

Hänsch[®]///

LED working lights



Table of contents

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Light concept and benefits of LED working lights	2-3
LED working light 0606	4-5
LED working light 0909	6-7
LED working light 1010	8-9
LED working light 1010 Whitepoint/Bluepoint	10-11
LED working light 1010 special models	12-13
LED working light 1313	14-15
LED working light 1323	16-18
LED working light VL 4	19-20
LED working light VL 6	21-22
LED headlight HL Compact	23
Sputnik Compact	24
Accessories	25
Product overview, LED working lights	26-27
Information about light beams	28
Information about light colour	29

We grant a 3-year guarantee on all working lights.

All prices exclude VAT.

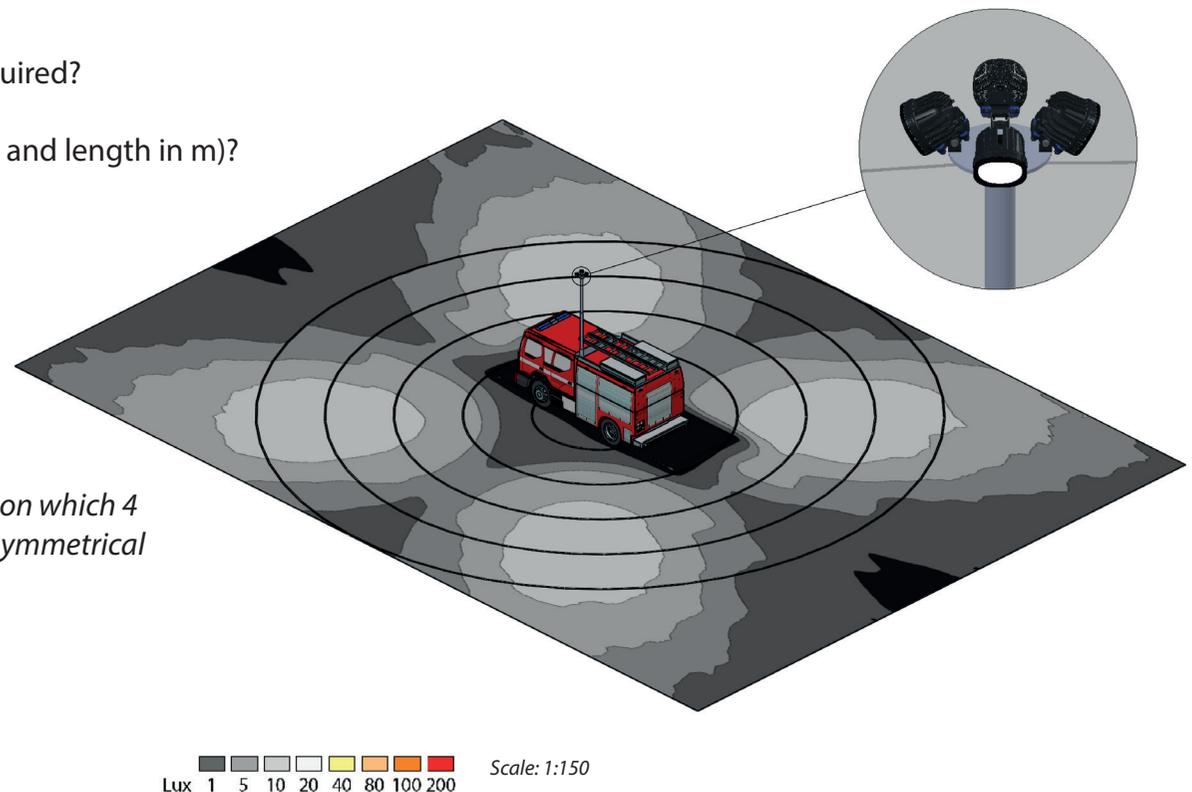
Light concept

When fitting LED working lights to a special vehicle, various factors play a part. These include good illumination, the performance, the durability and robustness of the LED working lights and, of course, the costs too.

That's why we work with you to create a lighting concept for your vehicle to achieve the optimum illumination for your application. By specifically selecting different light beams and models, the best possible result can ultimately be achieved without fitting more LED working lights than necessary.

We ask you the following questions:

- Where do you need light and how much light is required?
- How many lux do you need at a distance of xxx m?
- What is the size of the area to be illuminated (width and length in m)?



Light simulation of a fire engine on which 4 LED 1313 working lights with a symmetrical light beam are fitted.

Your benefits at a glance

- Enormous power level and special lenses allow the maximum amount of light to reach the ground
- EMC homologation according to ECE-R10
- Electromagnetic compatibility (according to DIN EN 55025, CISPR25)
- Large, exposed cooling fins allow the heat to dissipate unhindered
- Integrated overheating, surge and reverse polarity protection
- LED technology with long service life of 35,000 – 40,000 operating hours
- Temperature range between -40°C and 85°C
- Different light beams (symmetrical and asymmetrical), perfectly adapted to the relevant purpose (more information on Page 28)
- A light colour of 5,000-6,000 Kelvin, which is almost the same as daylight, prevents rapid fatigue of the human eye and enables optimum visibility at the site of operation (more on Page 29). Lower light colours also available.
- Tested for salt spray and vibration resistance:



Salt spray test (500 hours plus 168 hours drying time)



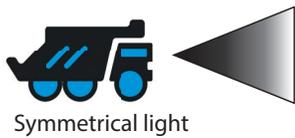
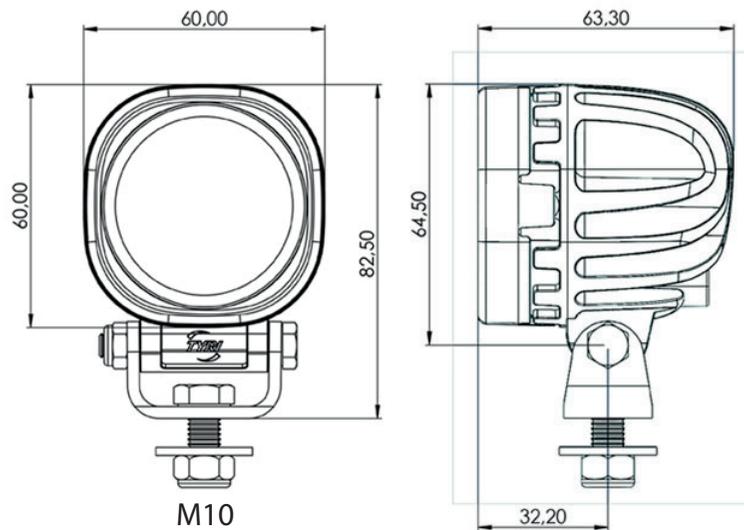
Vibration test

(Models 0606 & 0909: 5-2000 Hz, 3 axes, 8 G)

(Models 1010, 1010 Curve (Whitepoint, Bluepoint, diffuse), VL4, VL6, 1313 as well as 1323: 5-2000 Hz, 3 axes, 10 G)

0606

The LED working light 0606 impresses with bright light at a particularly compact size. This model is used when a powerful working light with small dimensions is required. It is therefore suitable for various applications. On large vehicles operated by the fire brigade, this LED working light is used e.g. underneath the side mirrors to reverse safely in the garage or in non-illuminated areas. The "diffuse" version has a special lens that provides glare-free and reflection-free close-range illumination, such as for vehicles axles, couplings, storage spaces and engine compartments.



Symmetrical



Diffuse

EMC EMC tested

IP IP6K6/ IPX9K

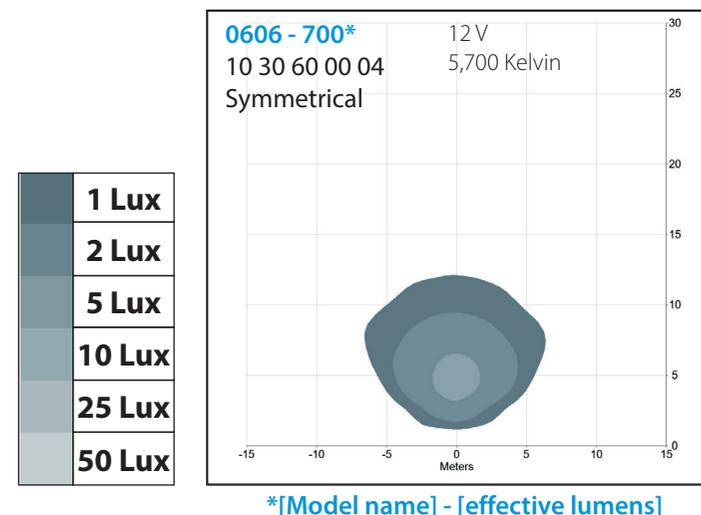
Vibration test

Salt spray test

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Symmetrical Standard width	12 v	1000	1	10 30 60 00 04	€ 113.30
Symmetrical Standard width	24 v	1000	1	10 30 60 00 03	€ 113.30
Diffuse	12 v	Diffuse light beam	1	10 30 60 00 06	€ 113.30
Diffuse	24 v	Diffuse light beam	1	10 30 60 00 06	€ 113.30

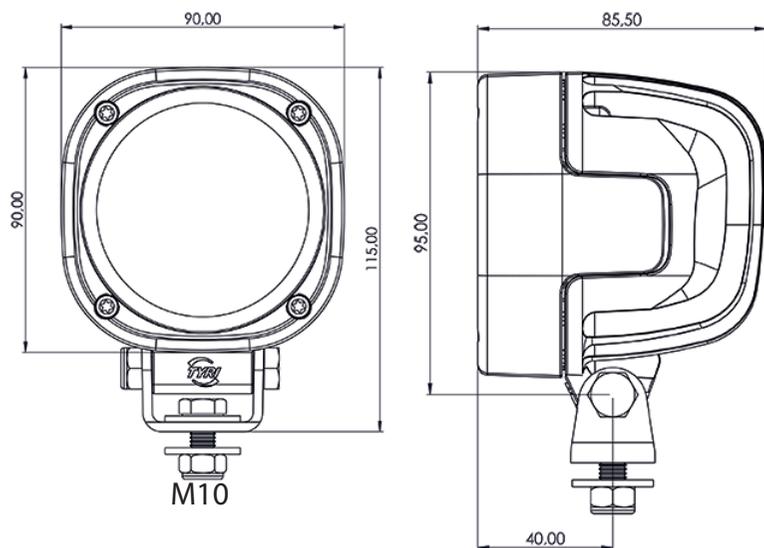
Technical data:	
Description:	LED working light 0606
Voltage:	9-60 V
Output:	13 W
Material:	Housing made of die-cast aluminium
Colour temperature:	5700 K
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	60 x 60 x 63.5 mm, total height 82.5 mm
Weight:	280 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 4
EMC according to ECE-R10:	Coming soon

Light beam



0909

The LED working light 0909 is a compact and flexible lighting solution that is used in the widest range of areas such as the fire brigade, construction or agriculture. This model is available with a symmetrical and asymmetrical cut-off light beam. The asymmetrical cut-off version with 1400 lm is approved as a reversing light. On large vehicles operated by the fire brigade, this LED working light is used e.g. underneath the side mirrors to reverse safely. An asymmetrical light beam prevents the driver from being dazzled when doing so.

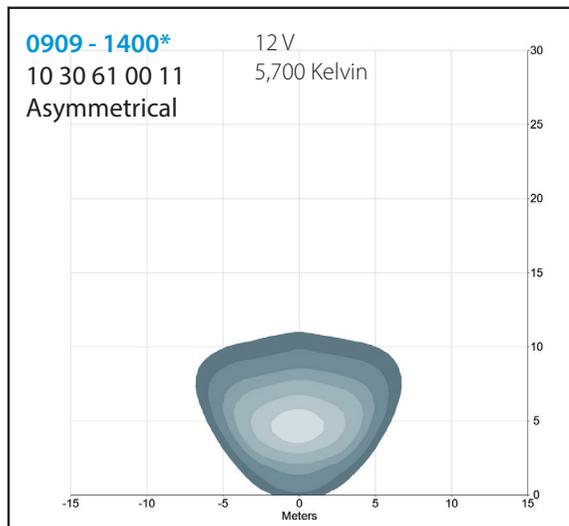
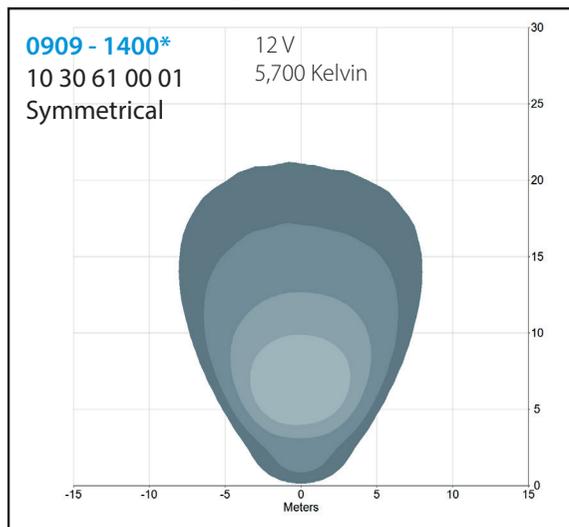


Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Symmetrical Standard width	12 V	1400	6	10 30 61 00 01	€ 124.60
	24 V	1400	6	10 30 61 00 02	€ 124.60
Asymm. cut-off standard width upright installation	12 V	1400	6	10 30 61 00 11*	€ 124.60
	24 V	1400	6	10 30 61 00 09*	€ 124.60
Asymm. cut-off standard width suspended installation	12 V	1400	6	10 30 61 00 12*	€ 124.60
	24 V	1400	6	10 30 61 00 10*	€ 124.60
Symmetrical Standard width	12 V	1850	6	10 30 61 00 05	€ 157.50
	24 V	1850	6	10 30 61 00 06	€ 157.50
Asymmetrical Standard width	12 V	1850	6	10 30 61 00 07	€ 157.50
	24 V	1850	6	10 30 61 00 08	€ 157.50

* These models are approved as reversing lights.

-  **EMC tested**
-  **IP6K6/ IPX9K**
-  **Vibration test**
-  **Salt spray test**

Light beam



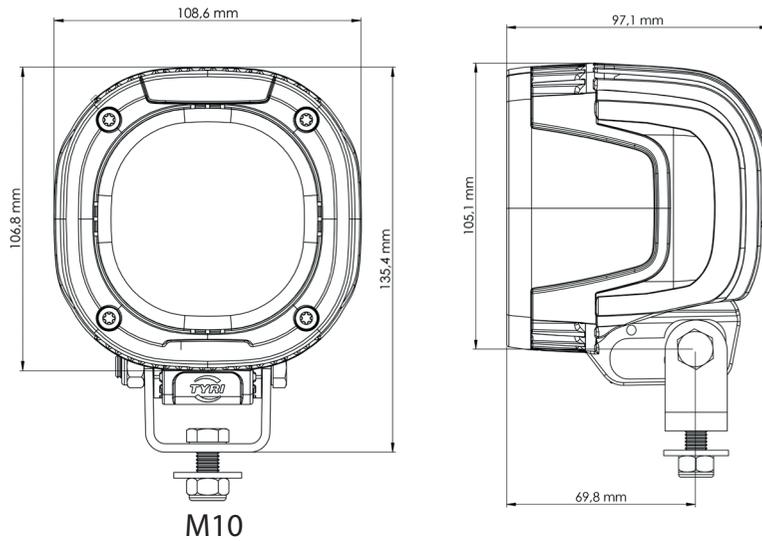
1 Lux
2 Lux
5 Lux
10 Lux
25 Lux
50 Lux

*[Model name] - [effective lumens]

Technical data:	
Description:	LED working light 0909
Voltage:	12 V , 24 V
Output:	22 W (1400 lumens), 29 W (1850 lumens)
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Colour temperature:	5700 K
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	90 x 90 x 85.5 mm, total height 115 mm
Weight:	650 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 5
EMC according to ECE-R10:	(E5) 10R-05 257 (1850 lumens/12 V)
	(E5) 10R-05 258 (1850 lumens/24 V)
	(E5) 10R-05 255 (1400 lumens/12 V)
	(E5) 10R-05 256 (1400 lumens/24 V)
	Reversing light according to ECE-R23

1010

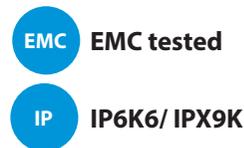
The LED working light 1010 is a powerful all-rounder, which is used e.g. to illuminate operation sites. In the fire brigade sector, this model is also installed on masts. It is available in the colour temperature of 5700 Kelvin, which equates to daylight. The "diffuse" version has a special lens that provides glare-free and reflection-free close-range illumination, such as for vehicles axles, couplings, storage spaces and engine compartments.



Symmetrical



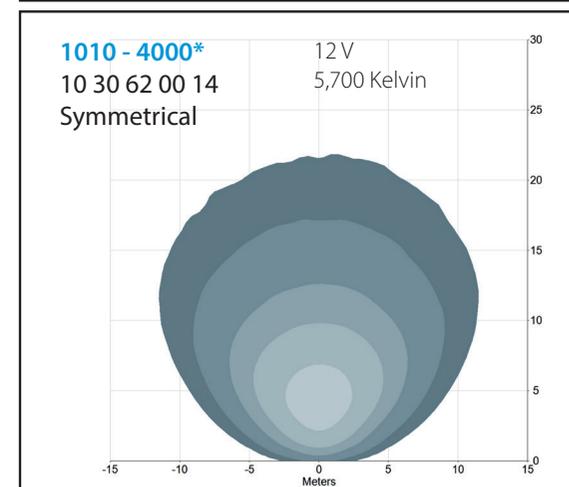
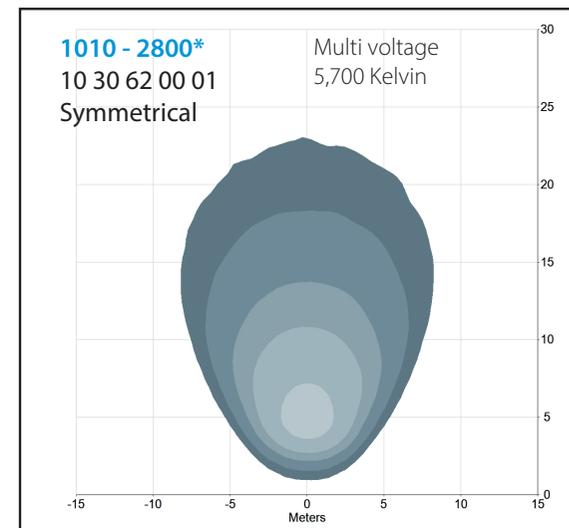
Diffuse



Light beam

Light beam	Voltage	Effective lumens	No. of installed LEDs	Colour temperature	Purchase order number	Price
Symmetrical Standard width	Multi voltage	2800	10	5700	10 30 62 00 19	€ 214.70
Asymmetrical Standard width	Multi voltage	2800	10	5700	10 30 62 00 20	€ 214.70
Symmetrical/ diffuse Standard width	Multi voltage	diffuse	4	5700	10 30 62 00 12	€ 113.30
Symmetrical Standard width	9 - 16 V	4000	4	5700	10 30 62 00 21	€ 243.80
Symmetrical Standard width	18 - 32 V	4000	4	5700	10 30 62 00 22	€ 243.80

Technical data:	
Description:	LED working light 1010
Voltage:	9-60 V, 12 V or 24 V
Output:	38 W (2800 lumens) / 50 W (4000 lumens)
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	106.8 x 108.6 x 97.1 mm, total height 135.4 mm
Weight:	1150 g / model 1010 diffuse: 915 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 5
EMC according to ECE-R10:	Ⓔ 10R-05 260 (2800 lumens/ multi voltage)
	Ⓔ 10R-05 259 (diffuse/ multi voltage)
	Ⓔ 10R-05 261 (4000 lumens/ 9-16 V)
	Ⓔ 10R-05 262 (4000 lumens/ 18-32 V)

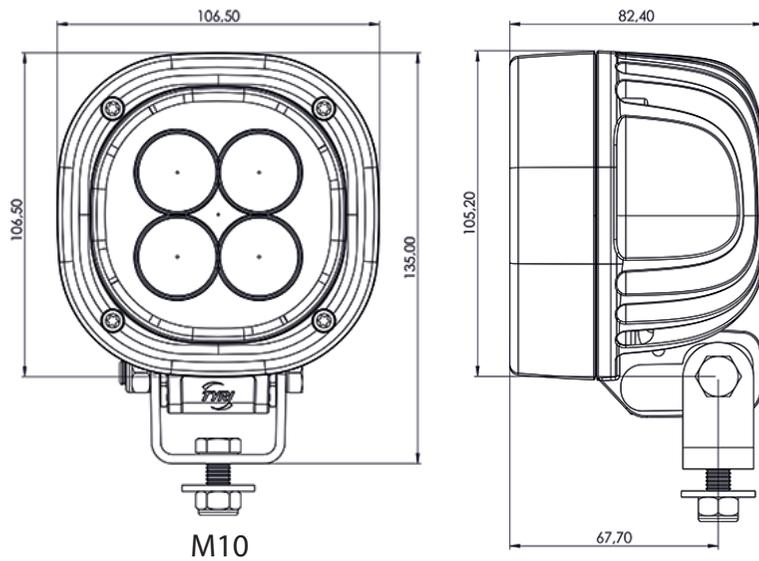


1 Lux
2 Lux
5 Lux
10 Lux
25 Lux
50 Lux

*[Model name] - [effective lumens]

1010 Whitepoint / Bluepoint

The LED working light 1010 Whitepoint is designed for application areas where a particularly highly effective working light is needed for concentrated light at a greater distance. It is suitable both for installation next to water cannons / on cranes, as well as for cleaning sewers. The area is illuminated as a square. The greater the distance, the larger the area illuminated. (compare with 1010 Whitepoint light beam) To prevent accidents, for example when driving a forklift truck, a special version of the 1010 Whitepoint with blue spot lighting was developed. With its concentrated light beam, the light shows a blue spot on the floor that accompanies the forklift truck and hence tells warehouse staff that a vehicle is on its way.



Whitepoint



Bluepoint

EMC EMC tested

IP IP6K6/ IPX9K

Vibration test

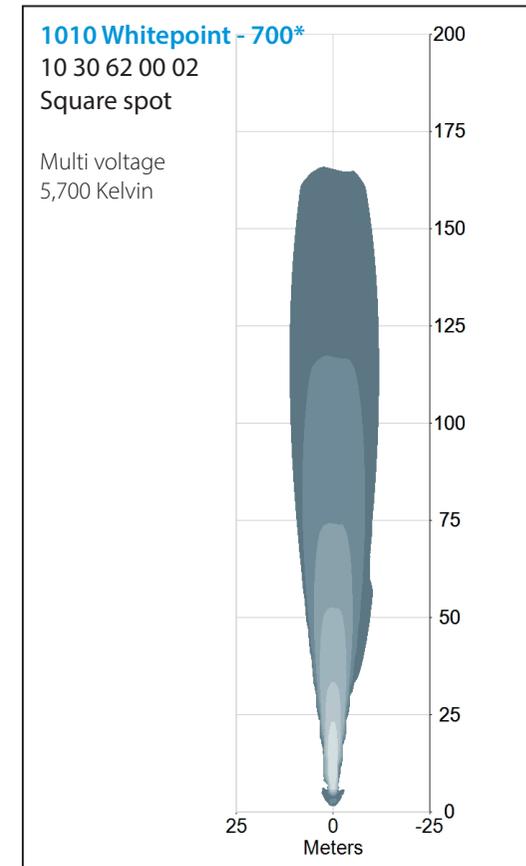
Salt spray test

1010 Whitepoint / Bluepoint

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Whitepoint Standard width	Multi voltage	700	4	10 30 62 00 02	€ 169.90
Bluepoint Blue spot lighting	Multi voltage	700	4	10 30 62 00 04	€ 119.00

Technical data:	
Description:	LED working light 1010 Whitepoint/Bluepoint
Voltage:	9-60 V
Output:	17 W
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Colour temperature:	5700 K
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	106.5 x 106.5 x 82.4 mm, total height 135 mm
Weight:	920 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 5
EMC according to ECE-R10:	(E5) 10R-05 259

Light beam



*[Model name] - [effective lumens]

Special models



1010

Image similar

The tried-and-tested 1010 working light is now also available with the following extra features:

- practical grip
- magnetic base
- spiral cable with universal cigarette lighter plug

(You can find more detailed information about the working light on Page 8.)

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Symmetrical Standard width	Multi voltage	2800	10	10 30 62 00 23	€ 265.60



**1010
Whitepoint**

The tried-and-tested 1010 Whitepoint working light is now also available with the following extra features:

- practical grip
- magnetic base
- spiral cable with universal cigarette lighter plug

(You can find more detailed information about the working light on Page 10.)

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Whitepoint square spot	Multi voltage	700	4	10 30 62 00 06	€ 223.40





1010 High beam

This LED working light was specially developed for vehicles in on-road and off-road usage where perfect wide illumination is necessary. It is suitable for off-road passenger vehicles and sprinters.

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Spot	9-16 V	2100	6	10 30 62 00 18	€ 225.50



1010 IR

The 1010 IR LED working light is a powerful and reliable complement to night-vision cameras and IR detectors due to its infrared light. It improves night vision functions and is configured for 850 nm.

Light beam	Voltage	Purchase order number	Price
Infrared lighting	Multi voltage	10 30 62 00 17	€ 280.40

Technical data:		
Description:	LED working light 1010 high beam	LED working light 1010 IR
Voltage:	12 V	9-60 V
Output:	28 W	14 W
Protection class:	IP6K6/ IPX9K	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium	Housing made of die-cast aluminium
Colour temperature:	5700 K	
Connector:	Integrated DT04-2P	Integrated DT04-2P
Dimensions (HxWxD):	106.5 x 106.5 x 82.4 mm Total height 135.4 mm	106.8 x 106.8 x 97.10 mm Total height 135.4 mm
Weight:	900 g	1,150 g

EMC EMC tested

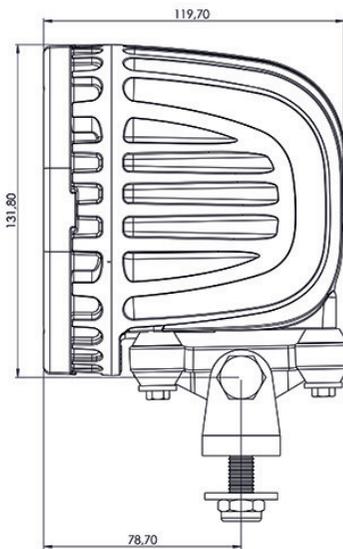
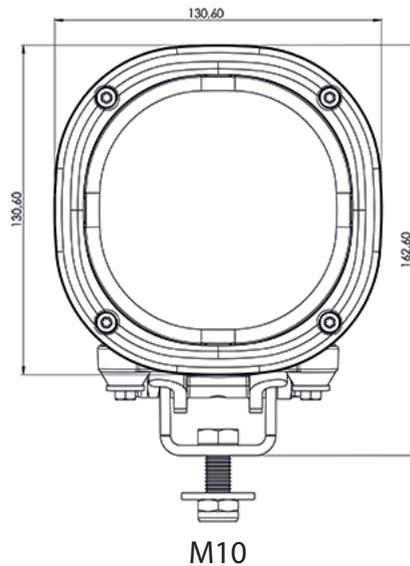
Vibration test

IP IP6K6/ IPX9K

Salt spray test

1313

The 1313 model is a powerful LED working light for use on the fire engine tower or on large vehicles. Due to the extra vibration dampening and a particularly sturdy housing, the product is characterised by robustness and durability. This large all-rounder is available with a symmetrical or asymmetrical light beam and can therefore be used to illuminate the surrounding area or to specifically light up an operation site on the ground.



EMC EMC tested

IP IP6K6/ IPX9K

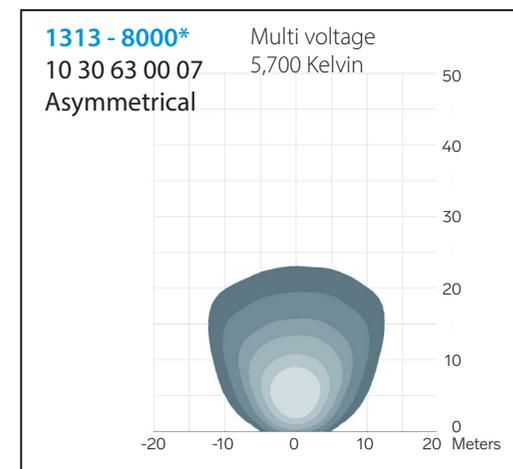
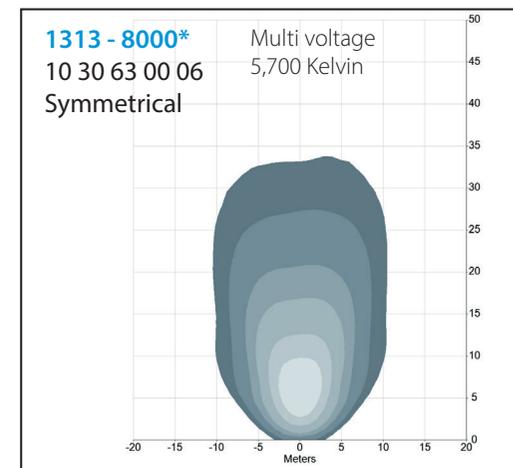
 **Vibration test**

 **Salt spray test**



Light beam

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Symmetrical Standard width	Multi voltage	8000	7	10 30 63 00 06	€ 537.20
Asymmetrical Standard width	Multi voltage	8000	7	10 30 63 00 07	€ 537.20



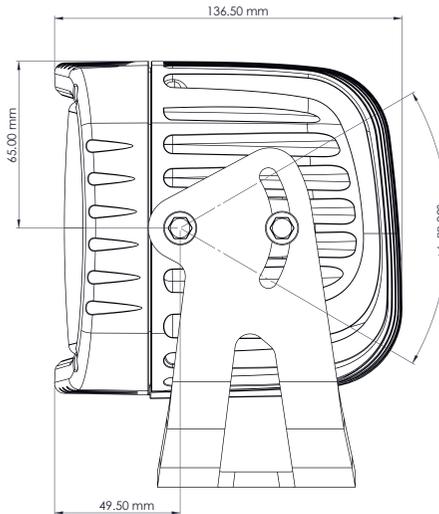
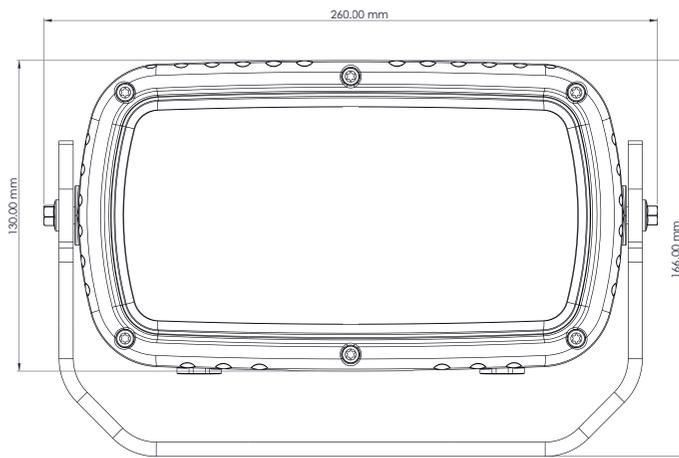
1 Lux
2 Lux
5 Lux
10 Lux
25 Lux
50 Lux

*[Model name] - [effective lumens]

Technical data:	
Description:	LED working light 1313
Voltage:	9-60 V
Output:	82 W
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Colour temperature:	5700 K
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	130.6 x 130.6 x 119.7 mm Total height 162.6 mm
Weight:	2300 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 4
EMC according to ECE-R10:	(E5) 10R-05 263

1323

The 1323 model is a powerful LED working light for use on the fire engine tower or on large vehicles. Due to a particularly sturdy housing, the product is characterised by robustness and durability. This large all-rounder is available with a symmetrical light beam and can therefore be used to illuminate the surrounding area. The vertical alignment can be adjusted within an angle of 30°.



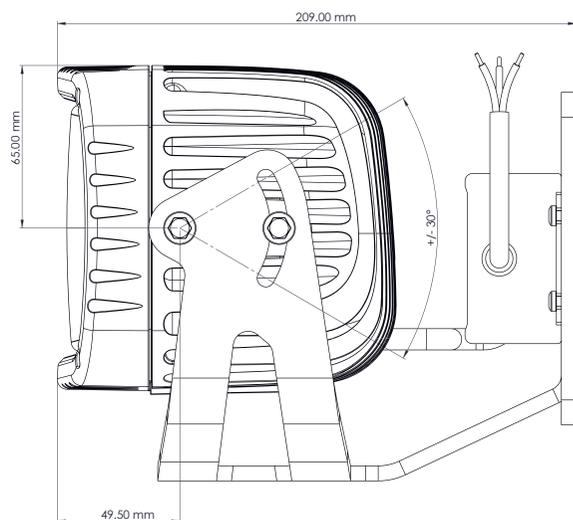
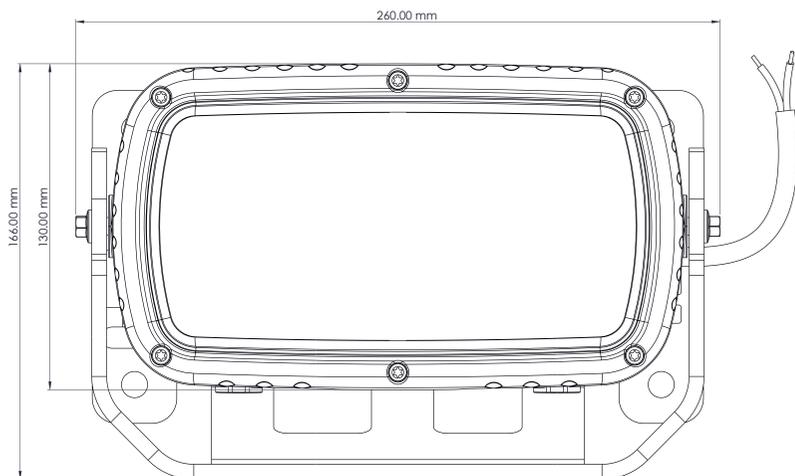
1323 - 24 V



Symmetrical light



1323 AC



1323 - 230 V AC



Symmetrical light

EMC EMC tested

Vibration test

IP IP6K6/ IPX9K

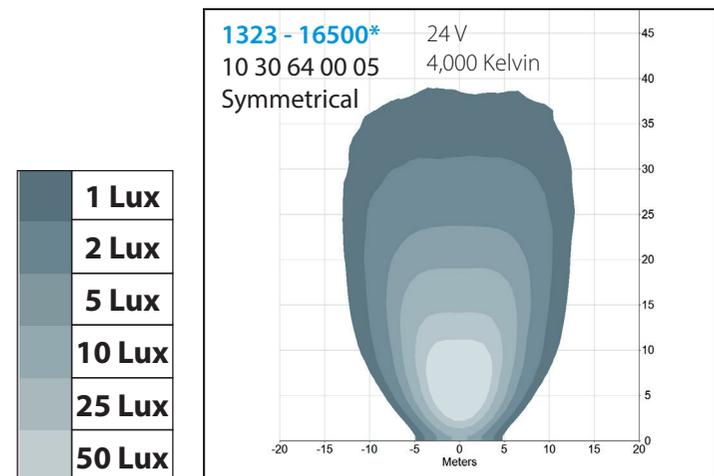
Salt spray test

1323

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Symmetrical Standard width	230 V	13500	12	10 30 64 00 02	€ 1.025.20
Symmetrical Standard width	24 V	16500	12	10 30 64 00 05	€ 887.60

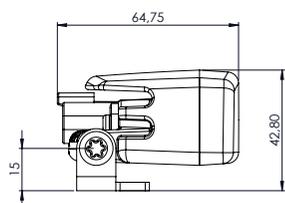
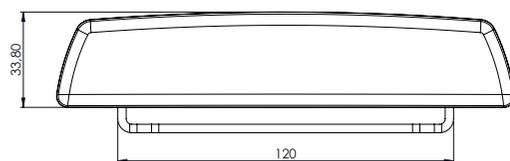
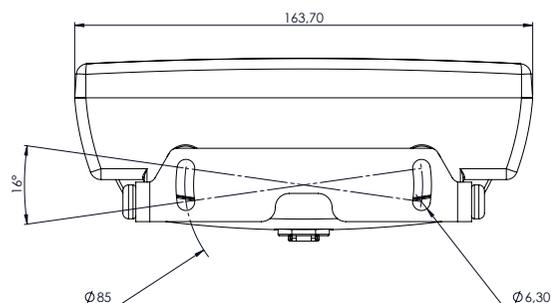
Technical data:	
Description:	LED working light 1323
Voltage:	24 V; 230 V
Output:	150 W
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Colour temperature:	4000 K
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	130 x 260 x 136.5 mm, total height 148 mm (230 V) 130 x 260 x 209 mm, total height 166 mm (24 V)
Weight:	7200 g (230 V) / 4700 g (24 V)
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 4
EMC according to ECE-R10:	(E5) 10R-05 264

Light beam



*[Model name] - [effective lumens]

The LED working light VL 4 impresses due to its compact and flat design. This model is available with a symmetrical and asymmetrical light beam and is supplied with a corresponding mounting bracket. It is suitable for attaching on the outside of the vehicle or also for illuminating the interior of the vehicle. This light is also suitable for mounting on the universal support brackets used for the DBS 5000. In this way, periphery lighting can be realised without drilling extra holes in the roof.



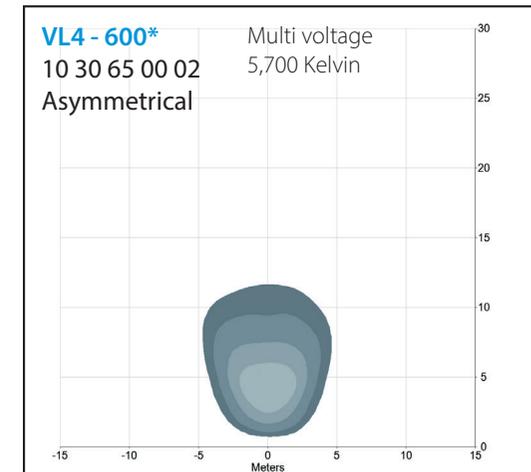
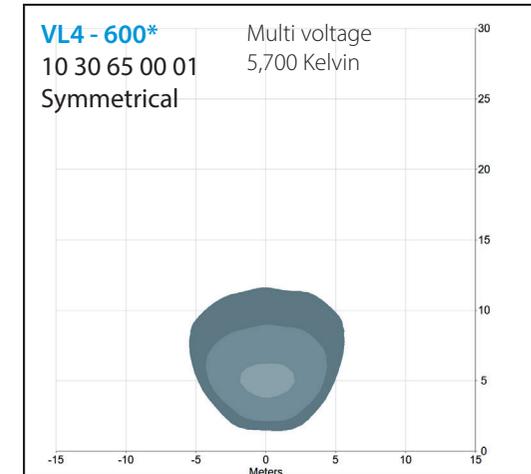
VL4

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Symmetrical Standard width e.g. as periphery lighting	Multi voltage	600	4	10 30 65 00 01	€ 119.00
Asymmetrical Standard width for sub-roof mounting	Multi voltage	600	4	10 30 65 00 02	€ 119.00

Technical data:	
Description:	LED working light VL4
Voltage:	9-60 V
Output:	15 W
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Colour temperature:	5700 K
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	33.9 x 163.6 x 69.8 mm, total height 42.8 mm
Weight:	358 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 3
EMC according to ECE-R10:	Ⓔ 10R-05 265

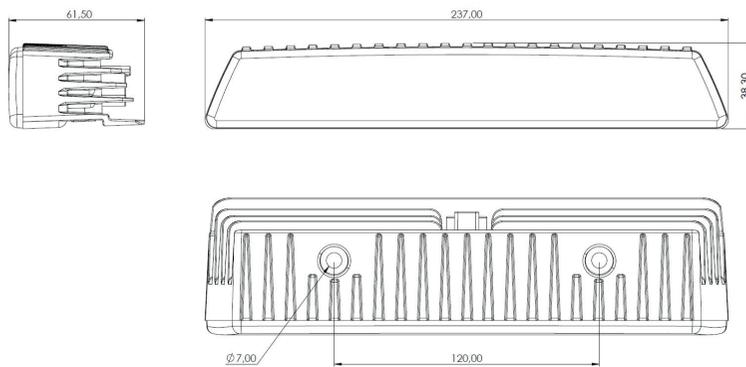
1 Lux
2 Lux
5 Lux
10 Lux
25 Lux
50 Lux

Light beam



*[Model name] - [effective lumens]

The LED working light VL 6 impresses due to its compact and flat design. This model is available with a symmetrical and asymmetrical light beam. It is suitable for attaching on the outside of the vehicle or also for illuminating the loading space.



Symmetrical light



Asymmetrical light



EMC tested



IP6K6/ IPX9K



Vibration test

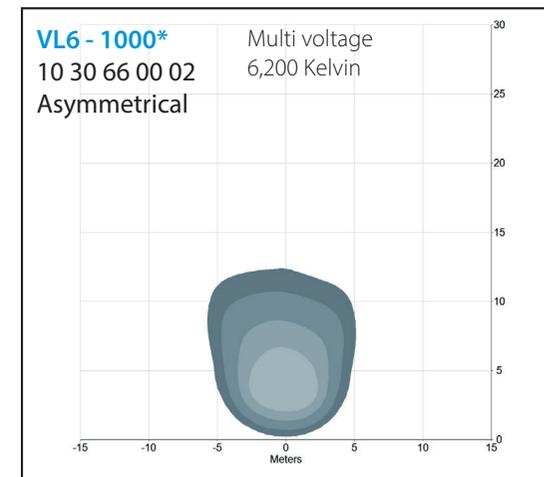
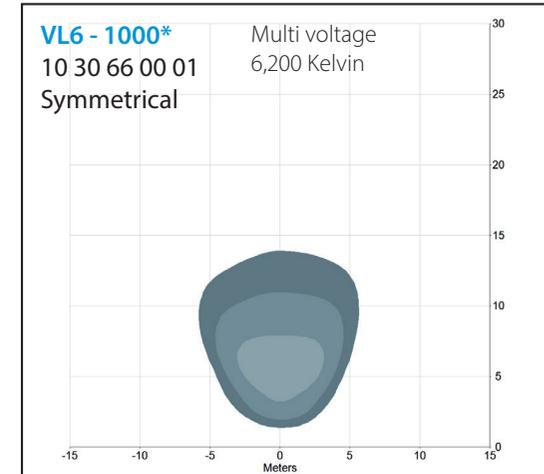


Salt spray test

VL6

Light beam	Voltage	Effective lumens	No. of installed LEDs	Purchase order number	Price
Symmetrical Standard width	Multi voltage	1000	6	10 30 66 00 01	€ 158.60
Asymmetrical Standard width for sub-roof mounting	Multi voltage	1000	6	10 30 66 00 02	€ 158.60
Asymmetrical Standard width for on-roof installation	Multi voltage	1000	6	10 30 66 00 03	€ 158.60

Light beam



1 Lux
2 Lux
5 Lux
10 Lux
25 Lux
50 Lux

*[Model name] - [effective lumens]

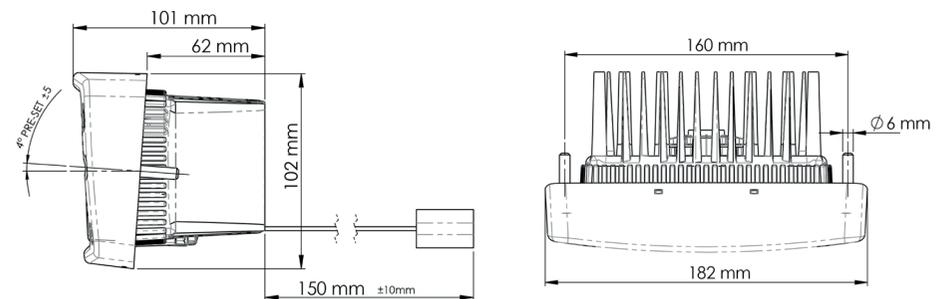
Technical data:	
Description:	LED working light VL6
Voltage:	9-60 V
Output:	24 W
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Colour temperature:	6200 K
Connector:	Integrated DT04-2P
Dimensions (HxWxD):	38.3 x 237 x 61.5 mm, total height 38.3 mm
Weight:	550 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 4
EMC according to ECE-R10:	ES 10R-05 286

HL Compact

The HL Compact LED headlight is designed to allow recessed and thus space-saving installation. As a modern replacement for halogen headlights, it is primarily used on slow-moving and highly vibrating vehicles such as excavators, tractor units, wheeled loaders and dumper trucks.

Technical data:	
Description:	LED headlight HL Compact
Voltage:	24 VDC
Protection class:	IP6K6/ IPX9K
Material:	Housing made of die-cast aluminium
Connector:	150 mm cable with Deutsch DT, 6 Pins
Dimensions (HxWxD):	182 x 102 x 101 mm
Weight:	1,150 g
Homologation: (Germany and international)	
EMC according to DIN EN 55025, CISPR25	Category 4
EMC according to ECE-R10:	(E5) 10R-05 359
Position lamp according to ECE-R7:	(E5) 02787/02788
Daytime driving lamp according to ECE-R87:	(E5) 0001/0002
Dipped/Main beam according to ECE-R112	(E5) 01002/01003/01004

Light beam	Voltage	Effective lumens	Purchase order number	Price
Symmetrical (driver's side) Standard width	24 V	700 (dimmed headlight)	10 30 67 00 01	€ 543,60
Symmetrical (passenger side) Standard width		1500 (full beam)	10 30 67 00 02	€ 543,60



Sputnik Compact

The Sputnik Compact features the latest lighting technology. The cover glass and the integrated LED lenses guarantee maximum light output and a large beam angle. The little all-rounder, the Sputnik Compact, offers many varied possible applications. As a working light it is available with a beam angle of 0° or 0°-24° (white continuous light) and with the option of surface mounting or rack mounting.

Overview of types:

Surface mounting



Rack mounting



OTHER TYPES:

- Rear warning system according to §52 (11) StVZO (German traffic regulations) to safeguard a standing vehicle with blue light facing backwards (yellow)
- Reverse collision warning system according to §53a (3) StVZO (yellow)
- Direction indicator and hazard warning lights (yellow)
- Tail and brake light (red)
- Rear fog lamp (red)

Version	Beam angle	No. of installed LEDs	Purchase order number	Price per lamp body
Rack mounting (with plastic bracket)	0°	4	40 30 20 50 01	€ 149.00
Rack mounting (with plastic bracket)	0° - 24°	4	40 30 20 50 03	€ 149.00
Surface mounting	0°	4	40 30 20 50 04	€ 149.00
Surface mounting	0° - 24°	4	40 30 20 50 02	€ 149.00

Technical data:	
Housing:	Die-cast zinc, coated
Diffusing lens:	PC
Flash sequence:	Continuous light
Protection level:	IP6K5
Voltage:	9-32 V
Ave. power consumption:	0.5 A at 12 V 0.3 A at 24 V
Continuous light	0.55 A at 12 V 0.34 A at 24 V
Homologation: (Germany and international)	
EMC according to ECE-R10:	Ⓔ10R-04 7591

To attach the lights with tripod mount, we have various push-on tubes for mounting on the vehicle in our range. These can also be used to supply power to the lights. We are happy to advise you and together find the best solution for your vehicle and application.

Rechargeable battery

primarily for models with handle and magnet

Voltage: 12 V
 Charging time: 1.5 h
 Operating time: (for model 1010): 1 h
 Max. current drawn: 2 A
 Scope of delivery: Battery, charger,
 Euro power cable



Purchase order number	Price
40 30 62 00 03	€ 129.80

Handle

for models 1010

You can use this optional accessory to subsequently convert the 1010 model series into a light with a handle.



Purchase order number	Price
40 30 62 00 01	€ 18.00

Mirror bracket holder

for models 0909

Support to fit on mirror brackets with a diameter of 15 mm - 28 mm
 Rotatable through 360°
 Adjustable tilt



Purchase order number	Price
40 30 62 00 14	€ 24.60

Tube holder (for 0606 - 1313)

DIN 14640 compliant

The tube holder allows assembly on standardised adapters according to DIN14640.



Purchase order number	Price
40 30 62 00 07	€ 63.80

Spiral cable (1,60 m basic length) with universal plug for working light

The spiral cable enables power supply via the vehicle's cigarette lighter.



Purchase order number	Price
40 30 62 00 02	€ 24.40

Pipe socket fastening holder

for models 1010

Holder for working lights in the 1010 model series for assembly on pipe sockets according to DIN14640. The working light is supplied with power via the integrated Deutsch connector.



Purchase order number	Price
40 30 62 00 12	€ 40.40

Product overview

Product number	Lumen		Voltage			Technical data			Light beam	Bracket	Price
	Effective lumen	Multi voltage 9-60 V DC	12 V DC	24 V DC	230 V AC	Colour temperature (Kelvin)	Number of LEDs	EMC class DIN EN55025			
Type 0606											
10 30 60 00 04	1000		x			5700	1	4	Symmetrical, standard width	Standard - M10	€ 113.30
10 30 60 00 03	1000			x		5700	1	4	Symmetrical, standard width	Standard - M10	€ 113.30
10 30 60 00 06	Diffuse light beam		x			5700	1	4	Diffuse	Standard - M10	€ 113.30
10 30 60 00 05	Diffuse light beam			x		5700	1	4	Diffuse	Standard - M10	€ 113.30
Type 0909											
10 30 61 00 01	1400		x			5700	6	5	Symmetrical, standard width	Standard - M10	€ 124.60
10 30 61 00 02	1400			x		5700	6	5	Symmetrical, standard width	Standard - M10	€ 124.60
10 30 61 00 11	1400		x			5700	6	5	Asymmetrical, standard width, upright installation	Standard - M10	€ 124.60
10 30 61 00 09	1400			x		5700	6	5	Asymmetrical, standard width, upright installation	Standard - M10	€ 124.60
10 30 61 00 12	1400		x			5700	6	5	Asymmetrical, standard width, suspended installation	Standard - M10	€ 124.60
10 30 61 00 10	1400			x		5700	6	5	Asymmetrical, standard width, suspended installation	Standard - M10	€ 124.60
10 30 61 00 05	1850		x			5700	6	5	Symmetrical, standard width	Standard - M10	€ 157.50
10 30 61 00 06	1850			x		5700	6	5	Symmetrical, standard width	Standard - M10	€ 157.50
10 30 61 00 07	1850		x			5700	6	5	Asymmetrical, standard width	Standard - M10	€ 157.50
10 30 61 00 08	1850			x		5700	6	5	Asymmetrical, standard width	Standard - M10	€ 157.50
Type 1010											
10 30 62 00 19	2800	x				5700	10	5	Symmetrical, standard width	Standard - M10	€ 214.70
10 30 62 00 20	2800	x				5700	10	5	Asymmetrical, standard width	Standard - M10	€ 214.70
10 30 62 00 12	Diffuse light beam	x				5700	4	5	Diffuse	Standard - M10	€ 113.30
10 30 62 00 21	4000		x			5700	4	5	Symmetrical, standard width	Standard - M10	€ 243.80
10 30 62 00 22	4000			x		5700	4	5	Symmetrical, standard width	Standard - M10	€ 243.80
10 30 62 00 02	700	x				5700	4	5	Square spot	Standard - M10	€ 169.90
10 30 62 00 04	700	x				5700	4	5	Blue spot lighting	Standard - M10	€ 119.00
10 30 62 00 23	2800	x				5700	10	5	Symmetrical	Magnet, handle, spiral cable	€ 265.60
10 30 62 00 06	700	x				5700	4	5	Square spot	Magnet, handle, spiral cable	€ 223.40
10 30 62 00 18	2100		x			5700	6	5	Spot	Standard - M10	€ 225.50
10 30 62 00 17		x						3	Infrared lighting	Standard - M10	€ 280.40

Product overview

Product number	Lumen	Voltage			Technical data			Light beam	Bracket	Price	
		Effective lumen	Multi voltage 9-60 V DC	12 V DC	24 V DC	230 V AC	Colour temperature (Kelvin)				Number of LEDs
Type 1313											
10 30 63 00 06	8000	x				5700	7	4	Symmetrical, standard width	Standard - M10	€ 537.20
10 30 63 00 07	8000	x				5700	7	4	Asymmetrical	Standard - M10	€ 537.20
Type 1323											
10 30 64 00 02	13500				x	4000	12	4	Symmetrical, standard width	Ø9 mm/ Distance 120 mm	€ 1,025.20
10 30 64 00 05	16500			x		4000	12	4	Symmetrical, standard width	Ø9 mm/ Distance 120 mm	€ 887.60
VL4											
10 30 65 00 01	600	x				5700	4	3	Symmetrical, standard width	Ø6.3 mm/ Distance 85 mm	€ 119.00
10 30 65 00 02	600	x				5700	4	3	Asymmetrical, standard width (for sub-roof installation)	Ø6.3 mm/ Distance 85 mm	€ 119.00
VL6											
10 30 66 00 01	1000	x				6200	6	4	Symmetrical, standard width	Ø7 mm/ Distance 120 mm	€ 158.60
10 30 66 00 02	1000	x				6200	6	4	Asymmetrical, standard width (for sub-roof installation)	Ø7 mm/ Distance 120 mm	€ 158.60
10 30 66 00 03	1000	x				6200	6	4	Asymmetrical, standard width (for on-roof installation)	Ø7 mm/ Distance 120 mm	€ 158.60
HL Compact											
10 30 67 00 01	700 / 1500			x		Special model			Symmetrical, standard width (driver's side)	Ø6 mm/ Distance 160 mm	€ 543.60
10 30 67 00 02	700 / 1500			x					Symmetrical, standard width (passenger side)		
The following applies to all above-mentioned working / headlights: protection rating IP6K6/ IPX9K, vibration resistance, salt spray test, EMC according to ECE-R10.											
	Effective lumen	Multi voltage 9-32 V DC	12 V DC	24 V DC	230 V AC	Colour temperature (Kelvin)	Number of LEDs	EMC according to ECE-R10:			
Sputnik Compact											
40 30 20 50 01	750	x				6200	4	x	Symmetrical (0 °)	Rack mounting	€ 149.00*
40 30 20 50 03	750	x				6200	4	x	Asymmetrical (0 ° - 24 °)	Rack mounting	€ 149.00*
40 30 20 50 04	750	x				6200	4	x	Symmetrical (0 °)	Surface mounting	€ 149.00*
40 30 20 50 02	750	x				6200	4	x	Asymmetrical (0 ° - 24 °)	Surface mounting	€ 149.00*
All prices exclude VAT. / * Price per lamp body / x = present											

Light beam

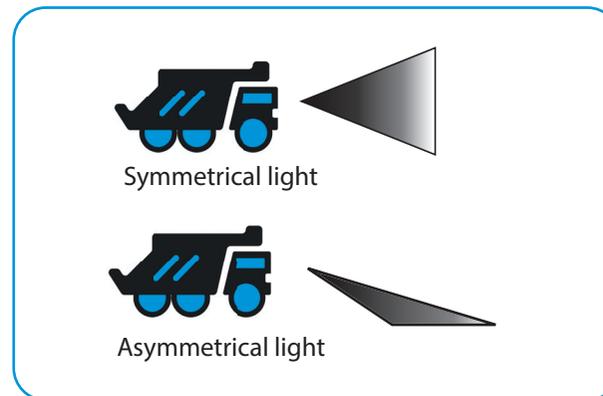
Asymmetrical diffuser lenses are designed so that the light only shines downwards (see Fig.). This has the critical benefit that the light beams can be targeted and not be dissipated.

LED working lights with symmetrical light beams shine forwards over a large area. This creates a larger illuminated area.

The lux value on the ground is often even higher with asymmetrical light beams than with symmetrical ones, with the same lumen output.

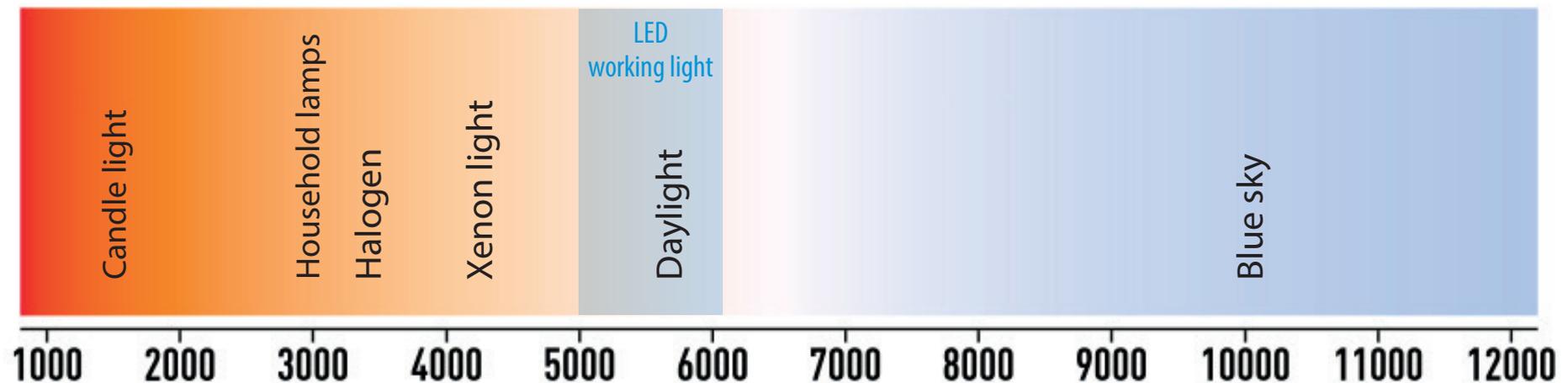
The light beams on the sides of the LED working lights indicate the lux values reached at a particular distance and a set installation height, measured in metres.

The scale opposite shows the colour coding of the lux values.



A light colour of 5,000-6,000 Kelvin, which is almost the same as daylight, prevents rapid fatigue of the human eye and enables optimum visibility at the site of operation.

Colour temperatures in Kelvin



The light colour, also called the colour temperature, is measured in Kelvin. Daylight has a light colour of 5,500 Kelvin. A good LED working light should have a light colour between 5,000 and 6,000 Kelvin. Values that are much higher than this cause human eye fatigue after a long period. The light appears too bright and problems regarding colour reproduction occur.

For certain purposes, for example if there is rain and fog at the site of the accident, or in the mining sector, under dusty conditions, light colours with 3,000 and 4,000 Kelvin are more suitable, as the penetration factor of yellow tinted light is higher.

Notes

Hänsch[®]///

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LED worklights

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