

# LEO LED Ellipsoidal Zoom Fixture, 30-55° Field Angle



**DESCRIPTION**

The Leviton LEO LED Ellipsoidal Zoom Fixture for stage offers exceptional performance with a highly engineered optical system. The fixture reduces energy costs with a high-efficient LED module and PWM dimming power source. This narrow-angle, 200W high lumen output, white LED profile spotlight includes a high-specification double condenser optical system for clean, crisp gobo projection.

Operations are easy and direct with an intuitive rotary control knob and a 2.8" LCD screen showing the DMX address, LED engine temperature, dimming value and show and control modes.

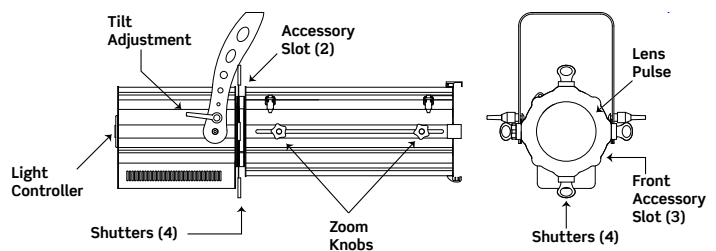
**APPLICATIONS**

- Theaters
- Studios
- Concerts
- Front-of-house positions
- On-stage positions
- Side booms

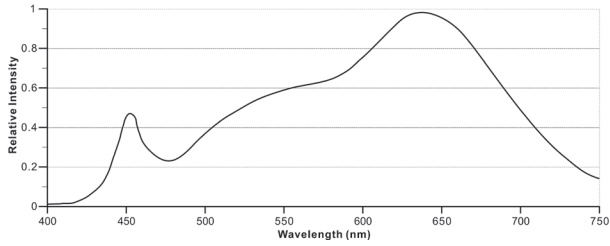
**FEATURES**

- Covers a 30-55° field angle
- Excellent skin tone rendering
- Available in warm white and daylight color temperatures
- High-performance LED fixture
- High quality light output
- Real time temperature monitoring to extend LED life; LNE/safe mode operation for forced high brightness when required
- Gel rendering—similar to Tungsten lamp fixtures
- Guaranteed color consistency between units and over time
- Two color temps: 3,200K or 5,600K
- High-frequency, no flickering on video
- 4 blade shutters
- Easy access door for lens cleaning
- 5-pin DMX input, PowerCon input and feed through
- 1-5 channel DMX control
- RDM compatible for precise monitoring
- Available in warm white and daylight color temperatures
- ETL, CETL, CE listed

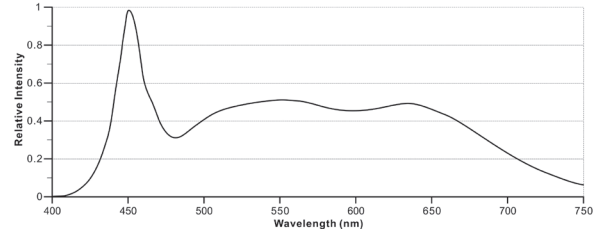
**FEATURES DIAGRAM**



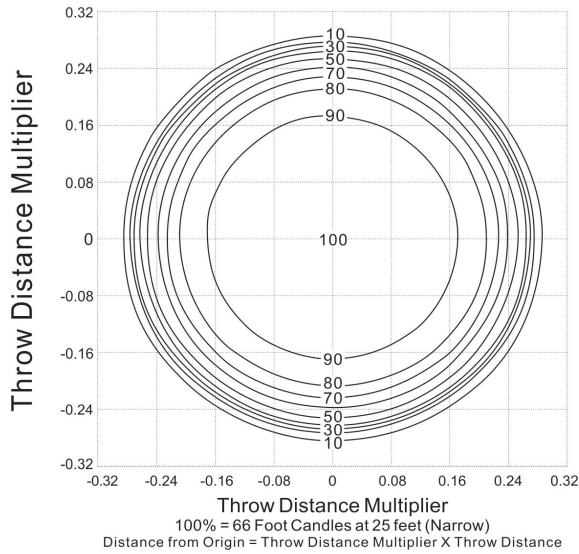
**SPECTRAL DISTRIBUTION—3200K**



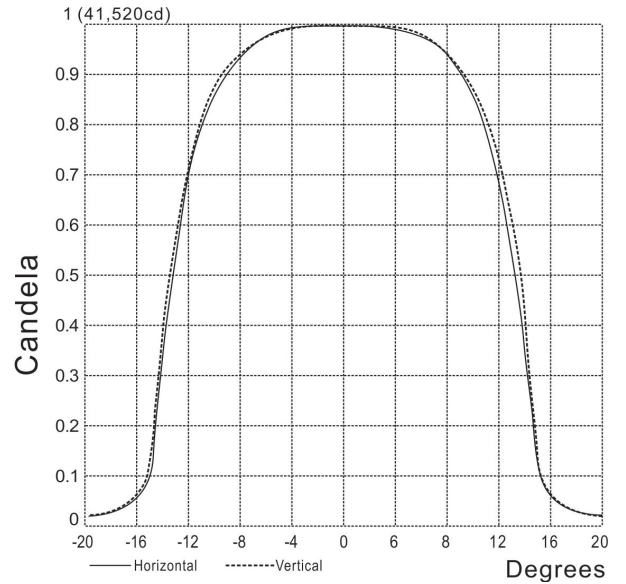
**SPECTRAL DISTRIBUTION—5600K**



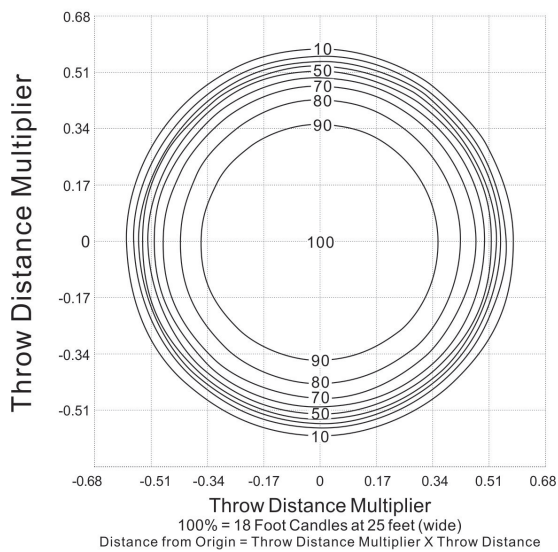
**ISO-FOOTCANDLE PLOT—FLOOD**



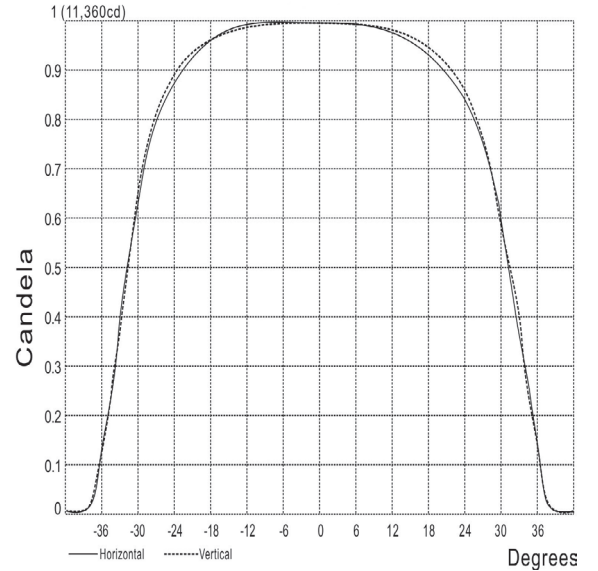
**CANDELA PLOT—FLOOD**



**ISO-FOOTCANDLE PLOT—SPOT**

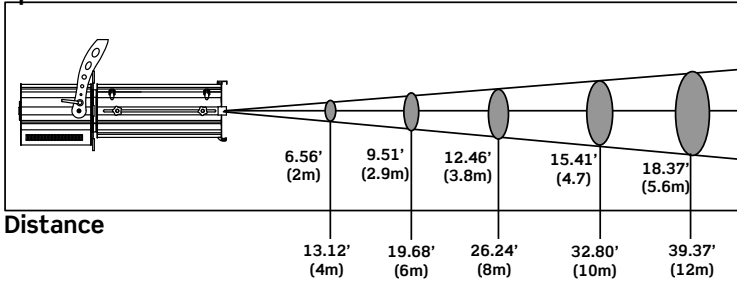


**CANDELA PLOT—SPOT**

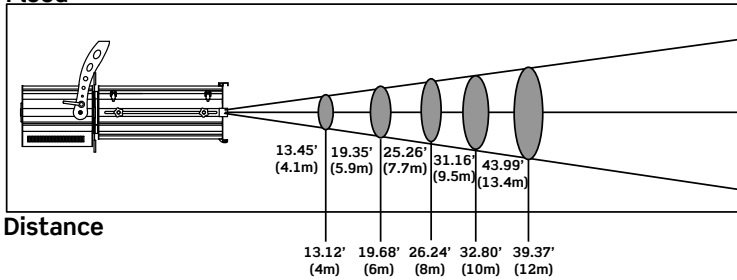


**PHOTOMETRIC DATA**

**Spot**



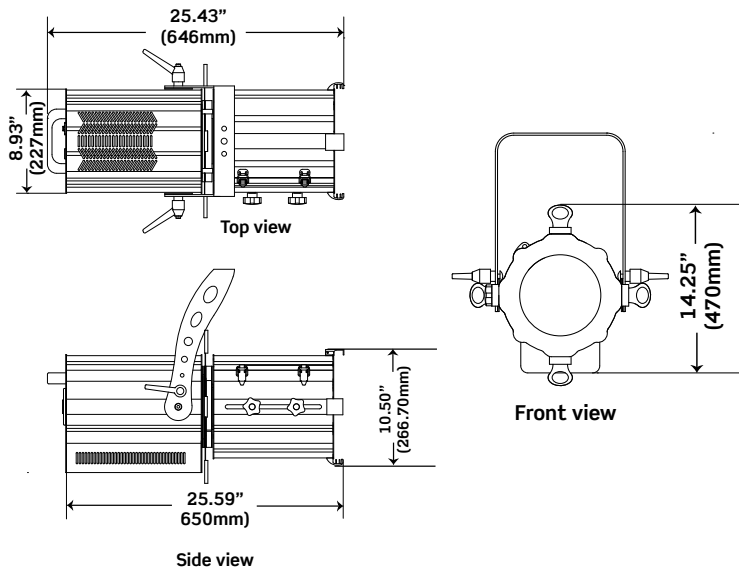
**Flood**



**PHOTOMETRIC DISTANCE**

Spot	DISTANCE									
	13.12' (4m)		19.68' (6m)		26.24' (8m)		32.80' (10m)		39.37' (12m)	
	FC	Lux	FC	Lux	FC	Lux	FC	Lux	FC	Lux
3,200K	200	2163	89	961	50	541	32	346	22	240
5,600K	241	2595	107	1153	60	649	38	415	26	288
Flood	13.12' (4m)		19.68' (6m)		26.24' (8m)		32.80' (10m)		39.37' (12m)	
	FC	Lux	FC	Lux	FC	Lux	FC	Lux	FC	Lux
3,200K	54	587	24	261	13	147	9	94	6	65
5,600K	65	710	29	316	16	178	10	114	7.3	79

**DIMENSIONS**



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

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**SPECIFICATIONS**

<b>MECHANICAL</b>	
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" mounting hole for center and offset mounting using balanced and curved yoke
Lens tube	50° rotating lens tube, gate and accessories holder
Accessory slots	3 for gobos, iris, etc.
Color frame	Metal, 9.64" x 9.64" (245mmx245mm), black
Gobo frame	Supported size "B" gobo frame (W 3 3/4", open 2 3/4") works with steel, glass, dichroic, printed and laser printed gobos
Lens access	Hinged cover on top of lamp tube
<b>ELECTRICAL</b>	
Light source	200W LED array, white, 3,200K or 5,600K, CRI 90+
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	227W at full power, 9W in sleep mode
Cable	Paired with 36" PBG cable, stage pin available
Compliance	ETL, cETL, CE
<b>OPERATION</b>	
Working position	Max tilting +45° -90° from horizontal
Zoom adjustment	Two adjustable knobs on the side of the lamp tube
DMX channels	1-5 depending on configuration
RDM	ANSI E1 .20-2006 RDM
Input DMX signal loss	Last scene hold
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
<b>LED TYPE</b>	
200W X 1	White LED lamp, 50,000 hours at 77° F (25°C) max
Beam color temperature	3200K or 5600K
Color Rendering Index (CRI)	90+ CRI
<b>ENVIRONMENTAL</b>	
Operation humidity	5-95% non-condensing
Operation temperature	32-95° F (0-35°C)
<b>OTHER</b>	
Accessories	Iris, "B" size metal gobo holder (W 3 3/4", open 2 3/4")
Weight	33.06lbs (15kg)
<b>ORDERING</b>	
LED30-LTB	LEO LED Lens Tube, zoom, 30-55° beam angle
LED00-30B*	LEO LED Ellipsoidal Zoom Body, 3,200K, black, requires compatible lens tube, black
LED00-50B*	LEO LED Ellipsoidal Zoom Body, 5,600K, black, requires compatible lens tube, black

\*Purchase lens tube and light engine body separately

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