



HIGH-S-LIGHT 250 Liquid Light

Acceleration Resistant On-Board Lighting System

Due to the use of modern techniques the system offers

- Acceleration resistance up to 50G
- Ease of test setup and use due to the 2m Liquid lightguide
- Daylight colour temperature of 5.600°K
- Flicker-free light
- High illuminance
- Low heat load on the test sample
- Stabilized power output, even if main power varies
- For standard onboard lighting system already existing EPS-Modules (EPS 2 Models) could be used

The HIGH-S-LIGHT 250 LL-SYSTEM is designed to provide high quality illumination in areas where traditional lighting systems will not easily fit.

The HIGH-S-LIGHT 250 Liquid Light uses a flexible light guide system for precise positioning and application of illumination for critical testing, such as under instrument panels, seating systems or other locations where traditional on-board lighting systems are difficult to position and use.

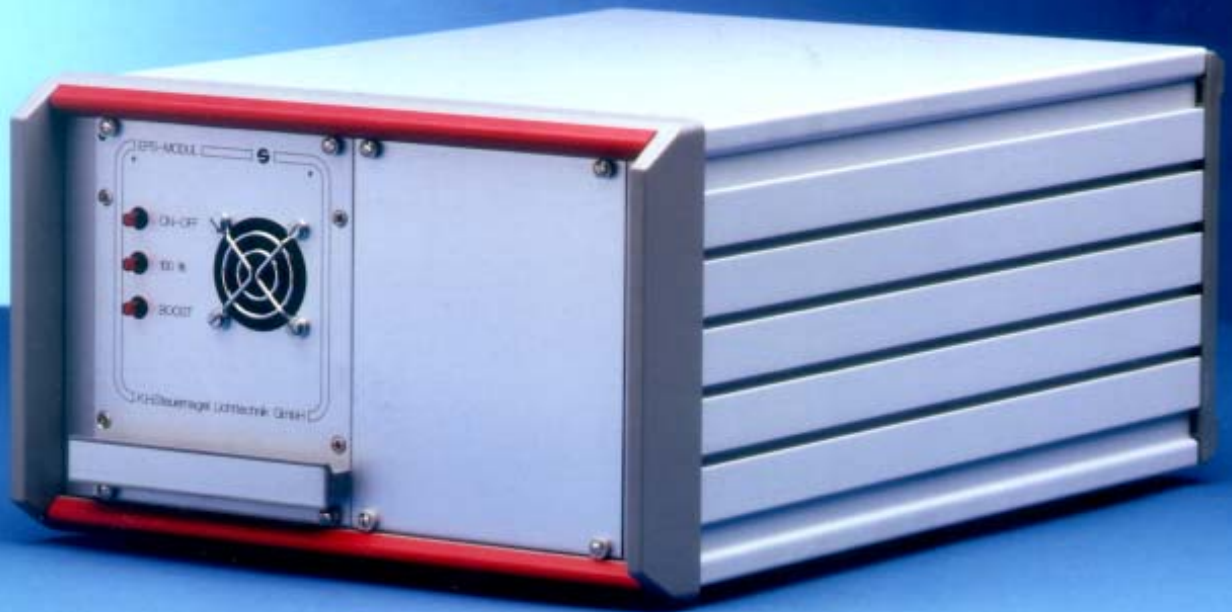
The luminaire is equipped with a metal halide lamp and a flexible 2m liquid light guide. Heat load is reduced with a specially designed thermal filtering system.

The EPS Module 250, is an electronic power supply. It drives the lamp with Square-wave current and controls power. This reduces the modulation of the radiation to less than 4% and allows flicker free pictures. The EPS-Module offers operation modes from 100% or 200% of the nominal lamp power. The 200% mode, the so-called BOOST, offers more than twice the light intensity for about 10 second.

As modern camera technology increases the ability to position and capture images in unique and critical locations, KHS responds with the HIGH-S-LIQUID-LIGHT 250 BOOST SYSTEM on board lighting system.

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The HIGH-S-LIGHT 250 Liquid Light is available with an on-board battery system.

The ON/OFF and BOOST functions can be controlled externally.

For current HIGH-S-LIGHT 250G on-board users the existing Power supply can be used with the HIGH-S-LIGHT 250 LL system.

Technical Informations

Luminary

Lamp power	270 W
Colour temperature	5.600°K
Illuminance	e.g. 200.000 Lux within a distance of 30 cm on an area of Ø 100 mm
Weight	4,8 kg



Technical Informations

Power Supply

Mains	90-264V/47-63 Hz 1 PH/N/PE
Operating Conditions	-10 to +35°C/no dew no dew
Protective measures	open circuit control short-circuit protection over temperature protection
Output power	270 to 540W in Boost module
Shape of curve	square-wave, bipolar
Light modulation	+/-4%
Efficiency	ca. 80%
Weight	5,3 kg

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K. H. Steuernagel Lichttechnik GmbH

Gerauer Straße 56 a
64546 Mörfelden-Walldorf
Germany

Phone: +49-6105-91286
Fax: +49-6105-912880

www.khslight.com