■ **WT** *White*			

EXAMPLE LUMINAIRE CONFIGURATION: dFRS-7a-ZD-1LED-SL†

dFRS-7a	–		–	1LED	–		–	

* Ships with ProAim racheting spike.
† Hyphens are for readability purposes only.

MOUNTING OPTIONS: Specify Separately

Mounts	Code†	
■ **SUPER J-BOX** 2.5" (64 mm x 12" (305mm)	SJ-XX*	
■ **POST MOUNT** 2.5" (64 mm) x 13" (330 mm)	PM-XX*	
■ **GROUND MOUNT** 2.7" (67 mm) Diameter CE	GM-XX*	
■ **VERSABOX®** 2.2" (57 mm) x 1.5" (39 mm)	VB-050-XX*	
■ **MINI J-BOX** 3.5" (89 mm) x 1.3" (34 mm)	MJ-050-XX*	
■ **TREEBOX®** 5.4" (138 mm) x 1.9" (49 mm)	TB-XX*	
■ **GUTTER MOUNT** 4.0" (102 mm) x 4.0" (102 mm)	GM-SS	
■ **WALL PLATES** 3.4" (85 mm) x 5.1" (129 mm)	WP-1G-050-XX*	
■ **WALL PLATES** 5.0" (127 mm) Diameter	WP-RD-050-XX*	
■ **WALL MOUNT** 3.5" (89 mm) x 2.0" (51 mm) Diameter	WM-XX*	

COUPLING OPTIONS: Specify Separately

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

RISER OPTIONS: Specify Separately

Riser	Code†	
■ **RISER** 0.8" (21 mm) Diameter	YY**-R-XX*	
■ **SIGN LIGHT RISER** 0.8" (21 mm) Diameter with 45° Inward Curve	YY**-R-SL-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.

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dFresco-*7a* PHOTOMETRICS

dFresco-7a 1LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 88.5°	Horizontal 90.6°
1.7' (0.5 m)	12.6 fc (136 lx)	3.3' (1.0 m)	3.4' (1.0 m)
3.3' (1.0 m)	3.4 fc (37 lx)	6.4' (2.0 m)	6.7' (2.0 m)
5.0' (1.5 m)	1.5 fc (16 lx)	9.7' (3.0 m)	10.1' (3.1 m)
6.7' (2.0 m)	0.8 fc (9 lx)	13.1' (4.0 m)	13.5' (4.1 m)
8.3' (2.5 m)	0.5 fc (5 lx)	16.2' (4.9 m)	16.8' (5.1 m)
10.0' (3.1 m)	0.4 fc (4 lx)	19.5' (5.9 m)	20.2' (6.2 m)

Note: Photometric data displayed using a 3,900K filter. ZDC option defaults to a wide flood.