



## 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 39 watts (at 12 volts) or 37.5 watts (at 24 volts), the work lamps produce a high light output of 4,400 lumens. This corresponds to more than 110 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<sub>2</sub>. 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

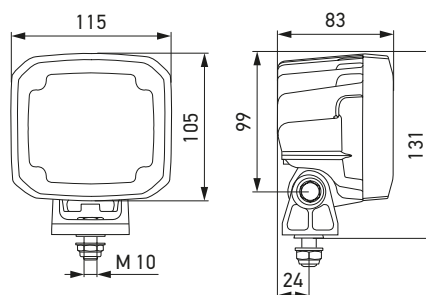
Operating voltage range	Multi-voltage (9–32 V)
Rated voltage	12 V and 24 V
Current consumption	12 V: Ø2.95 A* 24 V: Ø1.39 A**
Power consumption	12 V: Ø39 W* 24 V: Ø37.5 W**
Light output (warm)	Ø4,400 lm
Light source	LED
Colour temperature	6,500 K***
Material	Housing: die-cast aluminium Cover lens: plastic 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.

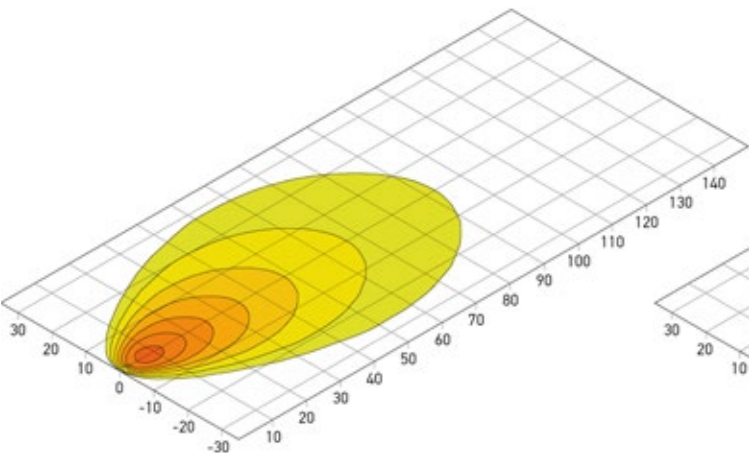
\*\* Warm measured at 28 V after 30 minutes of operation.

\*\*\* 5,000 K variants available on request.

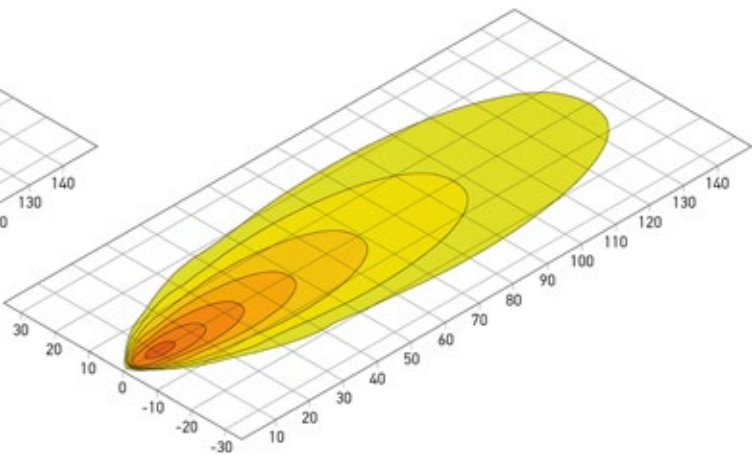
## Dimensional sketch



# 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