



To the product video

BRIEF INFORMATION

Module 70 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

With the S-series, FORVIA HELLA is launching another model of the well-known Module 70 series. The high-quality yet affordable Module 70 S-series work lamps are suitable for use in a wide variety of applications outside of road traffic. They 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. Thanks to their universal and slim design, they are the perfect replacement for halogen. This means that vehicles can be converted to LED technology quickly and easily.

Compared to halogen devices, the round LED work lamps have an excellent lumen/watt output and, therefore, a high efficiency. Another plus point is their long lifetime, which is mainly thanks to effective overheating protection: the efficient new cooling fin design provides better heat dissipation, while the integrated thermal management automatically dims the headlamps at temperatures between +50 °C and +85 °C.

The S-series work lamps provide homogeneous illumination with a light colour similar to daylight. The colour temperature is 6,500 kelvin. The housing and the cover lens are made of special plastics, which keep them very lightweight and provide a high level of corrosion resistance.

The work lamps meet the highest EMC requirements and are produced in accordance with the latest technological standards.

In order to meet the increasing design requirements, the Module 70 S-series is also available as a Black Edition with an appealing black appearance.

TECHNICAL DETAILS

Technical data

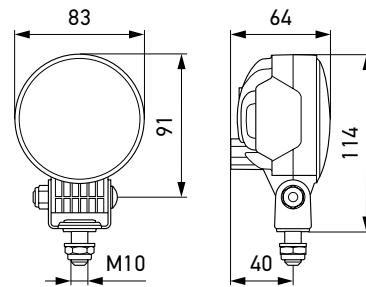
Variant	I	II
Operating voltage range	Multi-voltage (9–32 V)	
Rated voltage	12 V and 24 V	
Current consumption	12 V: Ø0.85 A* 24 V: Ø0.41 A**	12 V: Ø1.29 A* 24 V: Ø0.61 A**
Power consumption	12 V: Ø11.2 W* 24 V: Ø11.6 W**	12 V: Ø17 W* 24 V: Ø17 W**
Light output (warm)	Ø1,150 lm	Ø1,850 lm
Light source	LED	
Colour temperature	6,500 K***	
Material	Housing: heat-conductive plastic Cover lens: plastic	
Weight	228 g	235 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, flush mounting or 3-point flush mounting	
Connection	DEUTSCH DT connector, 2-pin	

* Warm measured at 13.2 V after 30 minutes of operation.

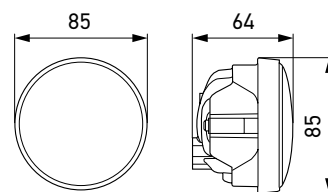
** Warm measured at 28 V after 30 minutes of operation.

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

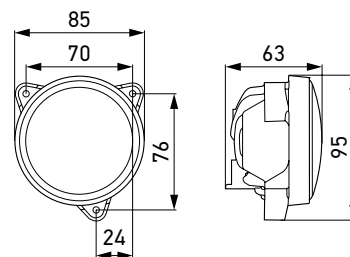
Dimensional sketch



Upright and pendant mounting



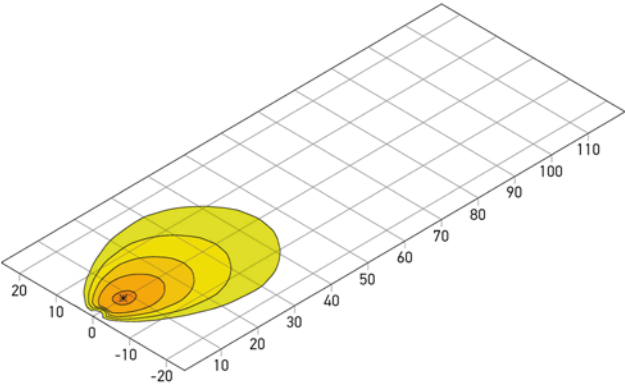
Flush mounting



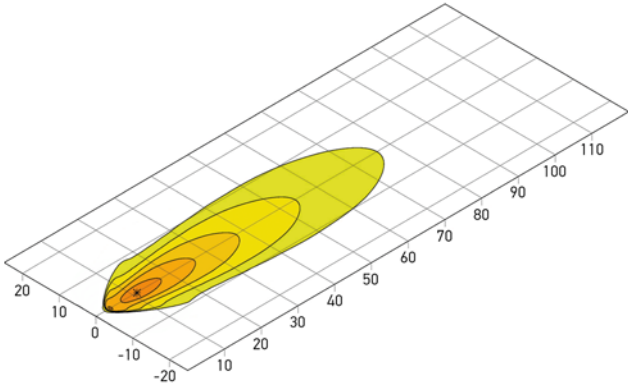
3-point flush mounting

LIGHT DISTRIBUTION

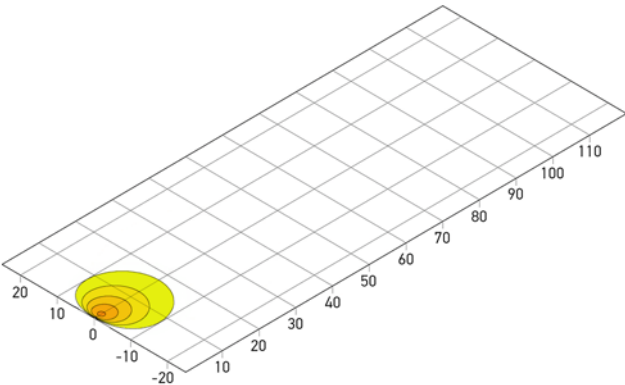
Variant I



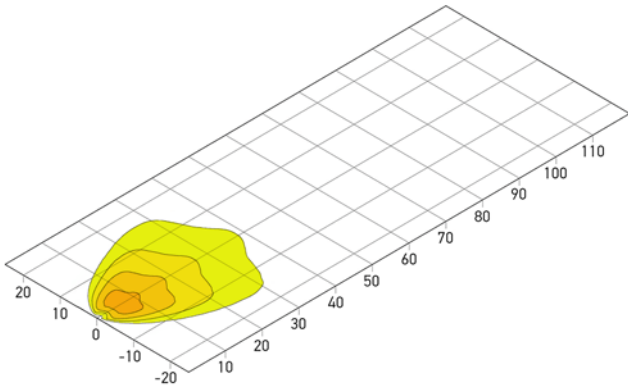
Close-range illumination



Long-range illumination

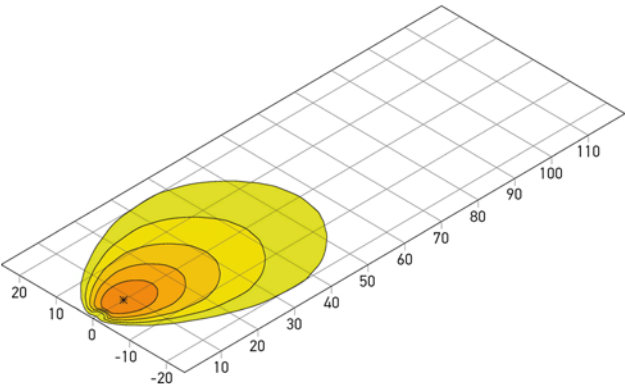


Diffuse flood illumination

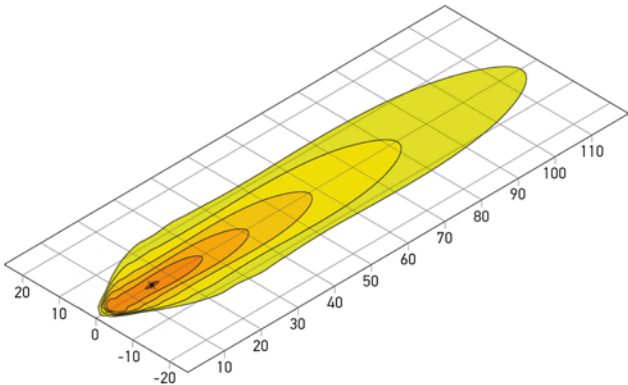


Extra-wide illumination

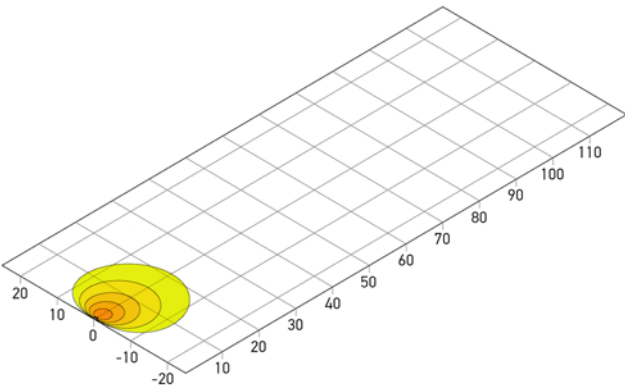
Variant II



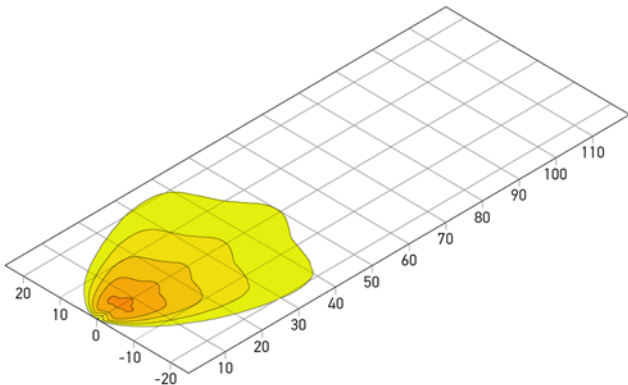
Close-range illumination



Long-range illumination



Diffuse flood illumination



Extra-wide illumination

lux >= 0 1 2 4 8 16 32 64 128 192 256

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

PROGRAM OVERVIEW

Product picture	Variante	Ausleuchtung	Befestigung	Part number	VPE*
	I – Standard	Close-range illumination	Upright and pendant mounting	1G0 996 776-001	1
			Flush mounting	1G0 996 776-107	40
		Long-range illumination	Upright and pendant mounting	1G0 996 776-011	1
			Flush mounting	1G0 996 776-117	40
		Diffuse flood illumination	Upright and pendant mounting	1G0 996 776-627	40
		Extra-wide illumination		1G0 996 776-077	40
	II – Standard	Close-range illumination	Upright and pendant mounting	1G0 996 776-201	1
			3-point flush mounting	1G0 996 776-307	40
		Long-range illumination	Upright and pendant mounting	1G0 996 776-211	1
			3-point flush mounting	1G0 996 776-317	40
		Diffuse flood illumination	Upright and pendant mounting	1G0 996 776-647	40
		Extra-wide illumination		1G0 996 776-297	40
	I – Black Edition	Close-range illumination	Upright and pendant mounting	1G0 996 776-081	1
		Long-range illumination		1G0 996 776-091	1
	II – Black Edition	Close-range illumination	Upright and pendant mounting	1G0 996 776-401	1
		Long-range illumination		1G0 996 776-411	1

* Packaging unit

ACCESSORIES

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