

HIGH-S-LIGHT 4000/2500 FLOOR

Due to the use of modern techniques the system offers

- High luminous efficiency of > 100lm/W
- Daylight colour temperature of 5.600 to 6.000K
- Flicker-free light, Modulation $\pm 1\%$
- High illuminance due to the BOOST-SYSTEM
- Stabilized power output, even when mains varies

The HIGH-S-LIGHT 4000/2500 FLOOR system was especially designed as a fill in light for crash tests and sled tests events.

Past practical experience has shown that the head area inside the car and the lower body parts of the vehicle does not receive optimum illumination. This was carefully considered in the development of the HIGH-S-LIGHT 4000/2500 FLOOR system.

The new HIGH-S-LIGHT 4000/2500 FLOOR system provides the ability to direct additional light to areas where the main overhead lighting system cannot always cover sufficiently.

The spectral power distribution and illuminating characteristic of the new System HIGH-S-LIGHT 4000/2500 FLOOR fully meets with the existing HIGH-S-LIGHT 4000/2500 BOOST line.

The essential components of the system are the Luminary, Electronic Power Supply and Control System. This system is completely compatible with the entire HIGH-S-LIGHT 4000/2500 product line. This means that existing systems can be upgraded and expanded easily (e.g. by utilizing existing plugstations).

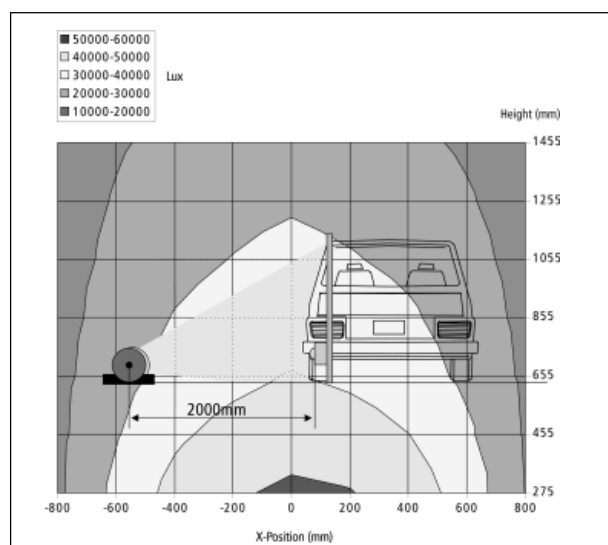
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K. H. Steuernagel Lichttechnik GmbH



This luminary also operates on Standby (50%) and BOOST (200%) mode and guarantees the integration into the overall test sequence.

Illuminance diagram HIGH-S-Light 4000 Floor



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Technical Information

Luminary/Lamp

Power	High-S-Light 2500: 2500W (5000W) High-S-Light 4000: 4000W (8000W)
Colour temperature	5.600 to 6.000K
Efficiency	102lm/W (nominal)
Average lifetime	500h/1.500 Starts
Dimension	Ø 200 x 704
Weight	ca. 20kg

Technical Information

EPS-Modul

Mains	400V 3PH/Neutral/Ground, 50Hz
Operating conditions	10 to 35°C
Protective measures	open circuit control current limit (max. 50A) over temperature protection
Output power	High-S-Light 2500: 1.200 to 5.000W High-S-Light 4000: 2.000 to 8.000W
Fluctuation	± 1%
Shape of curve	square-wave, bipolar
Light modulation	± 1%
Efficiency	ca. 90%
Dimension	4 units high, 480 mm deep
Weight	24kg