Ultra Beam Xenon

The Extremely Sturdy Worklight for Optimum Light

Lighting technology:

This worklight is available with both a 35 W D2S xenon bulb and a 35 W D1S xenon bulb. Thanks to the xenon technology this worklight produces 250% more light in comparison with a 55 W halogen bulb, and the energy consumption is 35% less. A further advantage is the 5-times-longer average service life of the xenon bulb in comparison with a halogen bulb. As a result, expenditure due to bulb replacement is reduced considerably. Thanks to the light colour, which is similar to daylight, objects can be discerned more easily and more naturally in the dark. The brightness remains constant, even with fluctuating vehicle-electric-system voltages, between 9-16 V in the case of 12 V devices and 18-32 V in the case of 24 V devices.

Housing:

The housing of this sturdy worklight is made of glass-fibre-reinforced plastic. This is resistant is to acid and keeps the housing free of corrosion. The 3rd-generation ballast, in the case of part number 1GA 998 534-001 and -011, is securely connected to the worklight via a 300 mm long cable. To protect from the effect of force from outside, the light is supplied with a hardened lens which is protected via a protruding lens carrier frame. All steel parts are made of stainless steel, i.e. resistant to seawater. The bracket system ensures optimum adjustability and offers stable four-point fastening. A special damping system patented by Hella and located in the base of the worklight protects the xenon bulb from shocks. As a result, this worklight is suitable for extreme applications, such as mounting on construction machinery. In the case of worklight 1GA 998 534-001 and –011, a complete cable set including fuses and relay is supplied for power connection. For the other part numbers, a suitable cable set is available as an accessory.

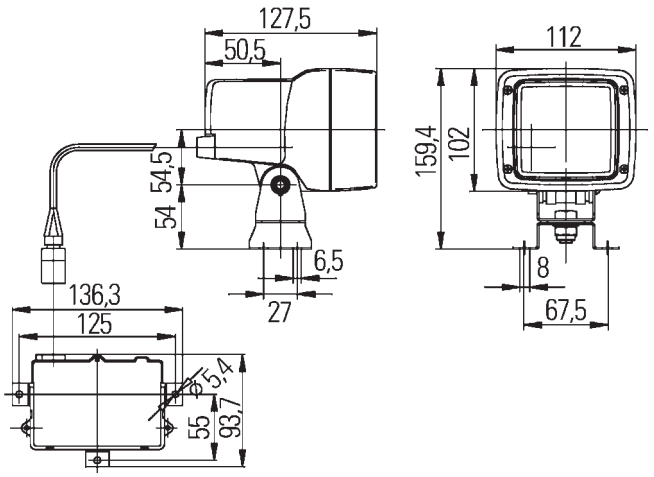
In the case of versions with 4th-generation ballast (in the case of 1GA998.534-221 /-231, and –271), the connection cable to the ballast is securely connected to the worklight but can separated from the ballast.

Tip:

In order to be able to guarantee the maximum illumination time of the xenon bulb, the worklight should be used in a horizontal position with no more than ± 30° deviation.

Technical Data Ultra Beam Xenon

Rated voltage (U_N):	**12 V**	**24 V**
Operating voltage:	9 - 16 V	18 - 32 V
Rated current:	1,5 A	
Starting current (over a period of 8s max.):	<10 A	
Switch-on current peak (over a period of 1 ms):	<30 A	
Recommended inclination angle:	10 - 25°	
Light transmittance:	83 x 83 mm	
Watts:	42 W	
Housing:	Glass-fibre reinforced plastic	
Protective category:	IP5K4K	



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Part Numbers:

Ultra Beam Xenon	**1GA 998 534 ...**
Accessories and Spare Parts	
Bulb	
Xenon D1S	**8GS 009 028-001**
Xenon D2S	**8GS 007 949-101**

Accessories and Spare Parts		
Light unit		**1GM 998 525-071**
Installation recess		**9BG 990 353-001**
Connection cable (4th gen.)	12 V	**8KB 990 299-221**
	24 V	**8KB 990 299-231**

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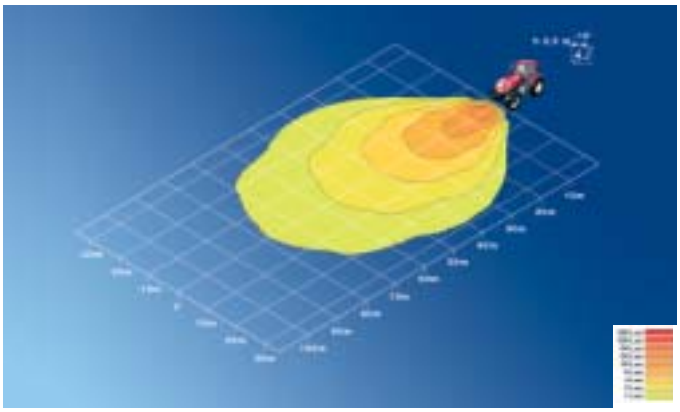
Worklights

Part Number 1GA 998 534 ...	-001	-011	-221	-231	-271
Ground illumination	■	■	■	■	■
12 V or 24 V ballast	12 V	24 V	12 V	24 V	24 V
Ballast	3rd-gen.	3rd-gen.	4th-gen.	4th-gen.	4th-gen.
D1S or D2S Xenon	D2S	D2S	D1S	D1S	D1S
Upright mounting	■	■	■	■	■
Prism glass lens	■	■	■	■	■
IP5K4K/IPX9K	■	■	■	■	■
4-point fastening	■	■	■	■	■
Swivel base	■	■	■	■	■
Connection cable	3700mm	3700mm			
Sturdy housing	■	■	■	■	■
Vibration damping	■	■	■	■	
Connection cable to ballast	300 mm	300 mm	3000mm	3000mm	500 mm



Ground illumination 10°