BRIEF INFORMATION

Ultra Beam S-series

- Improved light distribution for excellent light output
- Best energy efficiency
- Innovative electronics with power on soft start
- Robust design, also suitable for harsh working environments

PRODUCT FEATURES

Outstanding light output with minimal power consumption: The FORVIA HELLA Ultra Beam S-series sets new efficiency standards. With a power consumption of 38 watts (at 12 volts) or 36.5 watts (at 24 volts), the work lamps produce a high light output of 4,800 lumens. This corresponds to more than 126 lumens per watt.

With this outstanding lumen/watt performance, the Ultra Beam S-series significantly outperforms the previous generation, saving on fuel and costs and reducing CO_2. The work lamps are equipped with eight high-performance LEDs that, with a colour temperature of 6,500 kelvin and a special reflector, provide very homogeneous illumination of the work area that is similar to daylight.

The Ultra Beam S-series has a consistently high quality, as it is produced on an automated production line.

The LED work lamps are extremely robust and are also suitable for use in harsh conditions. The durable die-cast aluminium housing also has massive cooling fins that dissipate heat outside to protect the device from overheating, guaranteeing a long service life. The work lamps are dustproof and waterproof and can be operated with a voltage between 9 and 32 volts.

To achieve an optimum performance and service life, the Ultra Beam S-series is equipped with innovative electronics. Overvoltage protection and a thermal sensor prevent overstressing of the electronics. Thanks to the soft start, the load on the vehicle electrical system is reduced when several LED work lamps are switched on.

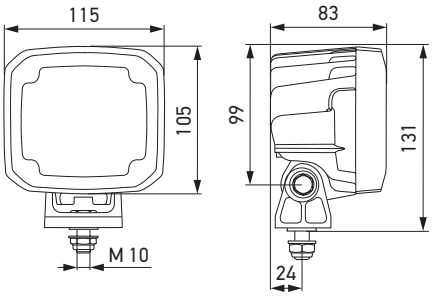
The Ultra Beam S-series is available as a Black Edition with a stylish black design that integrates perfectly into modern and attractive vehicle designs.

TECHNICAL DETAILS

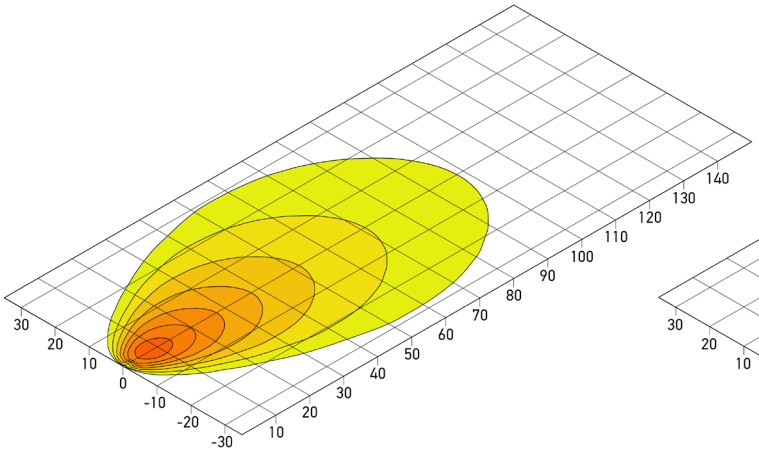
Technical data	
Operating voltage range	Multi-voltage (9–32 V)
Rated voltage	12 V and 24 V
Current consumption	12 V: Ø2.87 A* 24 V: Ø1.3 A**
Power consumption	12 V: Ø38 W* 24 V: Ø36.5 W**
Light output (warm)	Ø4,800 lm
Light source	LED
Colour temperature	6,500 K***
Material	Housing: die-cast aluminium Cover lens: plastic Bracket: plastic
Weight	895 g
Temperature range	-40 °C to +85 °C (overheating protection)
Protection class	IP 6K9K, IP 6K8
Approved	ECE-R10, ADR/GGVSEB
Compliant	RCM, CISPR 25 Class 5
Salt spray resistance	720 h as per DIN EN ISO 9227
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.

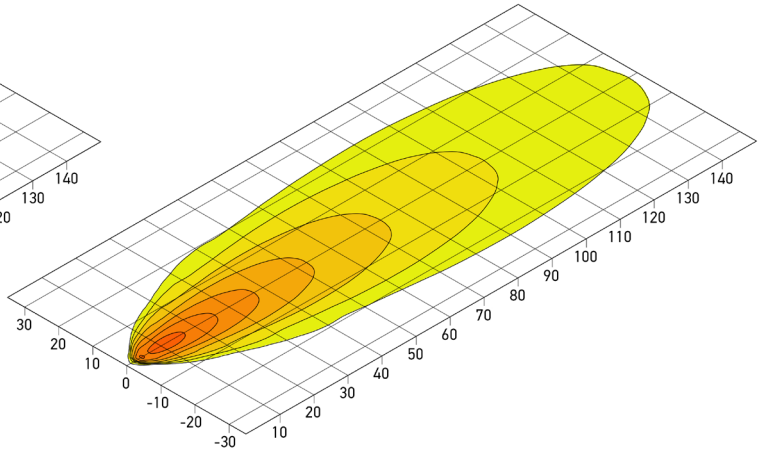
Dimensional sketch



LIGHT DISTRIBUTION



Close-range illumination



Long-range illumination

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

PROGRAM OVERVIEW

Product image	Variant	Illumination	Part number
	Standard	Close-range illumination	**1GA 995 706-001**
		Long-range illumination	**1GA 995 706-011**
	Black Edition	Close-range illumination	**1GA 995 706-401**
		Long-range illumination	**1GA 995 706-411**

ACCESSORIES

Product picture	Description	Part number
	2,000 mm cable with DEUTSCH DT connector	**8KB 990 299-071**
	Rubber cap	**9GH 990 316-041**

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