



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 HELLA's proven Power Beam range. The high-quality rectangular 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 lifetime. 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 Austria in accordance with the latest technological standards and meets the highest EMC requirements.

TECHNICAL DETAILS



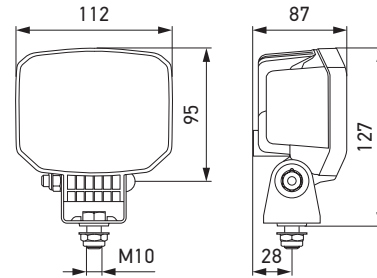
Technical data

Variant	1,000	1,850
Operating voltage	Multi-voltage (9 – 32 V)	
Rated voltage	12 V / 24 V	
Current consumption	1.1 A (12 V) 0.6 A (24 V)	1.6 A (12 V) 0.8 A (24 V)
Power consumption	12 W	19 W
Light output	1,000 lm	1,850 lm
Light source	LED	
Colour temperature	6,500 K*	
Material	Housing: heat-conductive plastic Cover lens: plastic	
Weight	393 g	397 g
Temperature range	- 40 °C to + 85 °C Maximum light output up to + 50 °C Reduced light output between + 50 °C and + 85 °C**	
Protection class	IP 6K7, IP 6K9K	
Type approval	UKCA, ECE-R10, RCM, ADR / GGVSEB	
EMC protection	CISPR 25	
Mounting	Upright and pendant	
Connection	DEUTSCH DT connector	
Manufactured in	Austria	

* 5,000 K variants available on request.

** From + 50 °C to + 85 °C, the work lamp dims automatically to protect itself.


Dimensional sketch



PROGRAM OVERVIEW

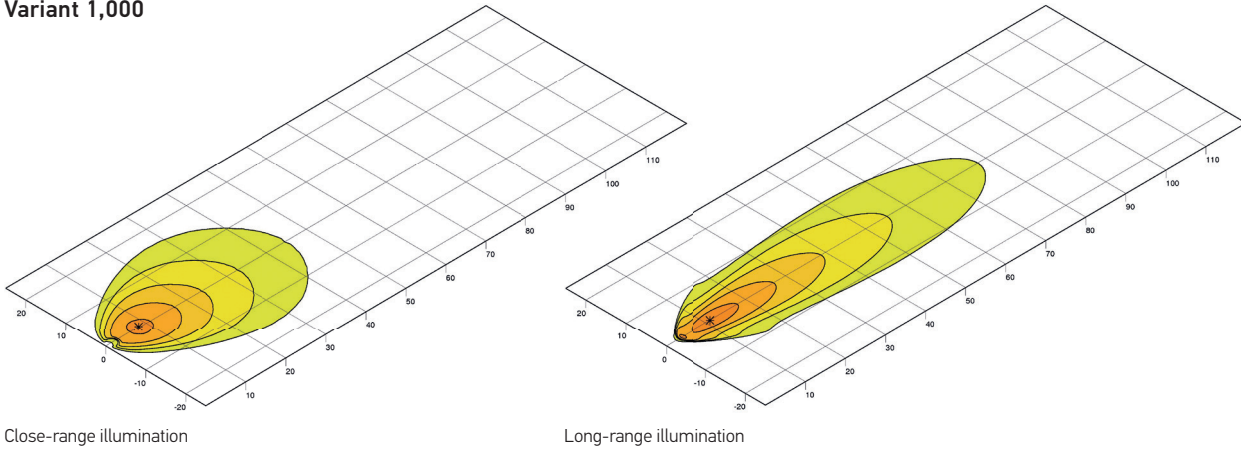
Product picture	Variant	Illumination	Part number
	1,000	Close-range illumination	1GA 996 588-001
		Long-range illumination	1GA 996 588-011
	1,850	Close-range illumination	1GA 996 588-201
		Long-range illumination	1GA 996 588-211

ACCESSORIES

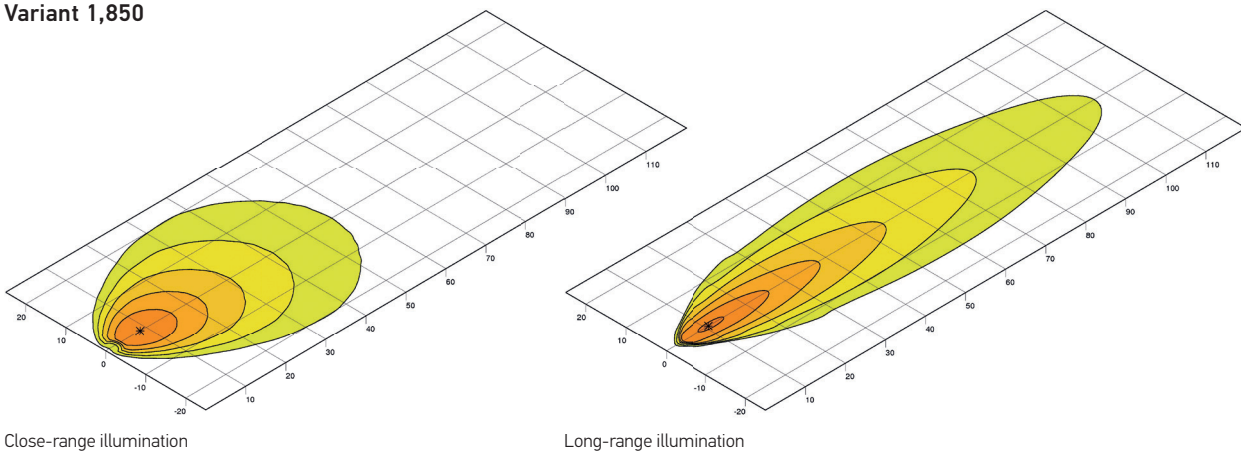
Product image	Description	Part number
	2,000 mm cable with DEUTSCH DT connector	8KB 990 299-011

LIGHT DISTRIBUTION

Variant 1,000



Variant 1,850



lux >= 0  1  2  4  8  16  32 