



# LED Light Bar

Model# LS177  
240W LED Light Bar

LS177, 240W LED Light Bar. LS177 is 72 × 3W LED CW/WW Light Bar is a high-output linear fixture designed for architectural, stage and studio applications. Powered by 72 calibrated cool white and warm white LEDs, it delivers smooth white mixing from warm to cool, with excellent color rendering and consistent output. The advanced optical system provides an even, shadow-free wash, making it suitable for buildings, theatres, concerts, studios and conference rooms.



## TECHNICAL SPECIFICATIONS

### Photometric Data

- **Light Source:** 72 LED, 3W Each
- **Color:** CW, WW, CW+WW
- **Color Temperature Range:** 3200K - 6500K
- **Beam Angle:** 55°-60°
- **Color Rendering Index(CRI):** ≥90
- **LED Lifespan:** 50,000 hours

### Dynamic Effect

- **Dimmer Mode:** 0-100% Linear Dimming
- **Zoom:** None
- **Strobe Rate:** 1 to 20Hz

### Controls

- **Protocol:** DMX512 with RDM
- **DMX Mode:**
  - **Simple Mode-** Basic intensity + CCT
  - **Extended Mode -** Individual Ctrl + Macro
- **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 ~ 280W

### 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

### Construction & Physical

- **Dimension:** 850 × 140 × 180 mm
- **Net Weight:** 8.5 kg
- **Body:** Metal, with Durable Black Paint
- **IP Rating:** IP20 Compliant

### Certifications / Approvals

- UL, CE, RoHS, FCC, ETL, BIS, LM-79

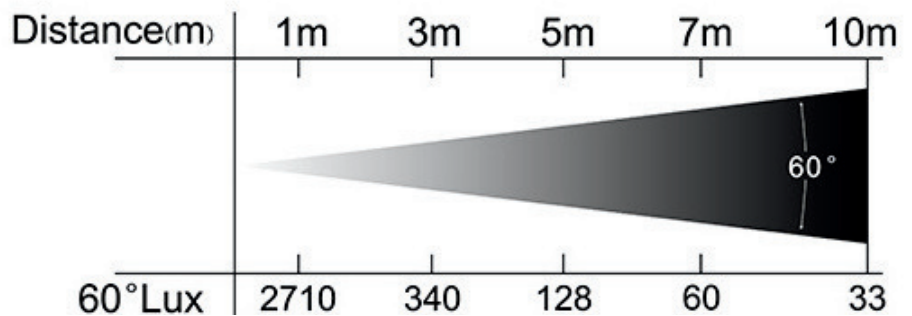


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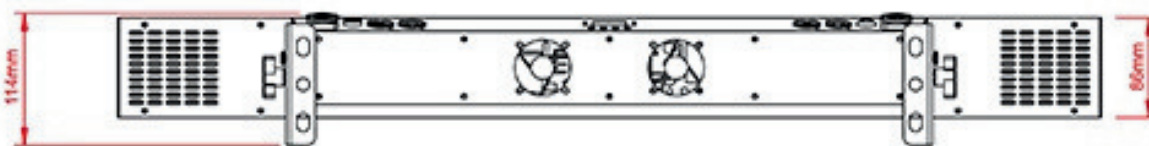
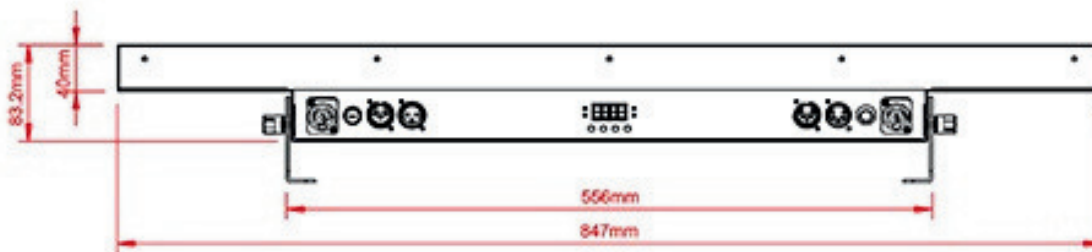
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## PHOTOMETRIC DATA (Illuminance)

Photometric data illustrates the illumination performance of a 240W LED Light Bar, CW+WW with 60° optics provides a wide, soft-edged wash ideal for general illumination and cyclorama lighting. Photometric data for the 60° beam show a center illuminance of 2710 lx at 1 m, falling to 340 lx at 3 m, 128 lx at 5 m, 60 lx at 7 m, and 33 lx at 10 m. At these distances the approximate beam diameters are 1.2 m (1 m), 3.5 m (3 m), 5.8 m (5 m), 8.1 m (7 m) and 11.5 m (10 m), providing broad, even coverage with no harsh hotspot.



## Mechanical Dimensions



## ORDERING INFO

Power  
240W = 240

Option A  
No Lens = 0  
60° Lens = 1

Color (XY)  
CW = 01  
WW = 02  
CW+WW = 03

Option B  
No Zoom = 0

Option C  
DMX = 0  
DMX + RDM = 1

LS177- 2 4 0 - X Y - A B C  
-POWER- -COLOR- -OPTION-