To the product video

BRIEF INFORMATION

Power Beam S-series

- Halogen replacement series
- Longer life and higher efficiency compared to halogen
- Low weight and high corrosion resistance thanks to plastic material

PRODUCT FEATURES

The new S-series complements FORVIA HELLA's proven Power Beam range. The high-quality rectangular Power Beam S-series work lamps are characterised by an excellent price-performance ratio. They are suitable for use in a wide variety of applications outside of road traffic. The work lamps can be used for upgrading or retrofitting forklifts, trucks and trailers as well as for agricultural machinery, construction machinery, municipal vehicles and other special vehicles. With their slim and universal design, they also make the switch from halogen to LED technology particularly easy: the S-series can replace existing halogen devices one-to-one.

The LED work lamps score points with an excellent lumen/watt output, i. e. high efficiency, as well as a long service life. This is based in reliable protection against overheating: the new, efficient design of the cooling fins ensures better heat dissipation, while the integrated thermal management automatically dims the work lamps as soon as a temperature between +50 °C and +85 °C is reached.

The homogeneous illumination with a light colour similar to daylight is particularly pleasing to the eye. The colour temperature is 6,500 kelvin. The housing and the cover lens of the work lamps are made of special plastics that are highly resistant to corrosion and very lightweight at the same time.

The Power Beam S-series is produced in accordance with the latest technological standards and meets the highest EMC requirements.

With the Black Edition, the Power Beam S-series is also available in an appealing black design to match modern, attractive vehicle designs.

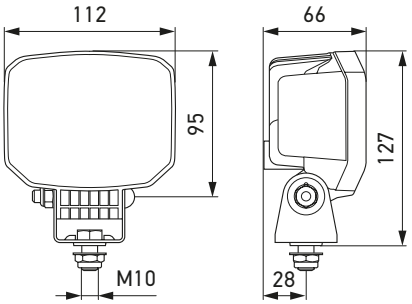
TECHNICAL DETAILS

Technical data

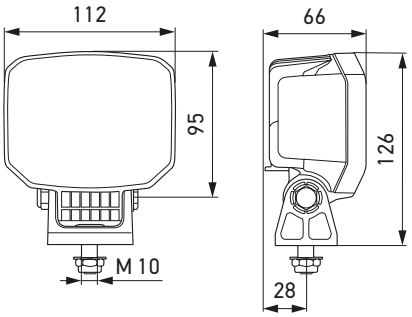
Variant	I	II
Operating voltage range	Multi-voltage (9–32 V)	
Rated voltage	12 V and 24 V	
Current consumption	12 V: Ø0.85 A* 24 V: Ø0.41 A**	12 V: Ø1.29 A* 24 V: Ø0.61 A**
Power consumption	12 V: Ø11.2 W* 24 V: Ø11.6 W**	12 V: Ø17 W* 24 V: Ø17 W**
Light output (warm)	Ø1,150 lm	Ø1,850 lm
Light source	LED	
Colour temperature	6.500 K***	
Material	Housing: heat-conductive plastic Cover lens: plastic Bracket: plastic (Black Edition)	
Weight	393 g	397 g
Temperature range	-40 °C to +85 °C (overheating protection)	
Protection class	IP 6K7, IP 6K9K	
Approved	ECE-R10, ADR/GGVSEB	
Compliant	RCM, CISPR 25 Class 5 (12 V) and Class 4 (24 V)	
Protection	Polarity reversal protection, overvoltage protection	
Mounting	Upright and pendant mounting	
Connection	DEUTSCH DT connector, 2-pin	

* Warm measured at 13.2 V after 30 minutes of operation.
** Warm measured at 28 V after 30 minutes of operation.
*** 5,000 K variants available on request.

Dimensional sketch



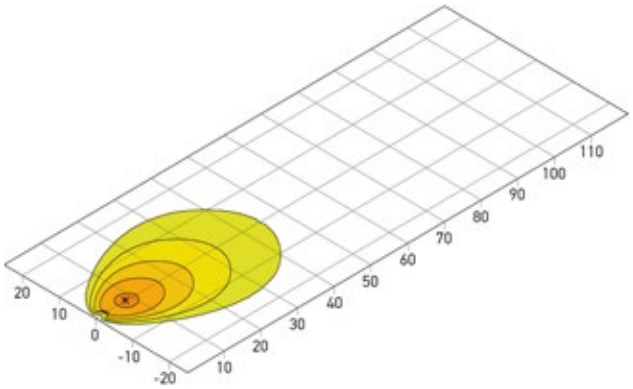
Standard



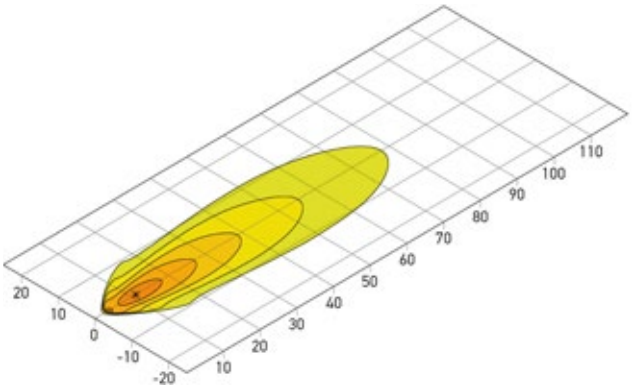
Black Edition

LIGHT DISTRIBUTION

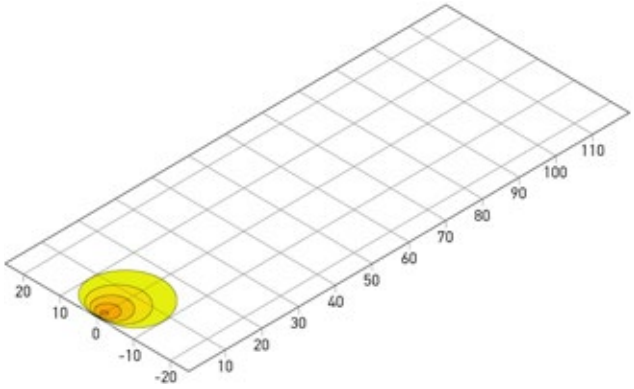
Variant I



Close-range illumination

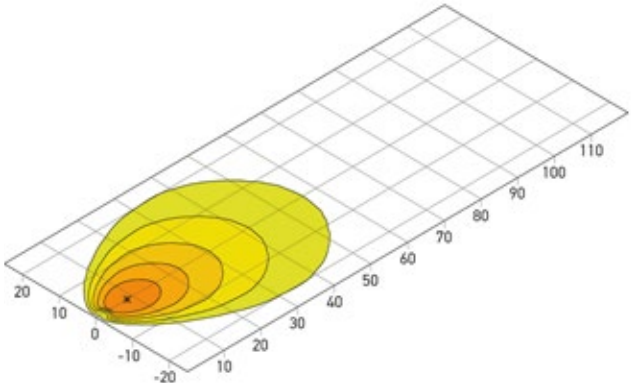


Long-range illumination

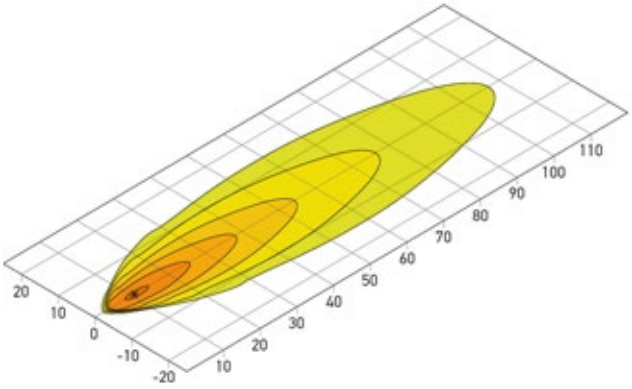


Diffuse flood illumination

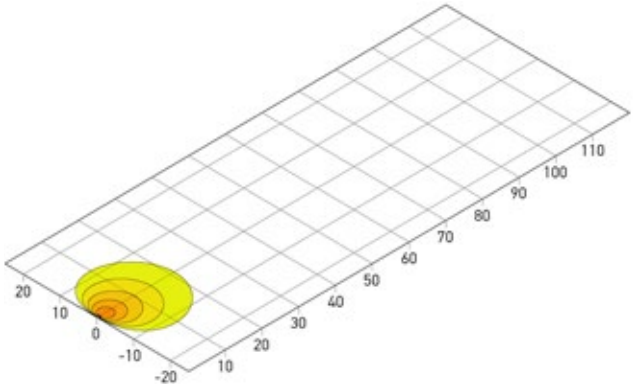
Variant II



Close-range illumination



Long-range illumination



Diffuse flood illumination

Mounting position: 2.5 m high at -8° (close-range illumination) or -3° (long-range illumination and diffuse flood illumination)

PROGRAM OVERVIEW

Product picture	Variant	Illumination	Part number
	I – Standard	Close-range illumination	**1GA 996 588-001**
		Long-range illumination	**1GA 996 588-011**
		Diffuse flood illumination	**1GA 996 588-041**
	II – Standard	Close-range illumination	**1GA 996 588-201**
		Long-range illumination	**1GA 996 588-211**
		Diffuse flood illumination	**1GA 996 588-271**
	II – Black Edition	Close-range illumination	**1GA 996 588-401**
		Long-range illumination	**1GA 996 588-411**

ACCESSORIES

Product picture	Description	Part number
	2,000 mm cable with DEUTSCH DT connector	**8KB 990 299-011**