



EUROAMERICA
TEST AND MEASUREMENT SOLUTIONS

IES 4438 LED Lamp

Compact, lightweight, and easy to use plug-and-play LED lamp that can be used as continuous light or in sync with high-speed cameras.

- Dimensions: 200 x 165 x 165 mm³
- Mass: 2.9 kg
- Lumen Output (Continuous Mode): 96,000 lm
- Lumen Output (Sync Mode): > 200,000 lm
- Illumination Angle Options: 36°, 48°, 60°, 120°
- Temperature Range: 0° C to +40° C
- Fan Life: 70,000 h
- Power: 110-230 VAC, 1 kW





Specifications

| Metrics | |
|------------|---------------------------------|
| Dimensions | 200 x 165 x 165 mm ³ |
| Mass | 2.9 kg |

| Environment | |
|-------------------|--------------------|
| Temperature Range | Operation 0...40°C |
| Acceleration | Not tested |

| Electrical Interface | |
|----------------------|---------------------------------------|
| Connector | IEC for Power, RJ-45 for Sync and CMD |
| Power | 110-230 VAC, 1 kW |
| Fan Life Time | 70,000 h |

| Illumination Parameters | |
|------------------------------|---------------------|
| Illumination Angle | 36°, 48°, 60°, 120° |
| Lumen Output Continuous Mode | 96,000 lm |
| Lumen Output Sync Mode | > 120,000 lm |

| Illumination Strength vs Lens Angle & Distance (Single Lamp, Continuous Mode) | | | | |
|---|---------|--------|---------|----------|
| Angle | 1 m | 2 m | 3 m | 4 m |
| 36° | 186 klx | 47 klx | 21 klx | 12.5 klx |
| 48° | 115 klx | 29 klx | 13 klx | 7.7 klx |
| 60° | 89 klx | 22 klx | 10 klx | 6 klx |
| 120° | 31 klx | 8 klx | 3.7 klx | 2.2 klx |

To acquire a demo unit, please contact Austin Kelly at:

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