

# HIGH-S-LIGHT 1200 BOOST

with automatic SHUTTER-SYSTEM



HIGH-S-LIGHT 1200 BOOST floodlights are specifically designed for high-speed photography.

**Features:**

- Minimizes heat impact on airbag assemblies
- Exceptional illuminance levels up to 125,000 lux
- Flicker-free light for frame rates up to 100,000 fps
- Color temperature of 5,600 – 6,000 K (Daylight)
- High color rendering index > 95 CRI
- Stable output, even when main power varies

The HIGH-S-LIGHT series offers luminaries for custom integrated lighting systems. The HIGH-S-LIGHT 1200 BOOST light supports all types of high-speed cameras to provide high quality images. Even at high frame rates, images are generated with realistic color, great contrast, and excellent depth of focus.

HIGH-S-LIGHT 1200 BOOST luminaries are specifically designed to match the illumination requirements of modern airbag testing. With optional temperature control and an integrated shutter system, the HIGH-S-LIGHT 1200 BOOST system provides full test specification compliance with unit operating in -40 °C to +90 °C temperature range. Tests are performed with high illumination as the lighting system is mounted inside the deployment chamber with thermal effects minimized by the shutter system.

Design and production of HIGH-S-LIGHT 1200 BOOST components are made-in-Germany. An integrated HMI-lamp offers the highest degree of luminous efficacy, while special reflectors guarantee superior homogenic illumination of the test area.

**khs**  
Technical Lighting



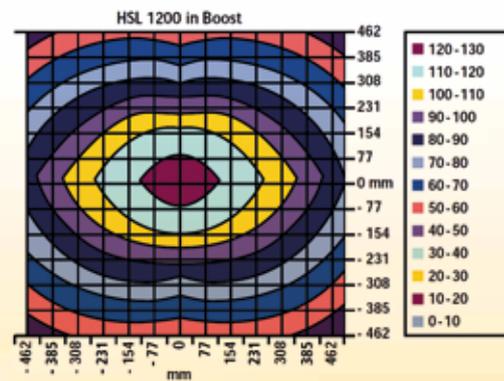
## Technical Information Luminary

Lamp MHG 1200 W  
 Color temperature 6,000 K  
 Illuminance 125,000 Lux

Average lifetime of the lamp 1,000 h / 1,500 starts  
 Dimensions 300x370x290 mm (WxHxD)  
 Weight 6 kg

## Technical Information EPS-Module

Power supply 1200 W Boost  
 Mains 230 V / 1 Ph / N / PE  
 Operating conditions 0 to 35 °C  
 Protective measures open circuit control over temperature protection  
 Output power 1200 W / 2400 W  
 Shape of curve square-wave, bipolar  
 Light modulation +/- 4 %  
 Efficiency ca. 90 %  
 Weight 9 kg



Intensity distribution in kLux at a distance of 1 m

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## Technical Lighting

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