

# LEO LED Fresnel, 200W



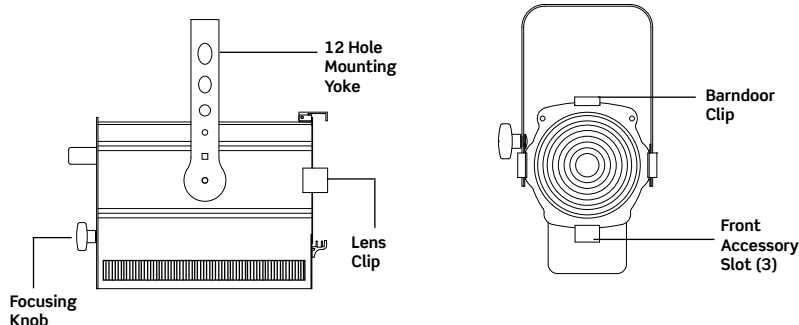
**DESCRIPTION**

The Leviton LEO LED Fresnel is suitable for theaters and TV studios and reduces energy costs using the latest high-efficient LED module and PWM dimming power source. The 200 Watt, white light dimming Fresnel spotlight provides high lumen output and close-to-skin tone color rendering. The fixture features an intuitive dialing control knob and a 2.8" LCD screen showing the DMX address, LED engine temperature, dimming value, show and control modes and at a glance for easy and direct operations

**APPLICATIONS**

- Theaters
- Houses of worship
- TV studios
- Multi-purpose venues
- Concerts

**FEATURES DIAGRAM**

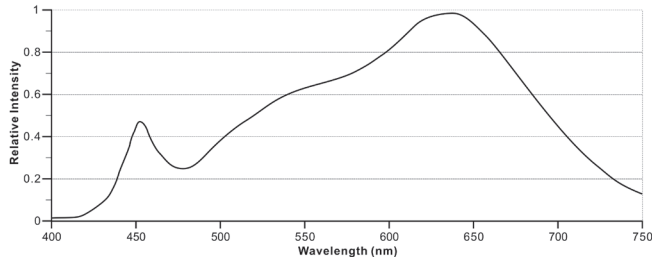


**FEATURES**

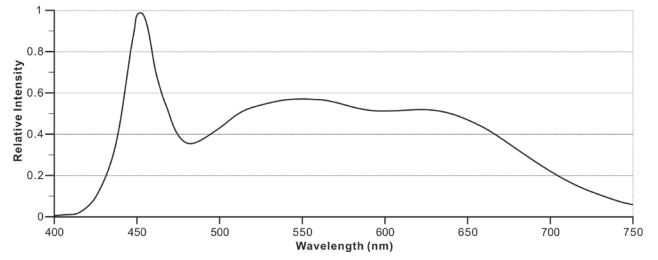
- Circular light beam similar to Tungsten halogen fixtures
- Excellent skin tone rendering
- Available in warm white and daylight color temperatures
- Guaranteed color consistency between units and over time
- High-performance LED fixture
- High quality light output
- No multi-color shadows
- Optical zoom models with 8-22° cone of light adjustable field angles
- 1-5 channel DMX control
- ETL, cETL, CE listed
- RDM compatible

**LEO LED Fresnel, 200W**

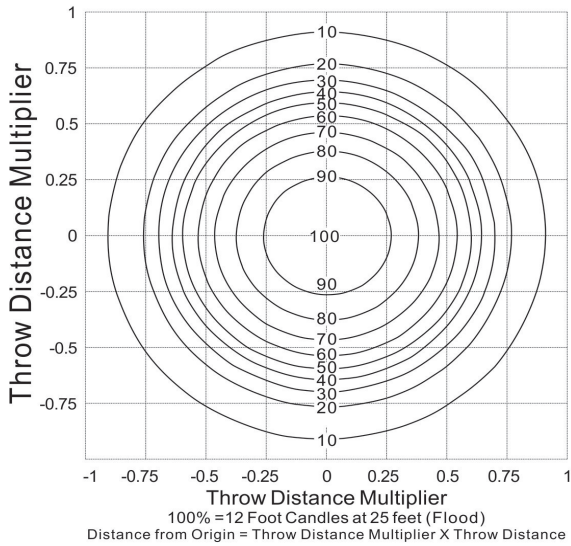
**SPECTRAL DISTRIBUTION—3200K**



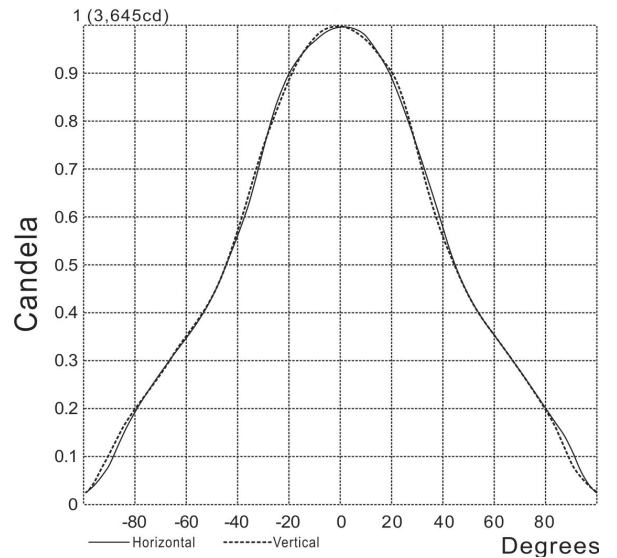
**SPECTRAL DISTRIBUTION—5600K**



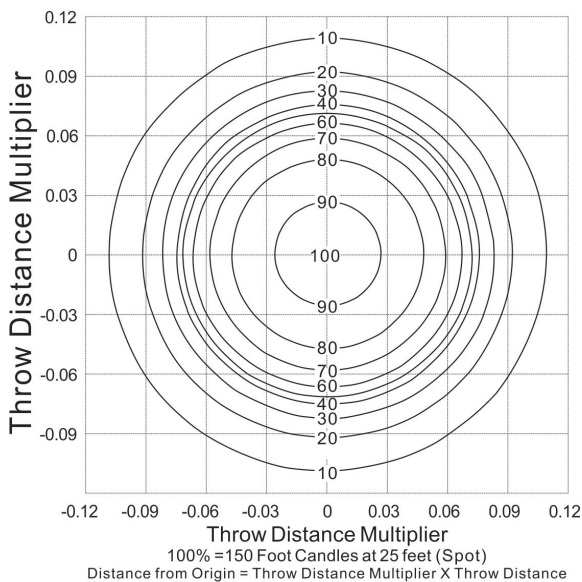
**ISO-FOOTCANDLE PLOT COSINE—FLOOD**



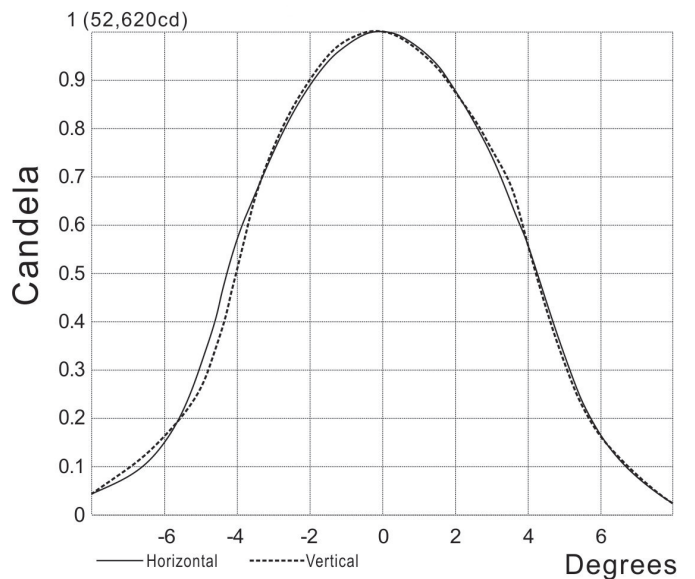
**CANDELA PLOT—FLOOD**



**ISO-FOOTCANDLE PLOT COSINE—SPOT**

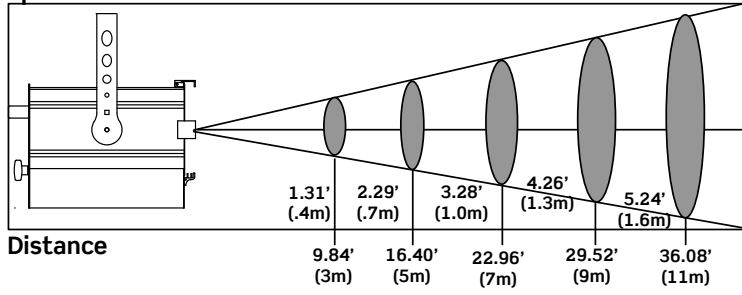


**CANDELA PLOT—SPOT**

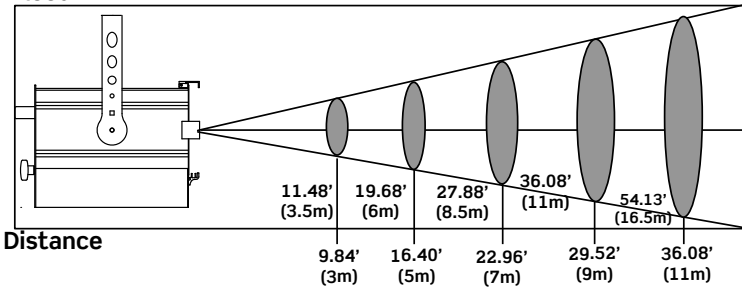


**PHOTOMETRIC DATA**

**Spot**



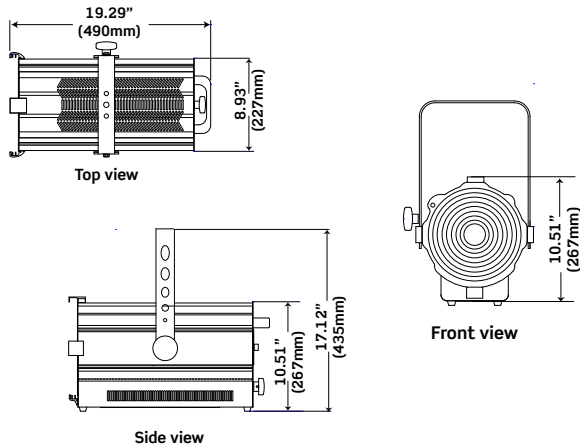
**Flood**



**PHOTOMETRIC DISTANCE**

Spot	DISTANCE									
	9.84' (3m)		16.40' (5m)		22.96' (7m)		29.52' (9m)		36.08' (11m)	
	FC	Lux	FC	Lux	FC	Lux	FC	Lux	FC	Lux
3,200K	839	9033	302	3252	154	1659	93	1004	62	672
5,600K	973	10475	350	3771	178	1924	108	1164	72	779
Flood	9.84' (3m)		16.40' (5m)		22.96' (7m)		29.52' (9m)		36.08' (11m)	
	FC	Lux	FC	Lux	FC	Lux	FC	Lux	FC	Lux
3,200K	63	681	22	245	11	125	7	76	5	51
5,600K	77	836	28	301	14	154	8	93	5	62

**DIMENSIONS**



**SPECIFICATIONS**

<b>MECHANICAL</b>	
Construction	Extruded aluminium alloy and steel plates for a lightweight and rigid construction
Paint/Finish	Black epoxy-polyester and anodized powder paint
Mounting	1/2" standard and offset
Lens	7.87" (200mm) Fresnel lens
Color frame	Metal, 9.64" x 9.64" (245mmx245mm), black
<b>ELECTRICAL</b>	
Light source	200W LED array, white
Power input	100-260VAC, 50/60 Hz, powerCON locking 3 pole connector, blue
Power output/Feed through	powerCON locking 3 pole connector, 8A max, white
Power consumption	205W at full power, 3W in sleep mode
Cable	2m, 3x1.5mm <sup>2</sup> flexible cable to bare ends
Compliance	ETL, cETL, CE
<b>OPERATION</b>	
Working position	Max tilting +45° to -90° from horizontal
Focus adjustment	Screw focus with rear control knobs
Field angle	8-60° (half peak angle)
Beam shaping	Barn door accessory
RDM	ANSI E1 .20-2006 RDM
Input DMX signal loss	Last scene hold
Dimming	0-100%, DMX or local dimming knob control
LED temperature	Built-in sensor real time monitoring and adjustment
Fan speed control	Automatically adjustable or 4 fan speed levels
Built-in effects	(8) flash and fade effects
<b>LED TYPE</b>	
200W X 1	White LED light engine or module, 50,000 hours at 77° F (25°C) max
Beam color temperature	3200K and 5600K
Color Rendering Index (CRI)	92 CRI
<b>ENVIRONMENTAL</b>	
Operation humidity	5-95% non-condensing
Operation temperature	32-95° F (0-35°C)
<b>OTHER</b>	
Accessories	Safety bond, metal color frame, safety guard
Weight	19.62lbs (8.9kg)
<b>ORDERING</b>	
LFD20-30B	LEO LED Fresnel, 3200K, 200W, powerCON input & output, supplied with PBG power cable and gel frame, includes color frame, safety guard, safety cable and 36" cord with NEMA 5-15 (Edison/PBG) Plug
LFD20-50B	LEO LED Fresnel, 5600K, 200W, powerCON input & output, supplied with PBG power cable and gel frame, includes color frame, safety guard, safety cable and 36" cord with NEMA 5-15 (Edison/PBG) Plug

LEO LED Fresnel, 200W

**Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation**

20497 SW Teton Avenue, Tualatin, OR 97062 **tel** 800-736-6682 **fax** 503-404-5594 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

**Leviton Manufacturing Co., Inc. Global Headquarters**

201 North Service Road, Melville, NY 11747-3138 **tel** 800-323-8920 **fax** 800-832-9538 **tech line** (8:30AM-7:00PM ET Mon-Fri) 800-824-3005

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