



 TYPE

 CATALOG #

 PROJECT

 NOTES

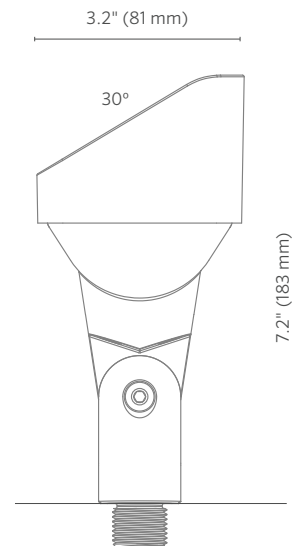
LED DIRECTIONAL LUMINAIRE

dFresco-11a

Substantial wall wash light in 1, 3, 6, or 9 LED.
 Available in aluminum or brass construction. RGBW
 capable with **ZDCLink®** systems.

Quick Facts

- Die-cast aluminum
- Natural or antique brass finishes
- 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



dFresco-11a SPECIFICATIONS

Output	1 LED	3 LED	6 LED	9 LED	ZDC
Total Lumens*	63	154	331	436	192
Input Voltage	10 to 15 V	10 to 15 V	10 to 15 V	10 to 15 V	11 to 15 V
Input Power	2.0 W	4.2 W	10.1 W	11.2 W	9.1 W
Power Consumption (VA)	2.4 W	4.5 W	13.5 W	13.5 W	11.0 W
Efficacy (Lumens/Watt)	31	36	36	37	37
Color Rendering Index (CRI)	83	80	82	79	82
Center Beam Candlepower*	33	79	174	230	193
Dimming					
Primary Dimming (transformer)	Consult transformer specifications				
Secondary Dimming (fixture)	Phase-cut**, Luxor	Phase-cut**, Luxor	Phase-cut**, Luxor	Phase-cut**, Luxor	Luxor
RGBW Available	No	No	No	No	Yes
Luxor Compatibility					
Default	Zoning	Zoning	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	--	Zoning/Dimming/Color
Minimum Rated Life L90 B10 (hrs)	55,000	55,000	55,000	55,000	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).

* Information not available for Flood or Wide Flood.

** 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.

Materials

Die-cast C360 brass housing, shroud, and knuckle/base assembly with brass hardware.

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 brass housing with capacity for 1 LED, 3 LED, 6 LED, 9 LED, or ZDC integrated LEDs.

Shroud

Die-cast brass shroud with 30° cutoff.

Lens

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

Knuckle

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

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 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

3.8 lbs (1.7 kg)

Installation Requirements

Designed for installation in the upward direction only.

Control

ZDLink 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 ZDLink.

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 60598-1and IEC 60598-2-7 by selecting the "e" version.

Warranty

5-year limited warranty

Listings



dFresco-11a ORDERING INFORMATION

Luminaire	Luxor Option	Output	Compliance	Finish	
dFRS-11a*	■ [default] Zone	■ 1LED 63 lm	■ [default] ½" (13 mm) NPSM thread, UL-Listed	■ BL Black	■ DA Dark Aluminum
	■ ZD Zone/Dim	■ 3LED 154 lm	■ e Bracket Mount CE-Approved	■ SL Anodic Silver	■ BT Basalt Gray
		■ 6LED 331 lm		■ LT Latte	■ DB Dark Bronze
		■ 9LED 436 lm		■ AG Anthracite Gray	■ CC Custom RAL
	■ ZDC Zone/Dim/Color	■ [default] 192 lm		■ WT White	





EXAMPLE LUMINAIRE CONFIGURATION: dFRS-11-ZD-3LED-BL†

dFRS-11a - - - -


* Ships with ProAim ratcheting spike.

† Hyphens are for readability purposes only.

MOUNTING OPTIONS: Specify Separately

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*	

RISER OPTIONS: Specify Separately

Riser	Code†	
■ RISER 1.0" (25 mm) Diameter	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-11a PHOTOMETRICS

dFresco-11a 1 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 86.5°	Horizontal 93.7°
4' (1.2 m)	2.0 fc (23 lx)	7.5' (2.3 m)	8.5' (2.6 m)
8' (2.4 m)	0.5 fc (5 lx)	15.0' (4.6 m)	17.1' (5.2 m)
12' (3.7 m)	0.2 fc (2 lx)	22.5' (6.9 m)	25.6' (7.8 m)
16' (4.9 m)	0.1 fc (1 lx)	30.0' (9.1 m)	34.1' (10.4 m)
20' (6.1 m)	0.1 fc (1 lx)	37.5' (11.4 m)	42.7' (13.0 m)
24' (7.3 m)	0.1 fc (1 lx)	45.0' (13.7 m)	51.2' (15.6 m)

dFresco-11a 3 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 84.5°	Horizontal 95.4°
4' (1.2 m)	4.9 fc (53 lx)	7.3' (2.2 m)	8.8' (2.7 m)
8' (2.4 m)	1.2 fc (13 lx)	14.5' (4.4 m)	17.6' (5.4 m)
12' (3.7 m)	0.6 fc (7 lx)	21.8' (6.7 m)	26.4' (8.1 m)
16' (4.9 m)	0.3 fc (3 lx)	29.0' (8.8 m)	32.2' (9.8 m)
20' (6.1 m)	0.2 fc (2 lx)	36.3' (11.1 m)	44.0' (13.4 m)
24' (7.3 m)	0.1 fc (1 lx)	43.6' (13.3 m)	52.8' (16.1 m)

dFresco-11a 6 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 81.5°	Horizontal 94.0°
4' (1.2 m)	10.7 fc (115 lx)	6.9' (2.1 m)	8.6' (2.6 m)
8' (2.4 m)	2.7 fc (29 lx)	13.8' (4.2 m)	17.2' (5.2 m)
12' (3.7 m)	1.2 fc (13 lx)	20.7' (6.3 m)	25.7' (7.8 m)
16' (4.9 m)	0.7 fc (8 lx)	27.6' (8.4 m)	34.3' (10.5 m)
20' (6.1 m)	0.4 fc (4 lx)	34.4' (10.5 m)	42.9' (13.1 m)
24' (7.3 m)	0.3 fc (3 lx)	41.3' (12.6 m)	51.5' (15.7 m)

dFresco-11a 9 LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 81.7°	Horizontal 90.9°
4' (1.2 m)	14.4 fc (155 lx)	6.9' (2.1 m)	8.1' (2.5 m)
8' (2.4 m)	3.6 fc (39 lx)	13.8' (4.2 m)	16.3' (5.0 m)
12' (3.7 m)	1.6 fc (17 lx)	20.7' (6.3 m)	24.4' (7.4 m)
16' (4.9 m)	0.9 fc (10 lx)	27.6' (8.4 m)	32.5' (9.9 m)
20' (6.1 m)	0.6 fc (7 lx)	34.4' (10.5 m)	40.7' (12.4 m)
24' (7.3 m)	0.4 fc (4 lx)	41.3' (12.6 m)	48.8' (14.9 m)

dFresco-11a ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candles (Lux)	Vertical 38.1°	Horizontal 40.2°
4' (1.2 m)	10.8 fc (116 lx)	2.8' (0.9 m)	2.9' (0.9 m)
8' (2.4 m)	2.7 fc (29 lx)	5.5' (1.7 m)	5.9' (1.8 m)
12' (3.7 m)	1.2 fc (13 lx)	8.3' (2.5 m)	8.8' (2.7 m)
16' (4.9 m)	0.7 fc (8 lx)	11.0' (3.4 m)	11.7' (3.6 m)
20' (6.1 m)	0.4 fc (4 lx)	13.8' (4.2 m)	14.6' (4.5 m)
24' (7.3 m)	0.3fc (3 lx)	16.6' (5.1 m)	17.6' (5.4 m)

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

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