

# High Power LED Lamp 4438 Boost


## → Technical Specifications

### LED Lamp IES 4438 Boost

- Replaces a 1kW HMI floodlight
- 100.000 lm in continuous Mode
- > 200.000 lm in Sync-Mode
- Integrated controller
- Communication over RS 485
- Daisy Chain for Multi LED operation
- 72 High Power LEDs
- Aperture angle 27° oder 60°
- Active cooling
- Power consumption 1 kW
- Size 165 x 165 x 200 mm
- Weight 3 Kg

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 The compact and robust high power LED lamp 4438 Boost has been conceived for operation in industrial Environments. Its luminous flux equals that of a 1kW HMI floodlight. The LED lamp can be used in continuous mode or together with a High Speed camera, in synchronization mode. For operation the LED floodlight is connected to the high-speed camera using a common synchronization signal. In sync mode, the LED lamp can generate over 200,000 lumens, providing more than twice the light output.

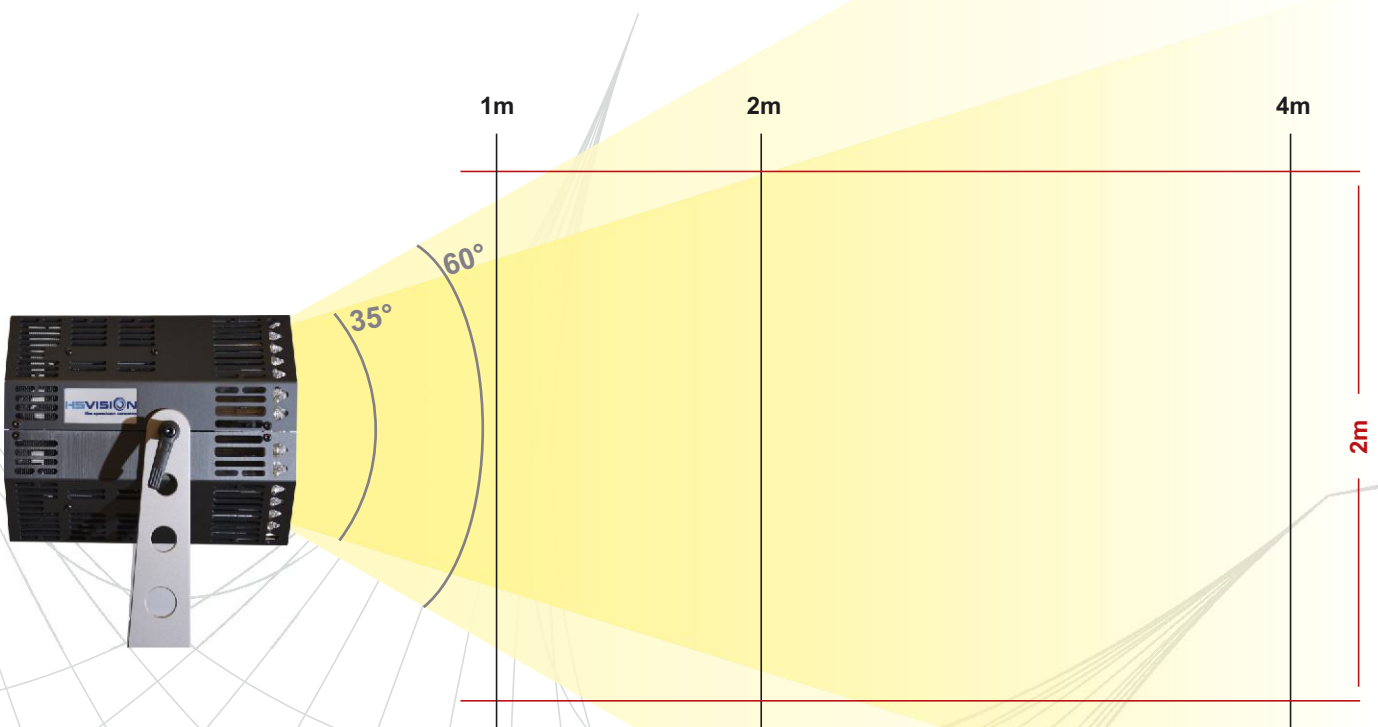
#### Multi-LED Operation

The 4438 Boost can be operated in the network and adjusted individually via the software. The networking takes place via two RJ 45 sockets in the "daisy chain" process. In addition to the RS 485 signals for configuring the lamp, the synchronization signal is also transmitted.

With the optionally available COM Server, the 4438 LED lamp can be connected to any commercially available computer via Ethernet and controlled via basic software included in the scope of delivery. Via the Visart software, HS cameras and LED lighting can be controlled and adjusted together.

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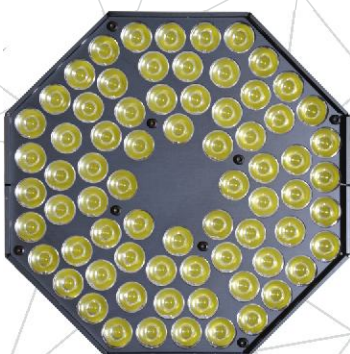
Luminous power (in lux) and light distribution on a 2 m x 2 m surface



LED 4438 Boost permanent **100% luminous power**

Lamp aperture angle

<b>35°</b>	186,000 lux	47,000 lux	12,500 lux
<b>60°</b>	92,000 lux	23,000 lux	6,000 lux



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