

## LED1000 LED FRESNEL SERIES



The performance of a high-output tungsten or hmi fresnel comes together with the advantages of LED technology in the Dracast LED FRESNEL Series. The Dracast Fresnel1000 is a powerful DMX-controlled studio fixture that incorporates cutting-edge technology to provide all the benefits of LED lighting in the classic Fresnel design. This means that our fresnel series provides tremendous light output while using very little power and releasing very little heat. Add to this a completely silent, passive, heat-sink cooling system, and the Dracast Fresnel series is perfectly suited for any major studio application.

FRESNEL Series LEDs are currently available in two sizes: the Fresnel 1000, and the Fresnel 2000. The Fresnel 1000 has the output of a traditional 1K while only using 100 W. The larger Fresnel 2000 brings all the power of a traditional 2K while using just 200 W.

Like other fixtures from Dracast, the FRESNEL Series is available in three color temperature models: 3200K (Tungsten), 5600K (Daylight), and 3200K - 5600K (Variable CCT). All three versions deliver continuous 0 - 100% dimming and excellent color rendition across the color spectrum with 95 CRI Cree Surface Mount LEDs.

Additionally, FRESNEL Series lights can be controlled remotely via 3-pin DMX in/out ports or locally with on-board controls. Each FRESNEL Series light includes 4-way barndoors and mounting yoke, making it an all-inclusive fixture. FRESNEL Series lights are also built to the same exacting standards as the rest of the Dracast line, and are built entirely on an aluminum alloy frame and chassis, ensuring that they're built to last.

Photometric Data	6 ft / 1.8 m	12 ft / 3.7 m	18 ft / 5.4 m
LED1000 FRESNEL SERIES 5600K DRS-FLED1000-D	394 fc @ 15°	100 fc @ 15°	45 fc @ 15°
	149 fc @ 60°	37 fc @ 60°	17 fc @ 60°
	4250 lux @ 15°	1080 lux @ 15°	480 lux @ 15°
	1600 lux @ 60°	400 lux @ 60°	180 lux @ 60°
LED1000 FRESNEL SERIES 3200K DRS-FLED1000-T	300 fc @ 15°	67 fc @ 15°	32 fc @ 15°
	116 fc @ 60°	29 fc @ 60°	10 fc @ 60°
	3230 lux @ 15°	720 lux @ 15°	340 lux @ 15°
	1250 lux @ 60°	310 lux @ 60°	105 lux @ 60°
LED1000 FRESNEL SERIES 3200K - 5600K DRS-FLED1000-B	321 fc @ 15°	80 fc @ 15°	35 fc @ 15°
	118 fc @ 60°	30 fc @ 60°	14 fc @ 60°
	3450 lux @ 15°	860 lux @ 15°	380 lux @ 15°
	1270 lux @ 60°	320 lux @ 60°	150 lux @ 60°

Part No.	Included
DRS-FLED1000-D	LED1000 Fresnel Series 5600K Daylight, 5/8" Baby Pin Aluminum Mounting Yoke, 4 Way Barn Doors, A/C Power Cable
DRS-FLED1000-T	LED1000 Fresnel Series 3200K Tungsten, 5/8" Baby Pin Aluminum Mounting Yoke, 4 Way Barn Doors, A/C Power Cable
DRS-FLED1000-B	LED1000 Fresnel Series 3200K - 5600K Bi-Color, 5/8" Baby Pin Aluminum Mounting Yoke, 4 Way Barn Doors, A/C Power Cable



## Specifications Details

Optical System	42, Surface Mounted CREE LEDs in 6 x 7 arrangement.
Light Aperture	6.8 inches (174 mm)
Beam Angle	15° - 60° Adjustable Beam Angle
Weight	17 lbs (7.7 kg)
Handling	Single-Side Clutch Plate Tilt Adjustment Handle.
Mounting	5/8" Baby Pin Aluminum Mounting Yoke
Tilt Angle	90°
Voltage Input	24 V DC
Power Consumption	100 W
Power Connection	110 - 240 VAC, 50 - 60 Hz, 2.0 A
Heat Management	Passive Heat Sink Cooling System
On Board Fan	No
Battery Powered	No
Color Temperature	3200K - 5600K (Variable or fixed color temperature depending on model)
Color Rendition	CRI > 95
Dimming	0 - 100% Continuous
Controls	Local On-Board Manual Controls / 3 Pin DMX In / Out
Housing Color	Blue / Black
Housing Build	Aluminum Alloy
Est. LED Lifetime	50,000 hours

## Available Accessories

CHIMERA-9203	Speed Ring for Chimera Softbox to fit Dracast FRESNEL Series
CHIMERA-8124-LH	Chimera Softbox to fit Dracast FRESNEL Series (Requires CHIMERA-9203)
DLS-805	Dracast Portable Light Stand