

ELPARTS

LIGHTING Daytime running lights | Headlights | Lights | Reflectors | Warning equipment |
Connection sets | Bulb sockets | Bulbs



herthundbuss.com

Worklights



 **HERTH+BUSS**





Headlights

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Worklight

LED



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**>> KNOW+HOW****Problem: Which is the right one?**

Worklights help make day to day work processes much easier. They allow you to manoeuvre more precisely, for example. In critical situations, better vision can help a driver

react more quickly, as well as making work safer in general. But the market is full of different worklights. Which one do you choose? Which one is best for your requirements?

**Solution: Here are a few things to bear in mind when selecting a light.****Present lighting**

- What do you already have? Is it enough to replace the technology you already have (with modern technology like xenon or LED, for example, which will help lower costs in the long term), or do you need to increase light intensity?

Work area

- Where do you work every day? Each different area will have different lighting requirements. The spectrum here ranges from a long-range but narrow illumination to precise, close-range illumination, for example when loading or unloading goods at a factory.

Combined headlight equipment

- Is it possible to expand the available lighting equipment? Sometimes, adding extra worklights (always in pairs) is all it takes to improve light quality.

Quality of the lighting equipment

- Is the work mostly conducted in concrete halls or on asphalted areas? In these cases, the risk of damage to the headlights caused by vibration influences is much lower than in fields or on construction sites. Filament-free LED headlights are more suited for these working environments.



» COMPARISON LED AND HALOGEN TECHNOLOGY



The majority of the worklights we offer are LED worklights. LED stands for Light Emitting Diode. This is a light-emitting semiconductor component. Compared with the traditional halogen headlights, LED worklights are of higher quality, economical, have a much longer service life and are also

more environmentally friendly. The traditional halogen lamp, on the other hand, is usually cheaper, but also has a shorter service life. Another disadvantage of the halogen lamp is the development of heat and the poorer energy balance. Even though LED lights are more ex-

pensive to buy, the better quality and significantly longer service life are still major advantages. In the field of vehicle lighting, it is important to point out that LED lights are often maintenance-free, i.e. they do not usually have to be replaced over the life of a vehicle.



Halogen technology



LED technology



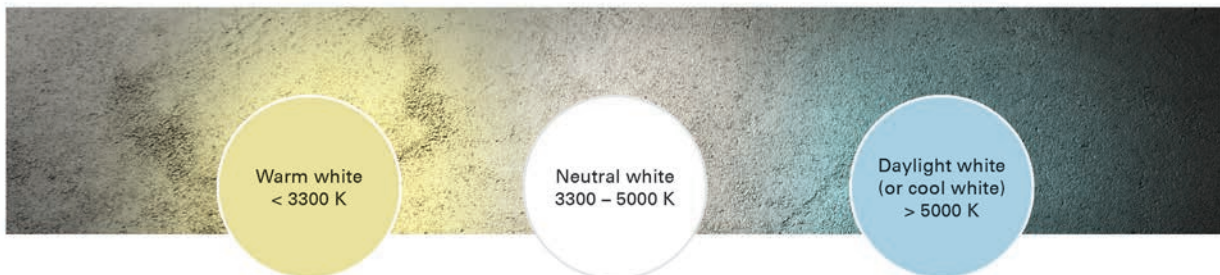
» WHAT LIGHT COLOURS ARE THERE?



A distinction is also made between the different light colours. Light colour does not mean blue or green light, but the composition of white light, i.e. the inclination to warm white or cool white. The light colour is also known as the colour temperature and is specified in Kelvin (K).

The higher the temperature, the cooler the light colour. A distinction is made between the following colour temperatures:

- Warm white < 3,300 K
- Neutral white 3,300 - 5,000 K
- Daylight white (cool white) > 5,000 K





» UNIVERSAL



Our universal worklights can be used in a variety of ways and meet the highest quality standards. We offer a wide selection of worklights that can be used universally at an attractive price/performance ratio. You are sure to find the

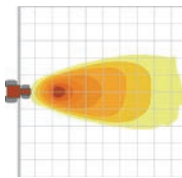
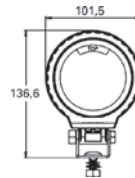
right worklight for your working area here, enabling you to optimise your view and visibility in the work area. It goes without saying that all the worklights offered are EMC/ECE-certified.




Worklight

LED

- Diameter:** 101,5 mm
- WxHxD:** 136,6 x 63,5 mm
- ECE norm:** R10
- Temperature range:** -40 to +65 °C
- Light Distribution:** Short distance lighting
- Info:** Electromagnetic Compatibility (EMC)
- Fastening Type:** Single pivoted lever
- Voltage:** 10 to 30 V
- Rated Power:** 14,4 W



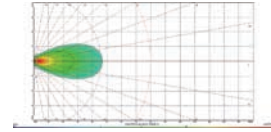
Housing Type	LEDs	Lumen lm	IP-Code	Cable Length mm	Connector	DU	Article no.
Aluminium Housing	4	500	IP 67	540		1	80690300
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000



Worklight

LED

Diameter: 122 mm
WxD: 26 mm
Height 1/2: 122 / 150 mm
ECE norm: R10
 R23
Light Distribution: Short distance lighting
Info: with accessories
 Electromagnetic
 Compatibility (EMC)
Rated Voltage: 12 V
 24 V
Housing material: Plastic
Fastening Type: Single pivoted lever
Voltage: 12 to 36 V
Rated Power: 14 W

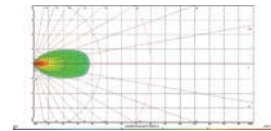
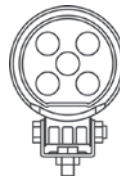


Mounting	LEDs	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.
mounting Deutsch Connector	14	1250	6000	IP 68		1	80690332
Accessories					Cable Length mm	see	DU
Base, worklight				200	Page 30	1	80691310
Plug Housing Set Deutsch DT (TE Connectivity)					Page 31	1	50390595
					Katalog04	1	50390600
Base, worklight Magnet Base					Page 29	1	80691000

Worklight

LED

WxD: 75 x 31 mm
Height 1/2: 75 / 103 mm
ECE norm: R10
Temperature range: -40 to 65 °C
Light Distribution: Short distance lighting
Rated Voltage: 12 V
 24 V
Housing material: Aluminium
Voltage: 12 to 36 V
Rated Power: 25 W
Mounting: mounting
 open end



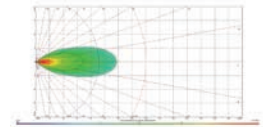
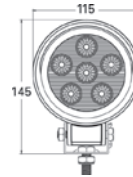
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
5	1300	6000	IP 69K	200		1	80690335
Accessories					see	DU	
Plug Housing Set Deutsch DT (TE Connectivity)					Page 31	1	50390595
Base, worklight					Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000




Worklight

LED

Diameter: 115 mm
WxHxD: 145 x 56 mm
ECE norm: R10
Light Distribution: Short distance lighting
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 10 to 30 V
Rated Power: 18 W
Housing Type: Aluminium
Mounting: Housing mounting

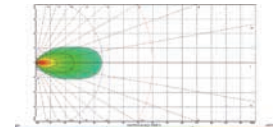
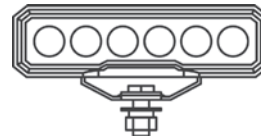



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
6	1620	6000	IP 68	400		1	80690306
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000

Worklight

LED

WxD: 160 x 38 mm
Height 1/2: 45 / 65 mm
ECE norm: R10
Temperature range: -40 to 65 °C
Light Distribution: Short distance lighting
Rated Voltage: 12 V / 24 V
Housing material: Aluminium
Voltage: 12 to 24 V
Rated Power: 30 W
Mounting: mounting open end



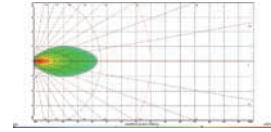
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
6	1750	6000	IP 69K	200	 NEW	1	80690337
Accessories					see	DU	
Base, worklight					Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000
Plug Housing Set Deutsch DT (TE Connectivity)					Page 31	1	50390595



Worklight

LED

WxD: 114 x 32 mm
 Height 1/2: 114 / 146 mm
 ECE norm: R10
 R23
Light Distribution: Short distance lighting
Info: with accessories
 Electromagnetic
 Compatibility (EMC)
Rated Voltage: 12 V
 24 V
Housing material: Plastic
Fastening Type: Single pivoted lever
Voltage: 12 to 36 V
Rated Power: 13 W

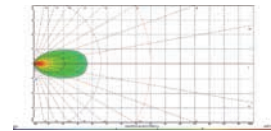
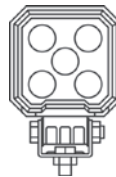


Mounting	LEDs	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.
mounting Deutsch Connector	13	1200	6000	IP 68		1	80690331
Accessories					Cable Length mm	see	DU
Base, worklight					200	Page 30	1 80691310
Plug Housing Set Deutsch DT (TE Connectivity)						Page 31	1 50390595
						Katalog04	1 50390600
Base, worklight Magnet Base						Page 29	1 80691000

Worklight

LED

WxD: 75 x 37 mm
 Height 1/2: 75 / 100 mm
 ECE norm: R10
Temperature range: -40 to 65 °C
Light Distribution: Short distance lighting
Rated Voltage: 12 V
 24 V
Housing material: Aluminium
Voltage: 12 to 36 V
Rated Power: 25 W
Mounting: mounting
 open end



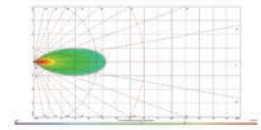
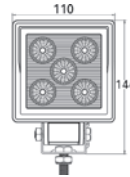
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
5	1300	6000	IP 69K	200		1	80690336
Accessories					see	DU	
Base, worklight Magnet Base						Page 29	1 80691000
Plug Housing Set Deutsch DT (TE Connectivity)						Page 31	1 50390595
Base, worklight						Page 30	1 80691310




Worklight

LED

WxHxD: 110 x 144 x 51 mm
ECE norm: R10
Light Distribution: Short distance lighting
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 10 to 30 V
Rated Power: 15 W
Housing Type: Aluminium Housing
Mounting: mounting

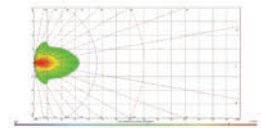
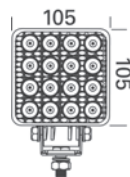



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
5	1620	6000	IP 68	400		1	80690305
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000

Worklight

LED

WxHxD: 105 x 105 x 27 mm
ECE norm: R23/R10
Light Distribution: Short distance lighting
Info: Electromagnetic Compatibility (EMC)
Rated Voltage: 12 V
 24 V
Housing material: Plastic
Fastening Type: Single pivoted lever
Voltage: 10 to 30 V
Rated Power: 12 W
Mounting: mounting



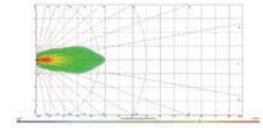
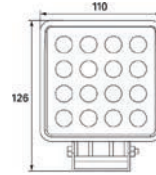
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
16	1800	5500	IP 67	1500		1	80690320
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000



Worklight

LED

WxHxD: 110 x 110 x 72 mm
ECE norm: R10
Temperature range: -30 to +50 °C
Light Distribution: Short distance lighting
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 9 to 32 V
Rated Power: 48 W
Housing Type: Aluminium Housing
Mounting: mounting

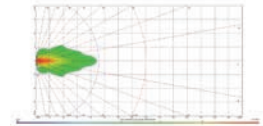
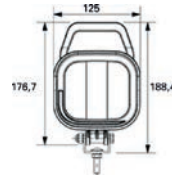


LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
16	3070	6000	IP 67	280		1	80690317
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000

Worklight

LED

WxHxD: 125 x 188 x 82 mm
ECE norm: R10
Light Distribution: Short distance lighting with switch with handle
Info: Electromagnetic Compatibility (EMC)
Voltage: 36 V
Rated Power: 22 W
Housing Type: Aluminium Housing
Mounting: mounting



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
9	2160	6000	IP 67	280		1	80690322
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000



Worklight

LED

Lighting functions adjustable in 3 levels: Level 1 = standard operation; Level 2 = energy-saving mode; Level 3 = SOS light.

- rechargeable battery

WxHxD: 103 x 122 x 97 mm

Light Distribution: Short distance lighting

Info: with charger

with handle

with cigarette lighter plug

with switch

Rated Voltage: 12 V

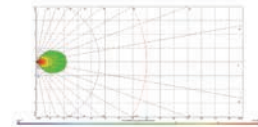
24 V


Battery: Li-Ion Battery

with load status display

Housing material: Plastic

Bulb Type: LED



Rated Power W	Moun-ting	Lu-men lm	Burn Time Std.	Charging time hr.	Connector	DU	Article no.
15	Magnetic	1000	2,5	5		1	80690327



» AGRICULTURAL



Worklights used in the agricultural sector must be extremely robust to meet all the off-road requirements. They are usually expected to provide outstanding and extensive illumination of the site. Especially when it comes to harvesting in darkness, optimal visibility

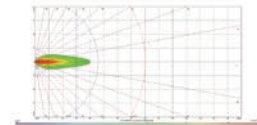
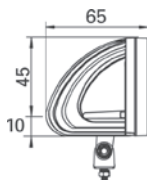
conditions at the sides and for long distances in front of the vehicle are required. Protection class also plays a role in agriculture. To ensure that our agricultural worklights can withstand conventional stresses, they have at least protection class IP 67.




Worklight

LED

- Diameter: 55 mm
- WxD: 65 mm
- ECE norm: R10
- Light Distribution: Short distance lighting
- Info: Electromagnetic Compatibility (EMC)
- Rated Voltage: 12 V
24 V
- Fastening Type: Single pivoted lever
- Voltage: 10 to 30 V
- Rated Power: 10 W
- Mounting: mounting



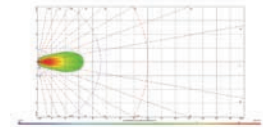
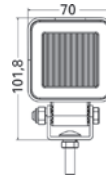
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
1	800	6000	IP 67	1500		1	80690319
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000




Worklight

LED

WxHxD: 70 x 101,8 x 42,6 mm
ECE norm: R10
Temperature range: -30 to +50 °C
Light Distribution: Short distance lighting
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 12 to 36 V
Rated Power: 8 W
Housing Type: Aluminium Housing
Mounting: mounting

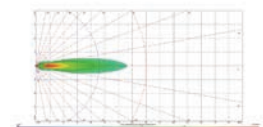
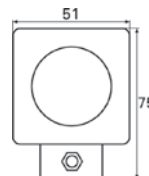



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
3	720	6000	IP 69	280		1	80690311
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000

Worklight

LED

WxHxD: 51 x 75 x 61 mm
ECE norm: R10
Light Distribution: Long-range illumination
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 9 to 50 V
Rated Power: 10 W
Housing Type: Aluminium Housing
Mounting: mounting



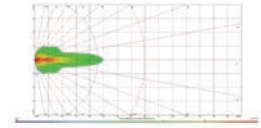
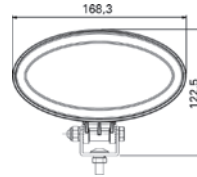
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
1	650	6000	IP 67	360		1	80690307
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000



Worklight

LED

WxHxD: 168,3 x 122,5 x 67,7 mm
ECE norm: R10
Temperature range: -30 to +50 °C
Light Distribution: Long-range illumination
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 12 to 36 V
Rated Power: 22 W
Housing Type: Aluminium Housing
Mounting: mounting



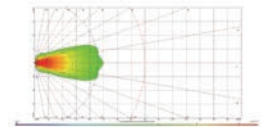
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	DU	Article no.
10	2400	6000	IP 69K	280	1	80690315
Accessories				Cable Length mm	see	DU
Base, worklight				200	Page 30	1 80691310
Base, worklight Magnet Base					Page 29	1 80691000

Worklight

LED

- extremely wide-beam light distribution
- compact design
- low weight, approx. 0.5 kg

WxHxD: 123,8 x 145,9 x 51,6 mm
ECE norm: R10
Temperature range: -30 to +50 °C
Light Distribution: Off-road Lighting
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 12 to 36 V
Rated Power: 21 W
Housing Type: Aluminium Housing
Mounting: mounting



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	DU	Article no.
9	2160	6000	IP 69K	280	1	80690314
Accessories				Cable Length mm	see	DU
Base, worklight				200	Page 30	1 80691310
Base, worklight Magnet Base					Page 29	1 80691000




Worklight

LED

The attachment bracket on the housing can be horizontally adjusted.

WxHxD: 235 x 107 x 73 mm
ECE norm: R10
Light Distribution: Off-road Lighting
Info: Electromagnetic Compatibility (EMC)
Fastening Type: Single pivoted lever
Voltage: 10 to 30 V
Rated Power: 44 W
Housing Type: Aluminium Housing

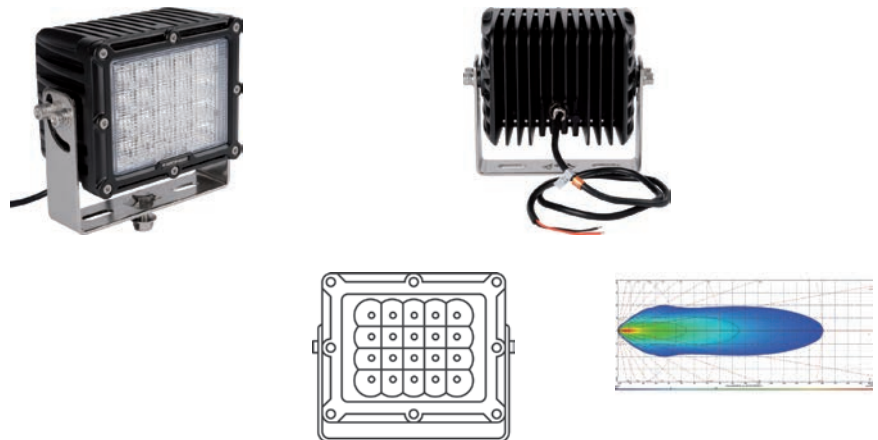



Mounting	LEDs	Lumen lm	IP-Code	Cable Length mm	Connector	DU	Article no.
mounting	18	3200	IP 67	400		1	80690316
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000

Worklight

LED

WxD: 160 x 108 mm
Height 1/2: 130 / 167 mm
ECE norm: R 10
Temperature range: -40 to 65 °C
Light Distribution: Short distance lighting
Rated Voltage: 12 V / 24 V
Housing material: Aluminium / Grey Cast Iron
Voltage: 12 to 48 V
Rated Power: 100 W



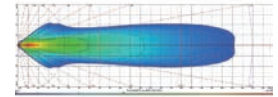
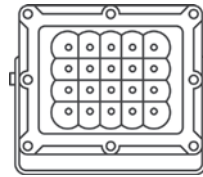
Mounting	LEDs	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.
mounting Bracket mounting open end	20	6600	6500	IP 67		1	80690334
Accessories					see	DU	
Control Unit, lights LED-Adapt					Katalog13	1	76121252
					Katalog13	1	76121253
Plug Housing Set Deutsch DT (TE Connectivity)					Page 31	1	50390595




Worklight

LED

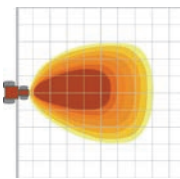
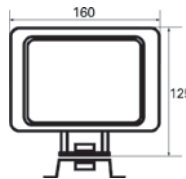
WxD: 160 x 108 mm
 Height 1/2: 130 / 167 mm
 ECE norm: R10
 Temperature range: -40 to 65 °C
 Light: Long-range illumination
 Distribution:
 Rated Voltage: 12 V / 24 V
 Housing material: Aluminium / Grey Cast Iron
 Voltage: 12 to 48 V
 Rated Power: 100 W




Mounting	LEDs	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.
Bracket mounting mounting open end	20	6800	6500	IP 67		1	80690333
Accessories						see	DU
Control Unit, lights LED-Adapt					Katalog13	1	76121252
Plug Housing Set Deutsch DT (TE Connectivity)					Page 31	1	50390595

Worklight

WxHxD: 160 x 125 x 110 mm



Fastening Type	Voltage V	Bulb Type	Housing Type	Mounting	Connector	DU	Article no.	
Single pivoted lever	12 / 24	H3	Synthetic Material Housing	Flat Plug-in Connector		1	80690113	
Accessories				Voltage V	Socket Type	see	DU	
Bulb H3				12	PK22s	Page 29	1	89901094
				24		Page 29	1	89901095
Base, worklight Magnet Base						Page 29	1	80691000



» ADR APPROVAL

ADR is the abbreviation for Accord européen relatif au transport international des marchandises Dangereuses par Route. The European agreement on the international transport of dangerous goods on the road was signed in 1957 and came into force in 1968. The main focus is on handling dangerous goods in road traffic. It defines, among other things, hazardous material classes, safety measures, marking and packaging of hazardous goods.

Anyone involved in transporting hazardous goods is obliged to comply with these regulations.

How do I get ADR approval?

ADR approval for vehicles requires special technical safety features on the vehicle. ADR approval is granted by a responsible ADR contracting party. The applicable technical regulations are set out in Part 9 and Appendix 7 of the ADR.

**i**



» INDUSTRIAL TRUCKS



We offer special worklights for industrial trucks. It is not uncommon for accidents with forklift trucks to occur on a factory premises or in warehouses. Especially when a vehicle moves backwards or forwards out of an aisle. The most common corner mirrors often do not provide

sufficient protection, as they can be soiled and it is often difficult to see which direction the forklift is moving in.

With our special worklights for industrial trucks, you can prevent accidents.

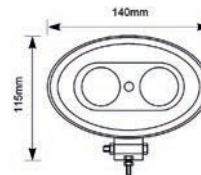
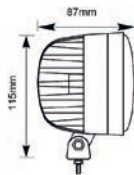


Worklight


LED

The European DIN EN 62471 standard classifies the hazards emanating from radiation sources in the following risk groups: (RG) 0, 1, 2 and 3 (RG 0 = no risk to RG 3 = high risk). Exempt group (risk group 0 – RG 0). The light source poses no photobiological hazard. The emission values are below the exposure limit for radiation.

The Blue Spot LED is a universal LED spot for all common types of forklifts. It is attached to the safety roof frame at a 20-degree angle and is then ready for use. This means that pedestrians and other forklift drivers can be warned when a forklift is approaching.



WxHxD: 140 x 90 x 87 mm
ECE norm: R10
Light Distribution: Spot illumination
Housing material: Aluminium

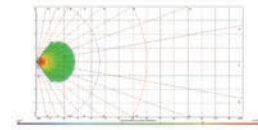
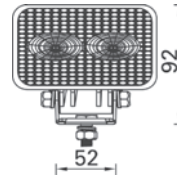
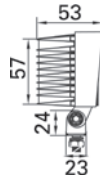
Voltage V	Rated Power W	Mounting	IP-Code	Cable Length mm	Connector	DU	Article no.
10 to 100	8	mounting open end	IP 67	400	 NEW	1	80690328
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000




Worklight

LED

WxHxD: 113 x 63 x 53 mm
ECE norm: R10
Light Distribution: Short distance lighting
Info: Electromagnetic Compatibility (EMC)
Rated Voltage: 10 V
 30 V
Fastening Type: Single pivoted lever
Voltage: 10 to 30 V
Rated Power: 12 W
Mounting: mounting



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
2	2000	6000	IP 67	1500		1	80690321
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000



» MINING+HEAVY DUTY



There are also high demands on worklights in the Mining+Heavy Duty sector. Worklights used in this area are often in use for hours and are subjected to extreme stresses. To meet these requirements, all the following worklights are extremely robust. They are also impact-resistant, vibration- and heat-resistant and have a long

service life. In addition, a high light intensity is required in the Mining+Heavy Duty sector, as this is the only way to guarantee efficient operation and high productivity and precision.



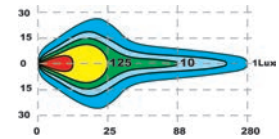
Headlight


LED

Our main headlight with patented snow-melting and de-icing technology is particularly useful for all types of construction machines, snow ploughs and tractors. The holder for securing the headlight to the vehicle can be fitted either at the bottom or at the rear of the headlight. Supplied separately, the indicator can be mounted on three sides of the headlight. At a temperature of -25 °C – and with approx. 5 mm of ice on the lens, the temperature will increase to -18 °C after one minute, to -1 °C after five minutes and finally to 15 °C after ten minutes.

- Heated lens prevents ice and snow on the lamp
- Maximum temperature of 68 °C after approx. one hour
- High vibration resistance

WxD: 80 mm
Breite 1 / 2: 150 / 229 mm
Height 1/2: 150 / 170 mm
ECE norm: R10/R112/R6/R7
Temperature range: -40 to +60 °C
Registration Type: CE approved
Light Function: E-type checked with low beam (LED) with high beam (LED) with indicator (LED) with position light (LED)
Bulb Type: LED



Fitting Position	Voltage V	Rated Power W	Mounting	IP-Code	Connector	DU	Article no.
Left and right	12 24 10 to 30	1,5 20 38	mounting Deutsch Connector	IP 68	 NEW	1	81658500
Accessories			Light Function		see	DU	
Plug Housing Set Deutsch DT (TE Connectivity)					Katalog04	1	50390498
Control Unit, lights LED-Adapt			for taillight (LED) for brake light (LED) for rear fog light (LED) for reverse light (LED) for indicator (LED)		Katalog13	1	76121252
			for indicator (LED) for reverse light (LED) for taillight (LED) for rear fog light (LED) for brake light (LED)		Katalog13	1	76121253



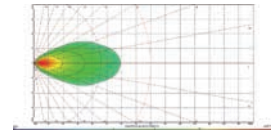
Worklight


LED

Diameter: 91 mm
HxD: 129 x 77 mm
ECE norm: R10
 CISPR25 Claas 5
Temperature range: -40 to +85 °C

Light Distribution: Short distance lighting with accessories
Info: Electromagnetic Compatibility (EMC) with thermal management module

Rated Voltage: 12 V
 24 V
Housing material: Aluminium
 Plastic
Fastening Type: Single pivoted lever
Voltage: 12 to 24 V



Rated Power W	Mounting	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.
20	mounting Deutsch Connector	1500	6000	IP 68 IP 6K9K	 new	1	80690338
Accessories						see	DU
Plug Housing Set Deutsch DT (TE Connectivity)						Page 31	1 50390595

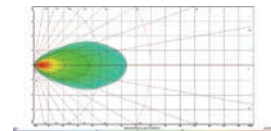
Worklight


LED

WxHxD: 101 x 97 x 57 mm
ECE norm: R10
 CISPR25 Claas 5
Temperature range: -40 to +85 °C

Light Distribution: Short distance lighting with accessories
Info: Electromagnetic Compatibility (EMC) with thermal management module

Rated Voltage: 12 V
 24 V
Housing material: Aluminium
Fastening Type: Single pivoted lever
Voltage: 12 to 24 V



Rated Power W	Mounting	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.
29	mounting Deutsch Connector	2000	6000	IP 68 IP 6K9K	 new	1	80690339
Accessories						see	DU
Plug Housing Set Deutsch DT (TE Connectivity)						Page 31	1 50390595



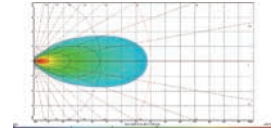
Worklight

LED

Our unique worklight with patented snow-melting and de-icing technology is particularly useful for all types of construction machines, snow ploughs and tractors. At a temperature of -25 °C – and with approx. 5 mm of ice on the lens, the temperature will increase to -18 °C after one minute, to -1 °C after five minutes, to 15 °C after ten minutes and finally to 68 °C after one hour.

- Heated lens prevents ice and snow on the lamp
- High vibration resistance

WxD: 122 x 64,5 mm
Height 1/2: 106 / 143 mm
ECE norm: R10
Temperature range: -40 to +60 °C
Light Short distance lighting
Distribution: Electromagnetic Compatibility (EMC)
Info:
Rated Voltage: 12 V
 24 V
Housing material: Aluminium / Grey Cast Iron
Voltage: 9 to 36 V
Rated Power: 40 W

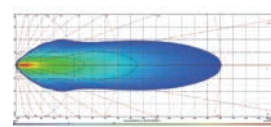
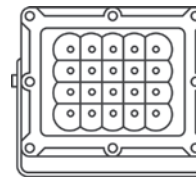


Mounting	LEDs	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.	
mounting Bracket mounting Deutsch Connector	36	5400	6500	IP 68 IP 69K		1	80690329	
Accessories						see	DU	
Plug Housing Set Deutsch DT (TE Connectivity)						Page 31	1	50390595
Control Unit, lights LED-Adapt						Katalog13	1	76121253
						Katalog13	1	76121252

Worklight

LED

WxD: 160 x 108 mm
Height 1/2: 130 / 167 mm
ECE norm: R 10
Temperature range: -40 to 65 °C
Light Short distance lighting
Distribution:
Rated Voltage: 12 V
 24 V
Housing material: Aluminium / Grey Cast Iron
Voltage: 12 to 48 V
Rated Power: 100 W



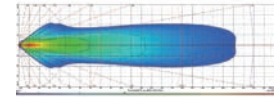
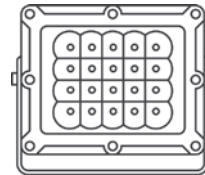
Mounting	LEDs	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.	
mounting Bracket mounting open end	20	6600	6500	IP 67		1	80690334	
Accessories						see	DU	
Control Unit, lights LED-Adapt						Katalog13	1	76121252
						Katalog13	1	76121253
Plug Housing Set Deutsch DT (TE Connectivity)						Page 31	1	50390595




Worklight

LED

WxD: 160 x 108 mm
Height 1/2: 130 / 167 mm
ECE norm: R10
Temperature range: -40 to 65 °C
Light Distribution: Long-range illumination
Distribution:
Rated Voltage: 12 V / 24 V
Housing material: Aluminium / Grey Cast Iron
Voltage: 12 to 48 V
Rated Power: 100 W



Mounting	LEDs	Lumen lm	Colour Temperature K	IP-Code	Connector	DU	Article no.
Bracket mounting mounting open end	20	6800	6500	IP 67	 NEW	1	80690333
Accessories						see	DU
Control Unit, lights LED-Adapt					Katalog13	1	76121252
					Katalog13	1	76121253
Plug Housing Set Deutsch DT (TE Connectivity)					Page 31	1	50390595



» REVERSE LIGHT



A clear view when reversing

Four reversing lights permitted

Anyone who has to reverse a lot in the dark is thankful for any light source they can get. Some people take this to extremes, which can lead them into trouble. Since July 2006, commercial vehicles, trailers and buses with a total weight of over 3.5 tons and a length of over six metres have to comply with the following legal provisions:

- two additional rear headlights,
- one additional reversing light on each side, or
- two additional rear headlights plus an additional reversing light on each side of the vehicle.

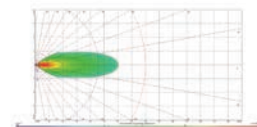
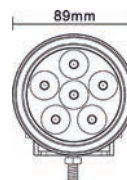
Rear assemblies without ECE approval for fog lights are prohibited, along with the use of worklights as reversing lights. Reversing lights may only be mounted if the illuminated area behind the light does not extend beyond 10 metres. Our high-quality and evenly illuminating reversing lights are suitable for safe manoeuvring, even with poor visibility.




Reverse Light

LED

Diameter: 88 mm
WxHxD: 88 x 110 x 58 mm
ECE norm: R23/R10
Registration Type: ADR/ GGVS Checked
 E-type checked
Fitting Position: Rear
 Lateral Mounting
Light Distribution: Short distance lighting
Fastening Type: Single pivoted lever
Voltage: 10 to 32 V
Rated Power: 18 W
Housing Type: Aluminium Housing



Mounting Type	LEDs	Lumen lm	IP-Code	Cable Length mm	Connector	DU	Article no.
mounting	6	1440	IP67	400	 NEW	1	81670320
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000

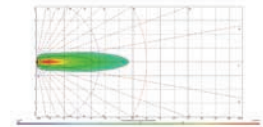
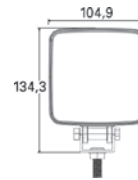



**Reversing lights
Worklight**

LED

The worklight has two ECE-approvals, R10 for EMC and R23 for reversing lights. An angle of 30 degrees relative to the road surface is required for use as a reverse light.

- WxHxD:** 104,9 x 134,3 x 52,2 mm
- ECE norm:** R23/R10
- Registration Type:** ADR/ GGVS Checked
- Temperature range:** -30 to +50 °C
- Light Distribution:** Short distance lighting
- Info:** Electromagnetic Compatibility (EMC)
- Fastening Type:** Single pivoted lever
- Voltage:** 12 to 36 V
- Rated Power:** 18 W
- Housing Type:** Aluminium Housing
- Mounting Type:** mounting



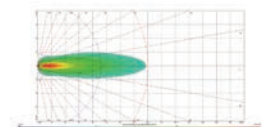
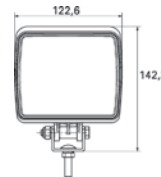
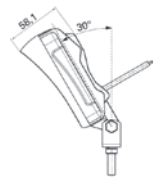
LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
6	1440	6000	IP 69	280		1	80690312
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000


**Reversing lights
Worklight**

LED

The worklight has two ECE-approvals, R10 for EMC and R23 for reversing lights. An angle of 30 degrees relative to the road surface is required for use as a reverse light.

- WxHxD:** 122,6 x 142,2 x 58,1 mm
- ECE norm:** R23/R10
- Registration Type:** ADR/ GGVS Checked
- Temperature range:** -30 to +50 °C
- Light Distribution:** Short distance lighting
- Info:** Electromagnetic Compatibility (EMC)
- Fastening Type:** Single pivoted lever
- Voltage:** 12 to 36 V
- Rated Power:** 22 W
- Housing Type:** Aluminium Housing
- Mounting Type:** mounting



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
9	2160	6000	IP 69K	280		1	80690310
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Base, worklight Magnet Base					Page 29	1	80691000

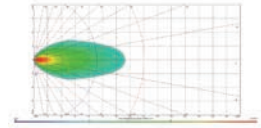
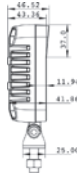



**Reversing lights
Worklight**

LED

The worklight has two ECE-approvals, R10 for EMC and R23 for reversing lights. An angle of 30 degrees relative to the road surface is required for use as a reverse light. Agricultural technology

- WxHxD:** 110 x 138,84 x 46,52 mm
- ECE norm:** R23/R10
- Registration Type:** ADR/ GGVS Checked
- Temperature range:** -20 to +50 °C
- Light Distribution:** Long-range illumination
- Info:** Electromagnetic Compatibility (EMC)
- Fastening Type:** Single pivoted lever
- Voltage:** 12 to 32 V
- Rated Power:** 25 W
- Mounting Type:** mounting



LEDs	Lumen lm	Colour Temperature K	IP-Code	Cable Length mm	Connector	DU	Article no.
16	2200	6000	IP 67/69K	1000	 NEW	1	80690326
Accessories				Cable Length mm	see	DU	
Base, worklight				200	Page 30	1	80691310
Plug Housing Set Deutsch DT (TE Connectivity)					Page 31	1	50390595
					Katalog04	1	50390600
Base, worklight Magnet Base					Page 29	1	80691000

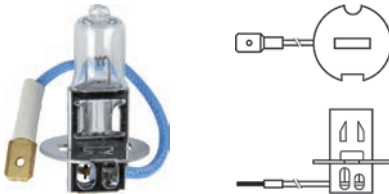


Accessories



H3

Bulb



Socket Type:

PK22s

Bulb Type:

H3

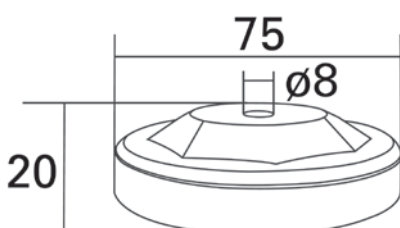
Voltage V	Rated Power W	Version	DU	Article no.
12	55		1	89901094
24	70		1	89901095
		HD	1	89901053

Magnet Base

Base, worklight

WxHxD:
Bolt Ø:

75 x 20 x mm
8 mm



Mounting	DU	Article no.
Magnet Mount	1	80691000



Base, worklight

WxHxD: 50 x 70 x 55 mm
Bolt Distance: 35 mm



Mounting	DIN / ISO	Cable Length mm	DU	Article no.
Pipe-neck AMP	14620	200	1	80691310
Accessories		see	DU	
Connector Set, light		Katalog04	1	50390999
Worklight Canopus 1000		Katalog06	1	80690302
Worklight		Page 7	1	80690300
Reversing lights Worklight		Page 27	1	80690310
Worklight		Page 15	1	80690311
		Katalog06		80690313
		Page 16	1	80690314

Holder, rotating beacon

WxHxD: 125 x mm



	DU	Article no.
	1	84771021

Holder, rotating beacon

Diameter: 24 mm



	DU	Article no.
	1	84771615



Holder, rotating beacon



Mounting	DU	Article no.
Winkelbefestigung	1	84771024

Holder, rotating beacon

WxHxD: 130 x 85 x 50 mm



	DU	Article no.
	1	84771022

Deutsch DT

Plug Housing Set

Manufacturer Restriction: TE Connectivity
Temperature range: -55 to +125 °C
Number of Poles: 2
Info: with seal



Plug Type	IP-Code	DU	Article no.
Round Connector Sleeve	IP 68	1	50390595
Content	Manufacturer Restriction	Number of Poles	QU
Plug Housing DT (Deutsch DT)	Deutsch DT	2	1
Crimp Connector Deutsch DT (TE Connec- tivity)	TE Connectivity		3
Sealing-/Protection Plugs ELB DT (Deutsch DT)	Deutsch DT		1
Secondary Lock, plug hou- sing DT (Deutsch DT)		2	1
Accessories	Manufacturer Restriction	see	DU
Crimping Pliers CrimPro 10		Katalog08	1
		Katalog08	1
Plug Distributor Deutsch DT		Katalog04	1
Crimping Pliers Insert DT (Deutsch DT Deutsch DTM)	Deutsch DT Deutsch DTM	Katalog08	1
Release Tool, flat-/round plug (AMP Tyco JT AMP Tyco ST Deutsch DT Deutsch DTM)	AMP Tyco JT AMP Tyco ST Deutsch DT Deutsch DTM	Katalog08	1
Release tool, housing (Universal)	Universal	Katalog08	1



Deutsch DT

Assortment, plug housings

Manufacturer Restriction: TE Connectivity
IP-Code: IP 68
Temperature range: -55 to +125 °C



The products in the Deutsch DT series are very robust and also work faultlessly at extreme ambient temperatures of - 55 °C to + 125 °C. The thermoplastic connector housing and the high quality silicone seals are protected against environmental influences like humidity, dirt and lubricants. The plug connectors

have an impermeable safety lock. Up to 13 am-pere current load are possible per contact. In summary, the Deutsch DT series is one of the most resilient connector systems and thus optimally suited to applications under the bonnet, on the gear unit, on the chassis and in the vehicle's interior.

Quantity	DU	Article no.
236	1	54290600
Content		QU
Crimp Connector Deutsch DT (TE Connectivity)	70	50253965
	70	50253975
Sealing-/Protection Plugs ELB DT (Deutsch DT)	40	50282067
Plug Housing Deutsch DT (TE Connectivity)	3	50390495
Secondary Lock, plug housing Deutsch DT (TE Connectivity)	3	50390496
Secondary Lock, plug housing DT (Deutsch DT)	3	50390585
Secondary Lock, plug housing Deutsch DT (TE Connectivity)	3	50390586
	3	50390587
	1	50390588
	1	50390589
Plug Housing DT (Deutsch DT)	3	50390590
Plug Housing Deutsch DT (TE Connectivity)	3	50390591
	3	50390592
	1	50390593
	1	50390594
Plug Housing DT (Deutsch DT)	3	50390640
Plug Housing Deutsch DT (TE Connectivity)	3	50390641
	3	50390642
	3	50390643
	1	50390644
	1	50390645
Secondary Lock, plug housing DT (Deutsch DT)	3	50390646
Secondary Lock, plug housing Deutsch DT (TE Connectivity)	3	50390647
	3	50390648
	3	50390649
	1	50390650
	1	50390651
Assortment Box	1	99994522
Accessories		see DU
Release tool, housing (AMPTyco Superseal Deutsch DT)	Katalog08	1 95945398
Release tool, housing (Universal)	Katalog08	1 95945409
Frame, assortment box HandyBox	Katalog04	1 99994532
Release Tool, flat-/round plug (AMPTyco JT AMPTyco ST Deutsch DT Deutsch DTM)	Katalog08	1 95945379
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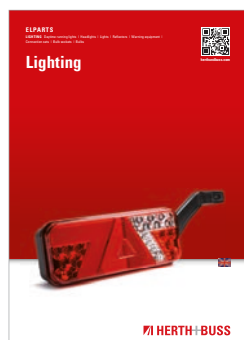
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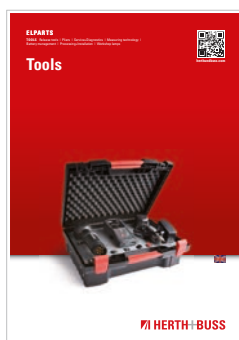
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