



LED Fresnel

Model# LT123

200W LED Fresnel Spotlight, Manual Zoom



LT123, 200W LED Fresnel offers versatile illumination with its warm white and cold white LEDs, allowing for adjustable color temperature to suit various production needs. Its manual zoom feature provides precise control over the beam angle, enabling users to easily transition from a tight spot to a wide flood. Delivering high-quality light, this fixture is an excellent choice for theater, film, and studio applications requiring adaptable and powerful lighting with excellent rendering.

TECHNICAL SPECIFICATIONS

Photometric Data

- **Light Source:** 200W COB
- **Color:** CW, WW, CW+WW
- **Color Temperature (CCT):** 3200K, 5600K
- **Color Rendering Index(CRI):** ≥95
- **Color Quality Scale (CQS):** ≥95
- **LED Lifespan:** 50,000 hours
- **Beam Angle:** 10° to 50° (manual zoom)

Dynamic Effect

- **Dimmer Mode:** 0-100% Linear Dimming
- **Zoom:** Manual
- **Strobe Rate:** 1 to 25 Hz

Controls

- **Protocol:** DMX512 with RDM
- **Control Mode:** DMX512, Auto, Master/Slave, Sound Activated
- **Number of DMX Channel:** 2/1 Channel

Electrical

- **Main Power Supply:** 110/220V-AC, 50/60Hz
- **Total Max. Power:** 240W

Connections

- **Power Connectors:** powerCON in/out
- **Data Connectors:** 3- or 5-pin XLR in/out
- **Cable Length (power):** 1.5 m

Thermal

- **Cooling:** PWM silent operate fan
- **Min / Max Ambient :** 0°C / 50°C
- **Max Housing:** 66°C

Construction & Physical

- **Dimension:** 318 x 246 x 340.5 mm
- **Net Weight:** 8.5 kg
- **Body:** Die Cast Aluminum
- **IP Rating:** IP20 Compliant

Certifications / Approvals

- UL, CE, RoHS, FCC, ETL, BIS



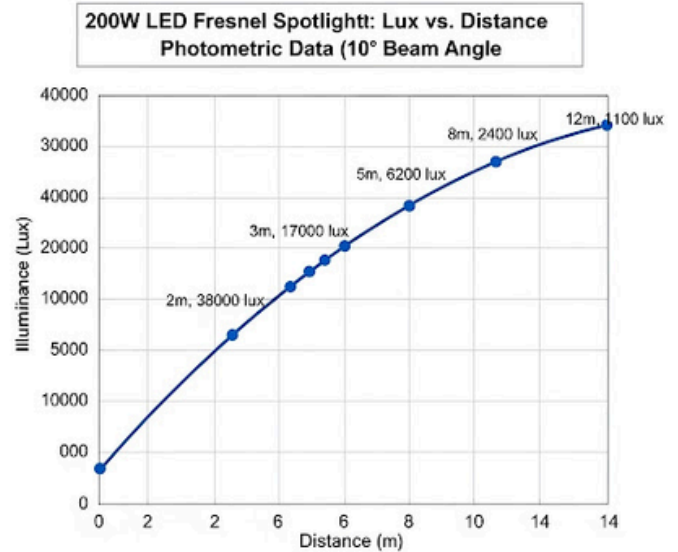
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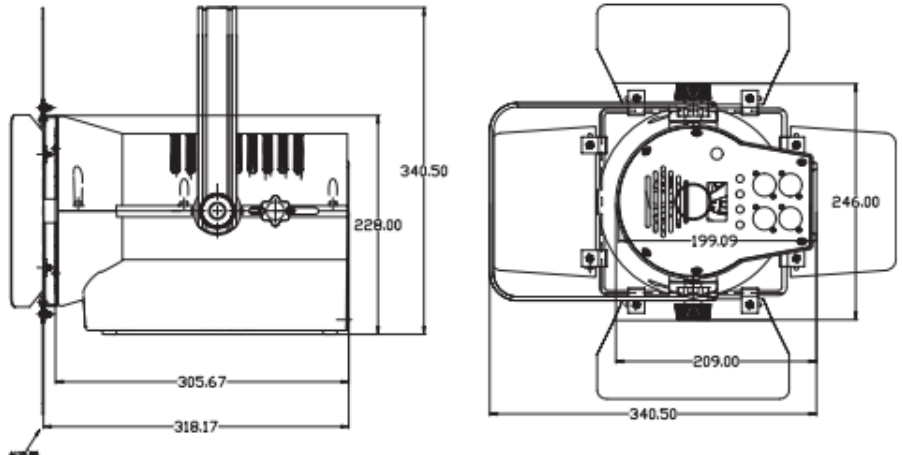
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PHOTOMETRIC DATA (Illuminance)

Photometric data illustrates the illumination performance of a 200W LED Fresnel Spotlight when zoomed to a tight 10° beam angle. As expected, illumination (lux) decreases significantly as the throw distance increases. At a close range of 2 meters, the spotlight delivers a powerful 38,000 lux with a narrow beam diameter of 0.35 meters. Moving to 5 meters, the illumination drops to 6,200 lux, while the beam expands to 0.88 meters. At 12 meters, the light still provides a usable 1,100 lux, with a beam diameter of 2.1 meters. This data highlights the spotlight's ability to maintain considerable intensity over longer distances when in its most focused setting, making it suitable for highlighting specific subjects or long-throw applications.



Mechanical Dimensions



ORDERING INFO

LT123 - - X Y - A B C
-POWER- -COLOR- -OPTION-

Power

150W = 150
200W = 200
300W = 300

Color (XY)

CW = 01
WW = 02
CW+WW = 03

Option A

No Lens = 0
15° Lens = 1
30° Lens = 2

Option B

No Zoom = 0
Manual Zoom = 1
Auto Zoom = 2

Option C

DMX = 0
DMX + RDM = 1
LoraWAN = 2