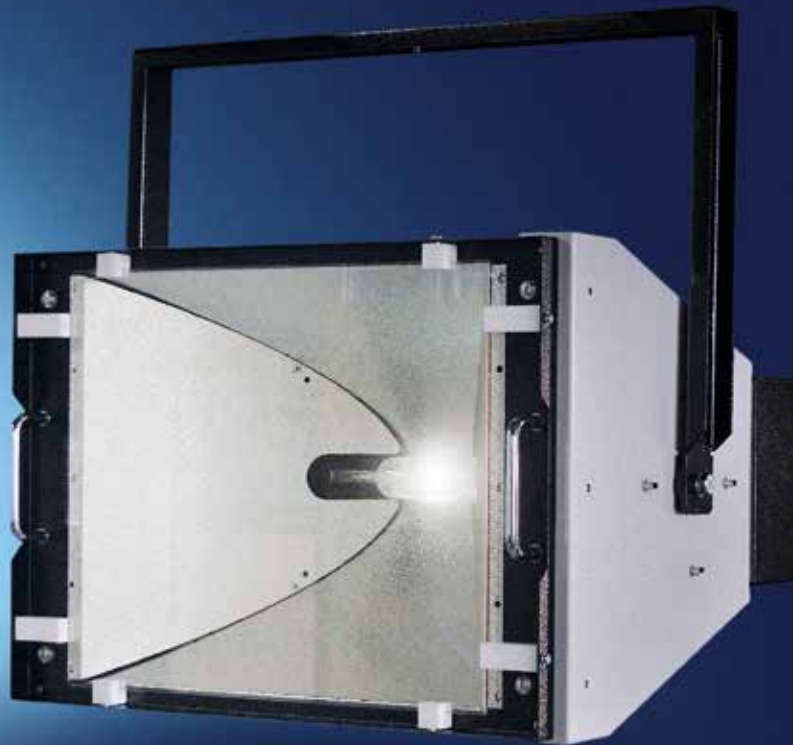


# HIGH-S-LIGHT 2500/4000 BOOST



HIGH-S-LIGHT 2500/4000 floodlights are specifically designed for high-speed photography.

**Features:**

- Exceptional illuminance level ~400,000 lux
- Flicker-free light for frame rates > 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 2500/4000 BOOST floodlight 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 2500/4000 BOOST floodlights are based on proven Metal Halide technology (HMI). They are easy to integrate, matching the specific illumination requirements of the individual test configuration. As testing configurations are modified to meet changing automotive designs, new technology or regulations, the HIGH-S-LIGHT configuration can be adjusted or expanded to meet these demands.

Design and production of HIGH-S-LIGHT 2500/4000 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.



## Technical Information Luminary

Power	High-S-Light 2500:	Color temperature	5,600 to 6,000 K
	2,500 W (5,000 W)	Efficiency	102 lm / W (nominal)
	High-S-Light 4000:	Average lifetime	500 h / 1,500 starts
	4,000 W (8,000 W)	Dimensions	540x420x380 mm (WxHxD)
		Weight	25 kg

## Technical Information EPS-Module

Mains	400 V / 3 PH / N / PE	Fluctuation	± 1 %
Operative conditions	10 to 35 °C	Shape of curve	square-wave, bipolar
Protective measure	open circuit control, current limit (max. 50A) excessive heat protection	Light modulation	± 1 %
		Efficiency	90 %
Output power	High-S-Light 2500:	Dimensions	19", 4HE, 480 mm deep
	1,200 to 5,000 W	Weight	24 kg
	High-S-Light 4000:		
	2,000 to 8,000 W		

**khs**

## Technical Lighting

Atlas Material Testing Technology GmbH  
Kurahessenstrasse 11  
64546 Mörfelden-Walldorf  
Germany

Phone: + 49 - 6105 - 9128 - 6

Fax: + 49 - 6105 - 9128 - 80

Contact: atlas.info-khs@ametec.de

Atlas Material Testing Technology, LLC.  
1500 Bishop Court  
Mount Prospect, IL 60056-6039  
United States

Phone: + 1 - 773 - 327 - 4520

Fax: + 1 - 773 - 327 - 5787

Contact: atlas.info@ametec.com



[www.khslight.com](http://www.khslight.com)