

LEO LED Fresnel, 320W



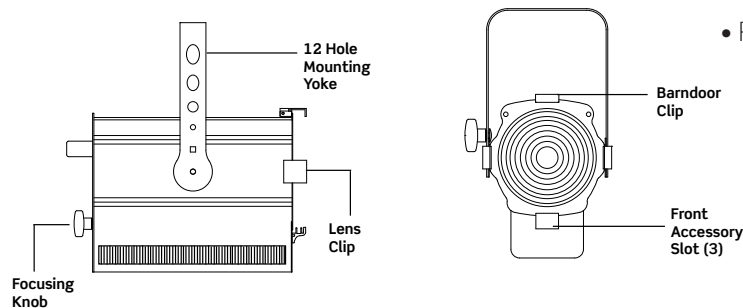
DESCRIPTION

The Leviton LEO LED Fresnel is a compact, light weight fixture suitable for small TV studios, stage and multi-purpose venues with limited ceiling space. The 320 Watt, white light output 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 at-a-glance for easy and direct operations.

APPLICATIONS

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

FEATURES DIAGRAM

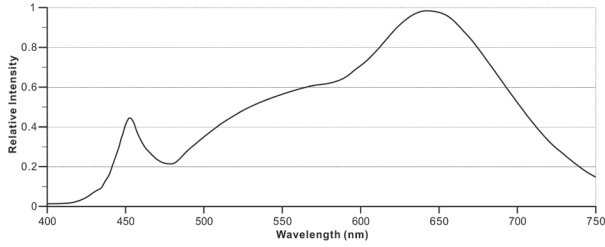


FEATURES

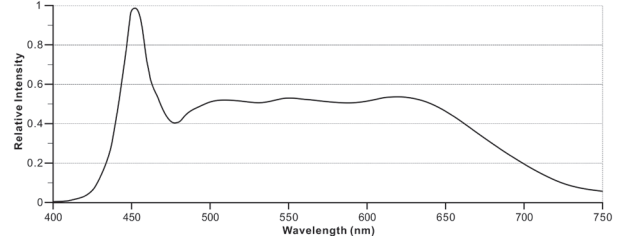
- Circular light beam similar to Tungsten halogen fixtures
- Available in warm white and daylight color temperatures
- Guaranteed color consistency between units and over time
- High-performance LED fixture
- Real-time temperature monitoring to extend LED life; LNE/safe mode operation for forced high brightness when required
- 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, 320W

SPECTRAL DISTRIBUTION—3200K



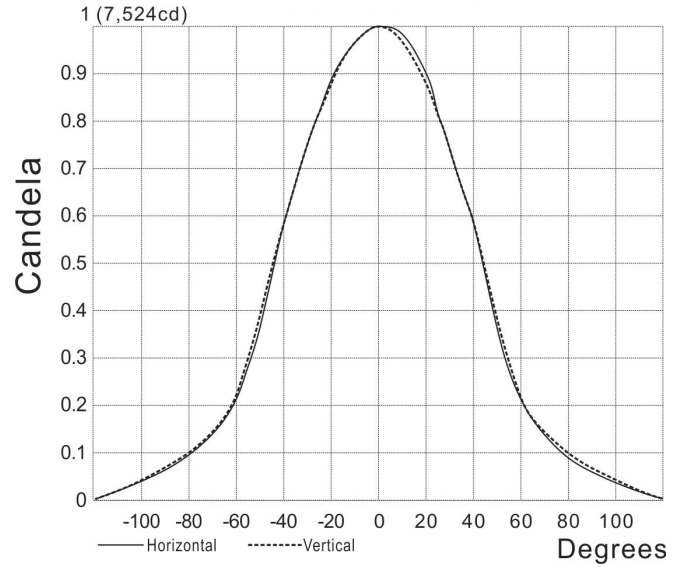
SPECTRAL DISTRIBUTION—5600K



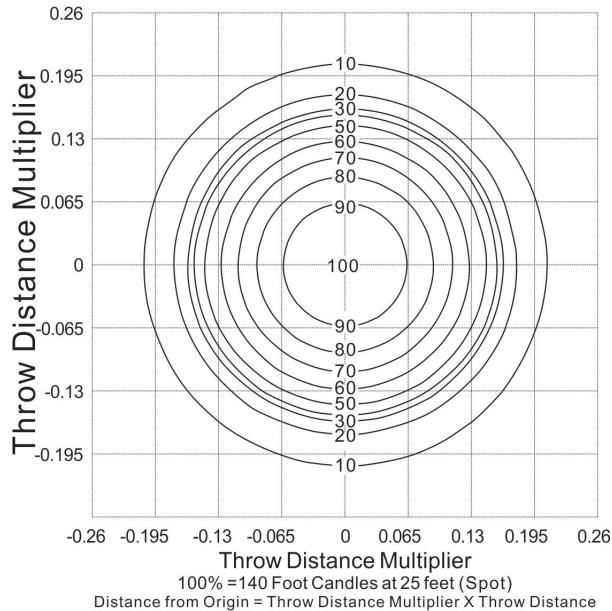
ISO-FOOTCANDLE PLOT COSINE—FLOOD



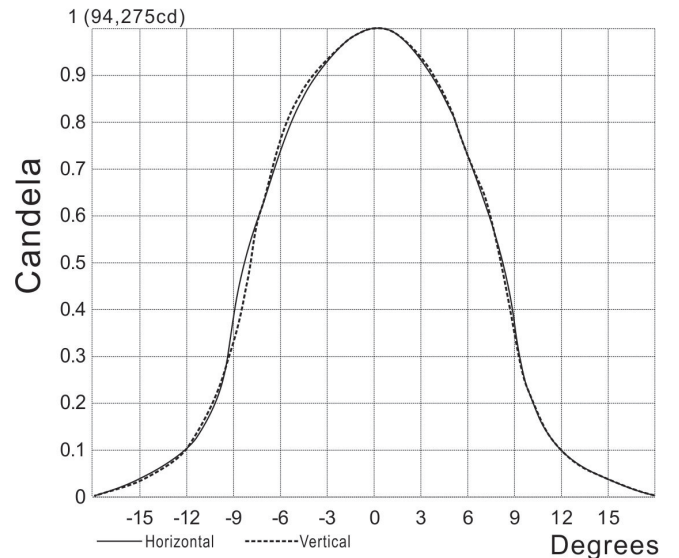
CANDELA PLOT—FLOOD



ISO-FOOTCANDLE PLOT COSINE—SPOT

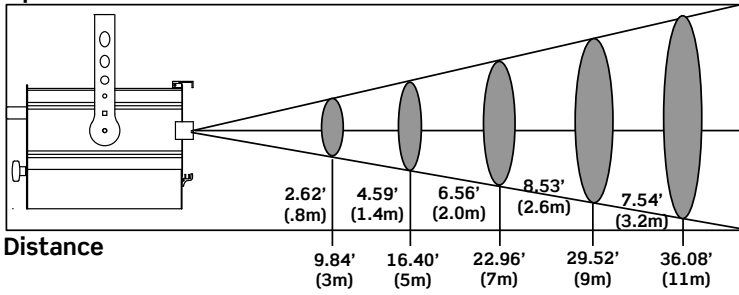


CANDELA PLOT—SPOT

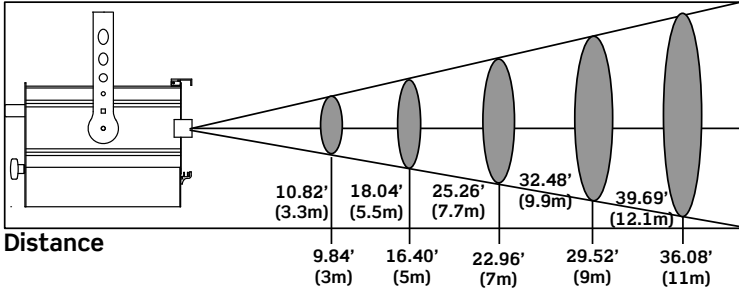


PHOTOMETRIC DATA

Spot



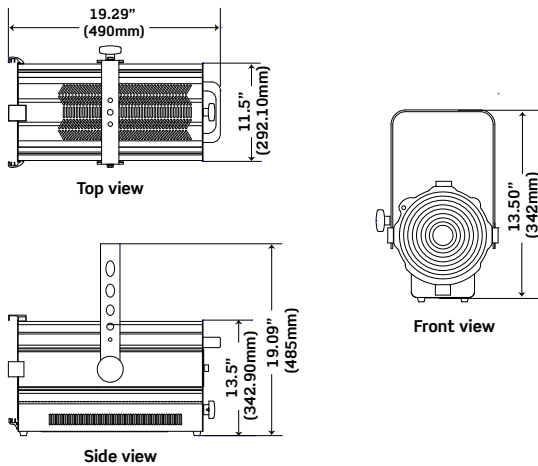
Flood



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	742	7988	267	2876	136	1467	82	888	55	594
5,600K	908	9778	327	3520	166	1796	100	1086	67	727
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	141	1520	50	547	25	279	15	169	10	113
5,600K	166	1796	60	647	30	325	18	200	12	134

DIMENSIONS



SPECIFICATIONS

MECHANICAL	
Construction	Extruded aluminium alloy and steel plates for a lightweight and rigid construction
Paint/Finish	Black epoxy-polyester powder paint and anodizing, available in white, custom order
Mounting	1/2" standard and offset
Lens	9.84" (250mm) Fresnel lens
Color frame	Metal, 12" x 12" (305mmx305mm), black
Lens access	Hinged cover on top of lamp tube
ELECTRICAL	
Light source	320W LED array, white, 3,200K or 5,600K, CRI 90+
Power input	100-240VAC, 50/60 Hz, PowerCon, locking 3 pole connector, blue
Power output/Feed through	powerCON locking 3 pole connector, 8A max, white
Power consumption	360W at full power, 5W in sleep mode
Cable	2m, 3 x 1.5mm ² flexible cable to bare ends
Compliance	ETL, cETL, CE
OPERATION	
Working position	Max tilting +45 to -90° from horizontal
Focus adjustment	Screw-focus with rear control knobs
Field angle	16-58° (half peak angle)
Beam shaping	Barn door accessory
DMX channels	1 dimming channel, 4 optional control attributes
RDM	ANSI E1 .20-2006 RDM
Dimming	0-100% better than 10,000:1, 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 with forced quiet mode
Built-in effects	8; manual or remote control
LED TYPE	
320W X 1	White LED light engine or module, 50,000 hours at 77° F (25°C) max
Beam color temperature	3200K or 5600K
Color Rendering Index (CRI)	90+ CRI
ENVIRONMENTAL	
Operation humidity	5-95% non-condensing
Operation temperature	32-95° F (0-35°C)
OTHER	
Accessories	Safety bond, metal color frame, safety guard
Weight	27.55lbs (12.5kg)
ORDERING	
LFD32-30B	LEO LED Fresnel, 320W, 3200K, 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, color: black
LFD32-50B	LEO LED Fresnel, 320W, 5600K, 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, color: black

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