

Lighting technology



Product competence from EUROPART

- Front lighting
- Rear lighting
- Side lighting
- Auxiliary lighting



LIGHT MEANS LIFE

Why the right light is so important to us

Tired or awake, dynamic or slow, in a cheerful or dreary mood – our physical constitution and emotional moods are determined to a great extent by light. Not being able to “refuel on light” often leads to sluggishness and bad moods, which is especially noticeable in the shorter winter days.

However, it isn't only our body that depend on receiving light. One glance at a road reveals that nothing can move and/or drive without the right light. After all, in addition to guaranteeing one's own safety by creating a clear field of vision, the protection of other road users is also key.

In all weather conditions and of course in the dark night – hazards can be detected in time and a great degree of safety is ensured with modern vehicle lighting. In addition, various lighting systems also offer exciting possibilities to create a memorable and brand-specific look.

Current developments clearly show that modern LED technology is influencing the spirit of the times. In so doing, it isn't just a matter of classic front lighting with main, auxiliary, high-beam, daytime driving lights and rear lights; LEDs are also excellent as signal lights and side marker lighting, so that many areas of application can be found for trucks and other commercial vehicles.

The strengths of virtually **maintenance-free LEDs** are in their very high service life. What's more, the **luminosity** and energy requirements are so efficient that despite a higher purchase price, there are **cost benefits** in the long run, especially for large vehicle fleets. Masterfully efficient, LEDs generate optimum **light yield** with other positive effects, especially for trucks. After all, by **conserving energy reserves** the service life of the vehicle battery can be extended, while lower CO₂ emissions contribute to a better climate.



Image source: HELLA

Left: Simon Knapp,
Key Account Manager
Strands Lighting Division

Right: Jens Biermann,
Director IAM Sales D/A/CH
HELLA



About Strands

Strands Lighting Division is the main brand of vehicle lights manufacturer Strands Fordonskomponenter AB, a family-run company in private ownership with headquarters close to Göteborg (Sweden). Passionate about even the smallest detail, Strands develops innovative, high quality LED lighting for all types of commercial and motor vehicles.

The product groups of the Strands Lighting Division brand include worklights, warning lights, high-beam lights, rear lights as well as side and position markers. The focus is always on the user during the development of new lighting articles – hard-working people who are on the road daily. All articles from the Strands Lighting Division brand are available at all EUROPART branches and under an operational warranty of at least 3 years.

“Our success story with EUROPART is not only based on our having found a sales partner that stocks products from our Strands Lighting Division brand in virtually all European countries, or that new concepts and innovations are adapted quickly and optimally on the market by EUROPART.”

Two words explain the crucial element for the successful and cooperative partnership of Strands, Europe's fastest growing brand for vehicle lighting, and EUROPART, one of the leading players in the replacement parts market for commercial vehicles: Passion connects!”

Simon Knapp,
Key Account Manager Strands Lighting Division



About Hella

“HELLA and EUROPART are not just connected by means of a business relationship, but also by a strategic partnership of many years. We are a team that serves the needs of our customers. The foundation for this is active professional dialogue based on our HELLA original equipment expertise and many years of trade experience . That is why we are regularly at the EUROPART headquarters or on-site at our branches and present at in-house exhibitions. Our own developments are always inspired by the conversations we have and from direct customer feedback. In this way, we are able to offer garages, freight forwarding services and municipal operations innovative lighting solutions as well as comprehensive electrical and electronic products. HELLA and EUROPART share the same philosophy. The focus of our work is always on the customer, as well as the objective of making their work more efficient – no matter where in the world they are. The international focus connects HELLA and EUROPART and drives their collaboration. Customers definitely appreciate the result. The proof: numerous awards - among other things. That is why we are excited to continue writing this success story together with EUROPART.”

Jens Biermann,
Director IAM Sales D/A/CH



LED driving lamp

Luminator LED

rugged full-metal headlight with fastening bracket for precision adjustment, vibration-resistant at extreme stressing, characteristic light design

Version	with position light	Cable length	800 mm
Voltage	12/24 V	Type	surface-mounting, upright
∅	224,4 mm	Protection class	IP6K7, IPX9K
Height	232,5 mm	Colour	clear

Approved for electromagnetic compatibility (EMC)

Model	Housing colour	Reference number	Order no	Comparative no
Luminator LED Chromium	chrome	25	0016 560 021	HELLA 1F8 016 560-021
Luminator LED Chromium	chrome	50	0016 560 031	HELLA 1F8 016 560-031
Luminator LED Metal	black	25	0016 560 001	HELLA 1F8 016 560-001
Luminator LED Metal	black	50	0016 560 011	HELLA 1F8 016 560-011

THE NEW LIGHTSTYLE.



EDGELIGHT TECHNOLOGY FOR A MORE STRIKING APPEARANCE.

THE LUMINATOR LED & THE RALLYE 3003 LED





Converting to LEDs made easy



To remove the old headlight insert, just four screws ...



... and the cabling need to be loosened.



Now connect the new headlight insert.



Place the new LED headlight insert into the existing housing.



Ensure correct alignment – the labelling and type check is helpful.



Then screw the fastening ring back onto the housing.



Enjoy new luminous intensity and energy efficiency!



LED driving lamp

Rallye 3003 LED

Voltage	12/24 V
∅	222 mm
Height	242 mm
Cable length	800 mm
Colour	clear
Housing colour	chrome
Type	surface-mounting, upright

Approved for electromagnetic compatibility (EMC)

Reference number	Order no	Comparative no
25	0016 797 001	HELLA 1F8 016 797-001
50	0016 797 011	HELLA 1F8 016 797-011



LED headlight insert

Luminator LED, Rallye 3003 LED

very light, impact-resistant plastic casing of thermoplastics, persisting light power on long routes, characteristic light design

Version	with position light
Voltage	12/24 V

Reference number	Order no	Comparative no
25	0241 400 011	HELLA 1F8 241 400-011
50	0241 429 011	HELLA 1F8 241 429-011



LED auxiliary driving lamp

DLB-540, with 9 LEDs

rugged aluminium casing with shockproof PC washer, high beam with wide front end illumination

Reference number	ECE Ref. 37,5
Voltage	12/24 V
Connection	DT connector
Power consumption	66 W
Fastening	horizontal
Width	539 mm
Height	98 mm
Depth	80 mm
Cable length	2000 mm
Type	attachment, suspended/upright
Protection class	IP67

Scope of supply

bracket set of stainless steel, 2-pole adapter cable

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
0360 002 502	HELLA 1FJ 360 002-502



LED driving lamp

LED Light Bar 350, with 12 LEDs

Installation side	left/right
Voltage	12/24 V
Width	408 mm
Height	40/56 mm
Depth	67 mm
Cable length	2500 mm
Type	surface-mounting/flush-mounting, hanging/standing

Scope of supply

with bracket and mounting strap

Approved for electromagnetic compatibility (EMC)

Reference number	Order no	Comparative no
ECE Ref. 20	0958 040 072	HELLA 1FJ 958 040-072
ECE Ref. 30	0958 040 082	HELLA 1FJ 958 040-082



LED driving lamp

Side Shooter XL, with 15 LEDs

Voltage	12/24 V
Lighting power, theoretical	6920 lm
Lighting power, real	4548 lm
Connection	DT connector
Power consumption	61 W
Width	136 mm
Height	109/120 mm
Depth	89,5 mm
Cable length	500 mm
Protection class	IP67/69K

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 122	Strands 809122



LED driving lamp

Side Shooter, with 10 LEDs

Reference number	12,5
Voltage	9-32 V
Lighting power, theoretical	3540 lm
Lighting power, real	2097 lm
Power consumption	29 W
Width	97 mm
Height	78/89 mm
Depth	73 mm
Cable length	520 mm
Protection class	IP67

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 109	Strands 809109





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-lighting division

LED additional headlight Ambassador 9", with 8 LEDs

Version	with dual colour positioning light (white or yellow)
Voltage	10-32 V
Lighting power, theoretical	5535 lm
Lighting power, real	4040 lm
Power consumption	70 W
∅	230,5 mm
Height	245 mm
Cable length	3000 mm
Colour	white/yellow
Lens colour	clear
Protection class	IP68

Scope of supply
with bracket

Approved for electromagnetic compatibility (EMC)



Order no

1007 270 922

Comparative no

Strands 270922



SEE INTO THE FUTURE

Ambassador driving light is developed for you who demand the absolute best light beam – it exceeds everything you have seen and literally turns night into day at a distance longer than one kilometer.

**EURO
PART**

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LED driving lamp Delta Driving Light, with 8 LEDs

Version	with LED position light	Connection	DT connector
Reference number	25	Width	245 mm
Voltage	12-48 V	Height	140/160 mm
Lighting power, theoretical	8416 lm	Depth	90 mm
Lighting power, real	6200 lm	Cable length	450 mm
		Protection class	IP67

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 270 775	Strands 270775



LED driving lamp Frisla 9, with 5 LEDs

sturdy aluminium casing, painted black

Version	with LED position light	Ø	223 mm
Reference number	37,5	Height	241,5 mm
Voltage	9-33 V	Depth	119,5 mm
Lighting power	3500/3000 lm	Cable length	300 mm
Power consumption	50 W	Protection class	IP68

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 014	Strands 270905



LED headlight strip ARCUM curved

Version	bent
Voltage	12/24 V
Height	56 mm
Depth	73 mm
Housing material	aluminium
Protection class	IP68

Model	Version	Lighting power, theoretical	Lighting power, real	Power	Width	Reference number	Order no	Comparative no
ARCUM curved 20"	with 10 LEDs	9500 lm	8075 lm	100 W	523 mm	45	1007 809 140	Strands 809140
ARCUM curved 30"	with 16 LEDs	15200 lm	12920 lm	160 W	810 mm	45	1007 809 141	Strands 809141
ARCUM curved 40"	with 22 LEDs	20900 lm	17765 lm	220 W	1099 mm	50	1007 809 142	Strands 809142

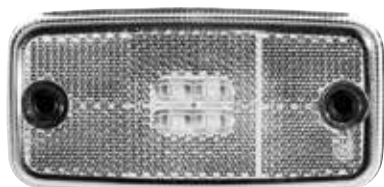


LED additional/headlight strip Nuuk LED Bar

Version	multi-purpose illumination	Depth	69 mm
Reference number	2 x 20	Cable length	500 mm
Voltage	12-30 V	Type	surface-mounting/flush-mounting
Power	90 W	Protection class	IP68
Height	38,5 mm		

ECE-R10 approval

Version	Width	Order no	Comparative no
with 2 x 9 LEDs	2 x 272 mm	1007 809 115	Strands 809115
with 18 LEDs	515 mm	1007 809 114	Strands 809114



LED end-outline marker lamp

Version	with reflector light	Width	110 mm
Installation location	front	Height	54 mm
Voltage	12-36 V DC	Depth	16 mm
Fastening	2 x Ø 5.5 mm	Cable length	500 mm
Distance between holes	84 mm	Colour	clear

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 003



LED end-outline marker lamp

Version	with reflector	Height	32 mm
Voltage	12-36 V	Depth	14,5 mm
Fastening	2 x Ø 5 mm	Cable length	500 mm
Distance between holes	116 mm	Colour	clear
Width	130 mm		

Approved for electromagnetic compatibility (EMC)

Order no

5129 000 021



LED end-outline marker lamp

with 5 LEDs

Version	with bracket	Depth	22 mm
Voltage	12-24 V	Cable length	5000 mm
Width	111 mm	Colour	clear
Height	51/76 mm		

Approved for electromagnetic compatibility (EMC)

Order no

Comparative no

1007 000 157

Strands 810132



FOCUS ON MODULAR REAR LIGHTS



State certified Automotive Technician Luca Naujoks has been with EUROPART since 2016, and supports purchasing and sales when it comes to technical questions and with regard to expanding the product range.

Mr. Naujoks, what are the benefits of modular rear lights for trailers?

The modular design and associated modularity of the lamps and housing components allows any customer to adapt their rear lights flexibly to their respective requirements. Tail and brake lights are basically designed as LED modules. All other functions can be realised either as LEDs or with classic light bulb technology. There are endless possible combinations.

What are the retrofitting options?

Switching from light bulbs to exceptionally energy efficient and safe LED technology is possible subsequently and without any special tools. This provides a lot of room for future retrofitting. The light lens is replaceable and can be switched out no matter which illuminant is used.

Another highlight is the distributor function with additional outputs on the rear of the housing. This allows for the easy connection of auxiliary functions or light functions, such as side marker lights or clearance lights.



The structure of a modular hybrid rear light

- 1) Housing
- 2) Tail light/brake light LED module
- 3) Indicator bulb module
- 4) Reversing light bulb module
- 5) Rear fog light bulb module
- 6) Indicator LED module
- 7) Reversing light LED module
- 8) Rear fog light LED module
- 9) Frame, black
- 10) Lens



LED rear light

with Krone logo, with impulse for flashing light failure check

Voltage	24 V	Pin spacing	152 mm
Height	146 mm	Colour	red/clear/yellow
Depth	93 mm	Lens colour	red/clear



Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Version	Installation side	Width	Order no	Comparative no
in full LED, with flashing light, brake light, fog light, tail light and reversing light, with reflector, with end-outline marker light	left	450+177 mm	0340 960 231	HELLA 2VP 340 960-231 Krone 515076411
in full LED, with flashing light, brake light, fog light, tail light and reversing light, with reflector, with end-outline marker light	right	450+177 mm	0340 960 241	HELLA 2VP 340 960-241 Krone 515076412
in full LED, with flashing light, brake light, fog light, tail light and reversing light, with reflector, no end-outline marker light	left	450 mm	0340 960 251	HELLA 2VP 340 960-251 Krone 515076389
in full LED, with flashing light, brake light, fog light, tail light and reversing light, with reflector, no end-outline marker light	right	450 mm	0340 960 261	HELLA 2VP 340 960-261 Krone 515076390
in hybrid technology, with flashing light, LED-brake light, fog light, LED-tail light and reversing light, with reflector, with end-outline marker light	left	450+177 mm	0340 961 531	HELLA 2VP 340 961-531 Krone 515072260
in hybrid technology, with flashing light, LED-brake light, fog light, LED-tail light and reversing light, with reflector, with end-outline marker light	right	450+177 mm	0340 961 541	HELLA 2VP 340 961-541 Krone 515072281
in hybrid technology, with flashing light, LED-brake light, LED-tail light and reversing light, with reflector, no end-outline marker light	left	450 mm	0340 961 511	HELLA 2VP 340 961-511 Krone 515072258
in hybrid technology, with flashing light, LED-brake light, LED-tail light and reversing light, with reflector, no end-outline marker light	right	450 mm	0340 961 521	HELLA 2VP 340 961-521 Krone 515072259



Accessories

Description	Order no	Comparative no
Lens, with Krone logo, left	0183 432 031	HELLA 9EL 183 432-031 Krone 550017961
Lens, with Krone logo, right	0183 432 041	HELLA 9EL 183 432-041 Krone 550017962
LED module, with brake and tail lamp, with Krone logo	0178 904 021	HELLA 9DW 178 904-021 Krone 550016465
LED numberplate lamp, with 6.3 mm receptacles	0012 271 231	HELLA 2KA 012 271-231 Krone 515070867
LED numberplate lamp, EasyConn angle plug, 2-pole	0012 271 277	HELLA 2KA 012 271-277 Krone 515070868



**LED rear light
with 12 LEDs**

Version with indicator, brake and tail light
 Voltage 12/24 V
 Cable length 1000 mm
 Fastening 2 x M6
 Ø 140 mm
 Depth 50,5 mm
 Type surface-mounting

Approved for electromagnetic compatibility (EMC)

Order no
5129 000 010



LED rear light

Voltage 24 V
 Width 403,5 mm
 Height 159 mm
 Depth 92 mm
 Distance between holes 152 mm
 Protection class IPX9K, IP5K4K
 Colour red/clear

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)

Suitable for	Version	Installation side	Order no	Comparative no
MAN TGX (2014-), TGM (2014-), TGL (2014-)	with indicator, brake, licence plate, rear fog, tail, reversing, side marker and clearance lights, reflectors (full LED)	left	0012 381 011	HELLA 2VD 012 381-011
MAN TGX (2014-), TGM (2014-), TGL (2014-)	with indicator, brake, rear fog, reversing, tail, side marker and clearance lights, reflectors (full LED)	right	0012 381 021	HELLA 2VP 012 381-021
MAN TGX (2014-), TGM (2014-), TGL (2014-)	with indicator, brake, rear fog, reversing, tail, side marker and clearance lights, reflectors (full LED) and reversing warning	right	0012 381 061	HELLA 2VP 012 381-061





LED rear light

Version	with indicator, brake, rear fog, reversing and tail light
Voltage	12/24 V
Width	350 mm
Height	131 mm
Depth	81 mm
Cable length	2000 mm
Distance between holes	150 mm
Colour	red/clear/yellow
Protection class	IP68

Approved for electromagnetic compatibility (EMC)

Installation side	Order no	Comparative no
left	1007 031 201	Strands 80031201
right	1007 031 202	Strands 80031202



LED rear light

IZE LED

Voltage	24 V
Width	130 mm
Height	110 mm
Depth	45 mm
Cable length	2500 mm
Colour	red
Protection class	IP66

Approved for electromagnetic compatibility (EMC)

Version	Order no	Comparative no
with tail light	1007 000 030	Strands 800109
with tail and brake light	8000 811 000	Strands 800110



LED rear light

IZE LED

Voltage	24 V	Cable length	2500 mm
Width	130 mm	Lens colour	clear
Height	110 mm	Protection class	IP66
Depth	45 mm		

Approved for electromagnetic compatibility (EMC)

This figure corresponds to 8000 012 424

Version	Colour	Order no	Comparative no
with indicator, brake and tail light	red/yellow	8000 012 424	Strands 800124
with tail light	red	1007 000 032	Strands 800123
with brake and tail light	red	1007 000 034	Strands 800126



This figure corresponds to 8000 113 000

Rubber housing

Suitable for IZE LED series

Version	Order no	Comparative no
single	8000 811 200	Strands 800112
double	8000 113 000	Strands 800113

Accessories

Description	Order no	Comparative no
Rubber seal	1007 000 199	Strands 800112-P





LED rear light
IZE LED, with 96 LEDs

Version with rear fog and reversing light
 Ø 155/162,3 mm
 Depth 15,31/44/49 mm
 Cable length 2500 mm
 Colour clear
 Lens colour clear/red

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 800 609	Strands 800609



LED rear light
IZE LED, with 48 LEDs

Version with brake and tail light
 Voltage 10-30 V
 Ø 155/162,3 mm
 Depth 15,31/44/49 mm
 Cable length 2500 mm
 Colour clear
 Lens colour clear/red

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 800 600	Strands 800600



LED rear light

Voltage 10-30 V
 Cable length 2500 mm
 Distance between holes 150 mm
 Ø 122/155 mm
 Depth 43,2 mm
 Protection class IP67

Approved for electromagnetic compatibility (EMC)

Version	Order no	Comparative no
with indicator, brake and tail light	1007 000 039	Strands 800140
with rear fog and reversing light	1007 000 040	Strands 800141



LED rear light
IZE LED

Version Taillight with dynamic start-up function, stop light and dynamic flashing light function
 Voltage 10-30 V
 Ø 155/162 mm
 Depth 44 mm
 Cable length 2500 mm
 Protection class IP67



Approved for electromagnetic compatibility (EMC)

Installation side	Order no	Comparative no
left	1007 800 606	Strands 800606
right	1007 800 607	Strands 800607

Accessories

Description	Order no	Comparative no
Seal	1007 800 612	Strands 800612



LED clearance light

Voltage 12/24 V
 Width 190 mm
 Height 138 mm
 Depth 52 mm
 Cable length 500 mm
 Cable cross-section 2 x 0,75 mm²



Version	Installation side	Fig.	Order no
with positioning, tail and side marker light, with long rubber arm	left	1	5129 000 040
with positioning, tail and side marker light, with long rubber arm	right	1	5129 000 041
with positioning, tail and side marker light, with short rubber arm	left	2	5129 000 038
with positioning, tail and side marker light, with short rubber arm	right	2	5129 000 039



LED clearance light

Version with position/tail light
 Voltage 12-36 V DC
 Depth 45 mm
 Cable length 300 mm
 Colour red/clear



Approved for electromagnetic compatibility (EMC) This figure corresponds to 5129 000 005

Width	Height	Installation side	Order no
175 mm	135 mm	left	5129 000 005
175 mm	135 mm	right	5129 000 006
195 mm	145 mm	left	5129 000 007
195 mm	145 mm	right	5129 000 008



LED clearance light with 40 LEDs



Version with indicator, brake, positioning and side marker light
 Voltage 12/24 V
 Width 184,5 mm
 Height 145,5 mm
 Depth 52 mm
 Cable length 400 mm
 Colour yellow/red/clear
 Protection class IP66, IP68

Approved for electromagnetic compatibility (EMC)

Installation side	Order no	Comparative no
left	1007 800 518	Strands 800518
right	1007 800 519	Strands 800519



LED clearance light with 39 LEDs

Version with indicator, positioning and side marker light
 Voltage 12/24 V
 Width 184,5 mm
 Height 145,5 mm
 Depth 52 mm
 Cable length 400 mm
 Colour yellow/red/clear
 Protection class IP66, IP68



Approved for electromagnetic compatibility (EMC)

Installation side	Order no	Comparative no
left	1007 800 516	Strands 800516
right	1007 800 517	Strands 800517



LED clearance light

Version with positioning and side marker light, long rubber arm
 Voltage 12/24 V
 Width 187 mm
 Height 165 mm
 Depth 37 mm
 Cable length 210 mm
 Colour red/white/amber
 Protection class IP66, IP68



Approved for electromagnetic compatibility (EMC)

Installation side	Order no	Comparative no
left	1007 000 247	Strands 800361V
right	1007 000 245	Strands 800361H





LED clearance light

Viking, with 6 LEDs

Voltage	12/24 V	Cable length	5000 mm
Width	191 mm	Colour	clear/red
Depth	79 mm	Protection class	IP68

Version	Height	Fig.	Order no	Comparative no
with long rubber arm	166 mm	1	1070 800 420	Strands 800420-3
with short rubber arm	98 mm	2	1070 800 423	Strands 800423-3

Accessories

Suitable for	Order no	Comparative no
Diode unit for LED contour light, with 6 LEDs, Viking, red	1007 000 115	Strands 800401
Diode unit for LED contour light, with 6 LEDs, Viking, clear	1007 000 116	Strands 800402
Diode unit for LED contour light, with 6 LEDs, Viking, yellow	1007 000 117	Strands 800406
Diode unit for LED contour light, with 6 LEDs, Viking, clear/red	1007 000 118	Strands 800407
Rubber arm for LED inserts \varnothing 60 mm, Viking, long version	1007 000 119	Strands 800413
Rubber arm for LED contour light, Viking, short, with rotating feet	1007 000 120	Strands 800414



Rubber arm for LED inserts

compatible with all 600 mm LED inserts

Version	conical
Voltage	12/24 V

E-tested

Order no	Comparative no
8000 800 412	Strands 800412



LED position light

Version	with reflector light	Height	54 mm
Voltage	12-36 V DC	Depth	16 mm
Fastening	2 x \varnothing 5.5 mm	Cable length	500 mm
Distance between holes	84 mm	Colour	red
Width	110 mm		

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
5129 000 002	Strands 800412



LED position light

Version	with reflector	Height	32 mm
Voltage	12-36 V	Depth	14,5 mm
Fastening	2 x \varnothing 5 mm	Cable length	500 mm
Distance between holes	116 mm	Colour	red
Width	130 mm		

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
5129 000 020	Strands 800412



LED position light with 5 LEDs

Voltage	12/24 V	Height	51/76 mm
Distance between holes	90 mm	Depth	22 mm
Width	111 mm	Cable length	5000 mm
		Colour	red
		Protection class	IP99, IP68

Scope of supply with bracket

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 156	Strands 810131

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LED position light

with 8 LEDs

Version	with brake light	Height	51 mm
		Depth	22 mm
Voltage	12/24 V	Cable length	240 mm
Distance between holes	90 mm	Colour	red
Width	111 mm	Protection class	IP66/IP68

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 810 135	Strands 810135

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-lighting division



LED position light

with 3 LEDs

Voltage	9-36 V	Depth	10,4 mm
Distance between holes	61 mm	Cable length	230 mm
Width	83,8 mm	Colour	red
Height	24 mm	Protection class	IP66, IP68

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 101	Strands 800341

EURO PART[®]

LED reversing light

with 9 LEDs

Version	with tail light	Distance between holes	45 mm
Installation side	left/right	∅	140 mm
Voltage	12/24 V	Depth	50,5 mm
Cable length	1000 mm	Type	surface-mounting
Fastening	2 x M6	Protection class	IP68

Approved for electromagnetic compatibility (EMC)



Order no

5129 000 018

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LED reversing light

with 6 Power LEDs

Version	with bracket
Voltage	10-32 V
Lighting power, theoretical	1260 lm
Lighting power, real	788 lm
Power consumption	18 W
∅	88 mm
Height	60/110 mm
Cable length	400 mm
Protection class	IP67

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no	Comparative no
1007 000 001	Strands 809001

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LED reversing light

IZE LED

Voltage	24 V
Width	130 mm
Height	110 mm
Depth	45 mm
Cable length	2500 mm
Distance between holes	115 mm
Lens colour	clear
Protection class	IP66

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
8000 811 600	Strands 800116

Not every worklight can be used as a reversing light.

Worklights must meet special criteria to pass the ECE-R23 homologation of reversing lights. Reversing lights from HELLA meet these criteria and are TÜV tested.

Our special diffusing lenses create extra-wide light beams in order to offer the best possible visibility when reversing.

Reversing light identification:

- 1. Type-test identification:** 00 AR stands for reversing light.
- 2. Type-test number:** The device may only be mounted as a reversing light if it has a type approval number (e.g. R23-003902).
- 3. ECE-label:** With country code (e.g. 1 = Germany).



LED reversing light

Thermo Pro Series, Q90 COMPACT LED, with 4 LEDs

robust, innovative heat conducting plastic housing is additionally provided with cooling fins, which handle the necessary heat dissipation for the high-power LEDs, very light, full corrosion resistance, light is dispersed using a specially developed multifaceted reflector and ensures homogeneous illumination, prevents rapid eye fatigue during night-time work

Version	near-field illumination	Height	90 mm
Voltage	9-33 V	Depth	55 mm
Lighting power	1000 lm	Type	surface-mounting, suspended/upright
Power consumption	15 W	Protection class	IP6K9K, IP6K7
Width	95 mm		



Cable length Note		Order no	Comparative no
500 mm	ECE-R10 and ECE-R23 approval, approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)	0996 284 511	HELLA 2ZR 996 284-511
2000 mm	ECE-R10 and ECE-R23 approval	0996 284 501	HELLA 2ZR 996 284-501



LED reversing light

Repulse Pro, with 3 LEDs

extremely wide diffusion of light, rear surface-mounting possible, with incorrect polarity protection, overvoltage protection and surrounding bracket

Version	screwed on	Depth	48 mm
Voltage	12/24 V	Cable length	3500 mm
Lighting power	900 lm	Colour	clear
Width	110 mm	Type	surface-mounting, suspended/upright
Height	110/125 mm		



Application range

specially designed for use as an auxiliary reversing function

ECE-R10 and ECE-R23 approval, approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no
0012 456 221



LED reversing light

with 9 LEDs

Voltage	12-36 V	Overall height	140 mm
Width	100 mm	Cable length	1400 mm
Height	100 mm	Fastening	size M8
Depth	74 mm	Protection class	IP68



Approved for electromagnetic compatibility (EMC)

Order no
5129 000 009



**YOUR DAYLIGHT
AT NIGHT.**

**HELLA IS A PIONEER IN LIGHTING
TECHNOLOGY FOR THE AUTOMOTIVE
INDUSTRY. DRIVING THE MEGATRENDS
OF TOMORROW.**





LED reversing light

With 12 LEDs

Voltage	9-30 V	Height	50/91,7 mm
Lighting power, theoretical	1960 lm	Depth	74,5 mm
Lighting power, real	1860 lm	Cable length	300 mm
Connection	DT connector	Type	mounting
Power consumption	15 W	Protection class	IP68
Width	144 mm		



Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 030	Strands 809030



LED rear fog lamp

IZE LED

Voltage	24 V	Depth	45 mm
Cable length	2500 mm	Colour	red
Distance between holes	115 mm	Lens colour	clear
Width	130 mm	Protection class	IP66
Height	110 mm		

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 035	Strands 800128



LED rear fog lamp

with 9 LEDs

Version	with tail light	Distance between holes	45 mm
Installation side	left/right	∅	140 mm
Voltage	12/24 V	Depth	50,5 mm
Cable length	1000 mm	Type	surface-mounting
Fastening	2 x M6	Protection class	IP68

Approved for electromagnetic compatibility (EMC)

Order no
5129 000 017



LED rear fog lamp

IZE LED

Voltage	24 V	Height	110 mm
Cable length	2500 mm	Depth	45 mm
Distance between holes	115 mm	Colour	red
Width	130 mm	Protection class	IP66

Order no	Comparative no
1007 000 031	Strands 800114



This figure corresponds to 8000 113 000

Rubber housing

Suitable for IZE LED series

Version	Order no	Comparative no
single	8000 811 200	Strands 800112
double	8000 113 000	Strands 800113

Accessories

Description	Order no	Comparative no
Rubber seal	1007 000 199	Strands 800112-P



Numberplate lamp

Installation side	left/right
Voltage	12-30 V
Bulb type	C5W
Fastening	2 x M5
Pin spacing	72 mm
Width	102 mm
Height	58 mm
Depth	51 mm
Housing colour	black
Type	surface-mounting

Order no

5129 000 023



Numberplate lamp

Installation side	left/right
Voltage	12-36 V
Bulb type	C5W
Fastening	2 x M5
Pin spacing	45 mm
Width	83 mm
Height	50 mm
Depth	30 mm
Housing colour	black
Type	surface-mounting

Order no

5129 000 024



LED numberplate lamp with 5 LEDs

Voltage	24 V
Width	110 mm
Height	45 mm
Depth	48.2 mm
Cable length	2500 mm
Protection class	IP68
Colour	clear
Housing colour	black

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 028	Strands 800033



LED numberplate lamp with 2 LEDs

Voltage	12/24 V
Width	109 mm
Height	56 mm
Depth	61 mm
Cable length	130 mm
Protection class	IP68
Colour	clear
Housing colour	black

Order no	Comparative no
1007 000 197	Strands 800031-S



LED numberplate lamp

Voltage	12/24 V
Width	82 mm
Height	39 mm
Depth	31 mm
Cable length	200 mm
Protection class	IP68
Colour	clear
Housing colour	black

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 198	Strands 800032-S



LED indicator light with 48 LEDs

Voltage	10-30 V
∅	155/162,3 mm
Depth	15,31/44/49 mm
Cable length	2500 mm
Colour	clear
Lens colour	clear/yellow
Protection class	IP67

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 800 601	Strands 800601



LED indicator light IZE LED

Version	rectangular
Voltage	24 V
Distance between holes	115 mm
Width	130 mm
Height	110 mm
Depth	45 mm
Cable length	2500 mm
Protection class	IP66
Colour	yellow
Lens colour	clear

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
8000 800 127	Strands 800127



LED indicator light IZE LED

Voltage	24 V
Distance between holes	115 mm
Width	130 mm
Height	110 mm
Depth	45 mm
Cable length	2500 mm
Protection class	IP66
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
8000 811 110	Strands 800111



This figure corresponds to 8000 113 000

Rubber housing Suitable for IZE LED series

Version	Order no	Comparative no
single	8000 811 200	Strands 800112
double	8000 113 000	Strands 800113

Accessories

Description	Order no	Comparative no
Rubber seal	1007 000 199	Strands 800112-P



**WE OFFER PEACE OF MIND.
IT'S CALLED A FUNCTION WARRANTY.**



Except from design, quality and performance we're giving you a unique safety. A unique function warranty – from three to six years. This includes all products from Strands Lighting Division. The warranty covers faults that can be related to the manufacturing process, the material or assembly.





1



2



LED side marker light

Version	with reflector light
Voltage	12-36 V DC
Fastening	2 x Ø 5,5 mm
Cable length	500 mm
Width	110 mm
Distance between holes	84 mm
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Version	Height	Depth	Order no
	54 mm	16 mm	5129 000 001
with bracket	54/75 mm	16/29 mm	5129 000 004



LED side marker light

Version	with reflector
Voltage	12-36 V
Fastening	2 x Ø 5 mm
Cable length	500 mm
Width	130 mm
Height	32 mm
Depth	14,5 mm
Distance between holes	116 mm
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no
5129 000 019



LED side marker light

with 28 LEDs

Version	with warning light
Voltage	12-32 V
Cable length	380 mm
Width	111 mm
Height	51 mm
Depth	22 mm
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 810 137	Strands 810136



LED side marker light

with 8 LEDs

Version	with indicator
Voltage	12/24 V
Cable length	240 mm
Width	111 mm
Height	51 mm
Depth	22 mm
Distance between holes	90 mm
Protection class	IP66, IP68
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 810 134	Strands 810134



strands[®]
-lighting division

LED side marker light

Viking, with 6 LEDs

Voltage	12/24 V
Cable length	5000 mm
∅	70 mm
Depth	33 mm
Protection class	IP66, IP68
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
6430 004 002	Strands 800400-2



strands[®]
-lighting division

LED side marker light

with 5 LEDs

Voltage	12-24 V
Cable length	5000 mm
Width	111 mm
Height	51/76 mm
Depth	22 mm
Protection class	IP66, IP68
Colour	yellow

Scope of supply
with bracket

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 155	Strands 810130



strands[®]
-lighting division

LED side marker light

with 3 LEDs

Voltage	12/24 V
Cable length	230 mm
Width	83,8 mm
Height	24,2 mm
Depth	10,4 mm
Distance between holes	61 mm
Protection class	IP66, IP68
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 000 100	Strands 800340

IP PROTECTION CLASSES – CERTAINTY IN PURCHASING



How well is a product protected against atmospheric influences? Worklights are exposed to dust and water, for example. The IP degree of protection tells you how resistant the product is. The classes are determined in accordance with DIN 40 050 Part 9. Worklights are designed for different levels of protection:

Degree of protection IP 5K4K

Dust must only penetrate in such a quantity that does not impair function or safety. Water, which splashes onto the housing from any direction at high pressure, must not have any damaging impact; water pressure approx. 4 bar.

Degree of protection IP 5K9K

Dust must only penetrate in such a quantity that does not impair function or safety. Water, which is directed against the housing for high-pressure/steam cleaning, must not have any damaging impact; water pressure approx. 100 bar.

Degree of protection IP 6K4K

Ingress of dust is not permitted. Water, which splashes onto the housing from any direction at high pressure, must not have any damaging impact; water pressure approx. 4 bar.

Degree of protection IP 67

Ingress of dust is not permitted. Ingress of water is not permitted even through temporary submersion.

Degree of protection IP 6K8

Ingress of dust is not permitted. Protection against permanent submersion.

Degree of protection IP 6K9K

Ingress of dust is not permitted. Water, which is directed against the housing for high-pressure/steam cleaning, must not have any damaging impact; water pressure approx. 100 bar.

General overview

K = indicates tests for equipment of road vehicles

protection against the penetration of foreign objects (including dust)

First number

0	no special protection
1	solid object dia. \geq 50 mm
2	solid object dia. \geq 12.5 mm
3	solid object dia. \geq 2.5 mm
4	solid object dia. \geq 1.0 mm
5K as 5	dust protected
6K as 6	dust-tight

protection against the penetration of water

Second number

0	no special protection	4K	as 4, but with increased pressure
1	water droplets falling vertically	5	water jet from a nozzle
2	water droplets falling at an angle of up to 15°	6	as 5, but with increased pressure
3	water droplets falling at an angle of up to 60°	7	temporary submersion in water
4	water droplets from all directions	8	permanent submersion in water
		9K	cleaning under extremely high pressure



**LED working floodlight
with 16 LEDs and reversing light approval**

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	wide-reaching/close-range illumination
Voltage	12-32 V
Lighting power	3040/2200 lm
Power consumption	25 W
Width	110 mm
Height	110/139 mm
Depth	46,5 mm
Protection class	IP69K

Approved for electromagnetic compatibility (ECE-R65/EMC)
Approved for vehicles according to the European regulations on the transport of hazardous materials by road (ADR)

Order no

7001 000 010



**LED working floodlight
with 16 LEDs**

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination
Voltage	10-30 V
Lighting power	2720/2200 lm
Power consumption	25 W
Width	108 mm
Height	108 mm
Depth	48 mm
Type	surface mounting
Protection class	IP69K

Scope of supply
mounting kit incl. 1000 mm connection cable

Approved for electromagnetic compatibility (EMC)

Order no

7001 000 004



**LED working floodlight
with 9 LEDs and reversing light approval**

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	wide-reaching/close-range illumination
Voltage	12-32 V
Lighting power	1710/1210 lm
Power consumption	15 W
Width	101 mm
Height	101/131 mm
Depth	37 mm
Protection class	IP69K

Approved for electromagnetic compatibility (ECE-R65/EMC)

Order no

7001 000 011



**LED working floodlight
with 9 LEDs**

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	near-field illumination
Voltage	12-55 V
Lighting power	1685/1300 lm
Power consumption	13,5 W
Width	100 mm
Height	100 mm
Depth	74 mm
Type	surface mounting
Protection class	IP68

Scope of supply
mounting kit incl. 1500 mm connection cable

Approved for electromagnetic compatibility (EMC)
Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no

5129 000 000



LED working floodlight

with reverse polarity protection, lens made of impact and scratch resistant plastic

Voltage 10-30 V
 Ø 107 mm
 Depth 41,5 mm
 Type surface mounting
 Protection class IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

Approved for electromagnetic compatibility (EMC)



Description	Version	Lighting power	Power consumption	Fig.	Order no
with 6 LEDs	near-field illumination	1020/600 lm	9 W	1	7001 000 003
with 9 LEDs	far-reaching illumination	1530/1250 lm	15 W	2	7001 000 006



LED working floodlight

with reverse polarity protection, lens made of impact and scratch resistant plastic

Voltage 10-30 V
 Width 100 mm
 Height 100 mm
 Depth 40 mm
 Type surface mounting
 Protection class IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

Approved for electromagnetic compatibility (EMC)



Description	Version	Lighting power	Power consumption	Fig.	Order no
with 5 LEDs	near-field illumination	850/600 lm	9 W	1	7001 000 002
with 9 LEDs	far-reaching illumination	1530/1210 lm	15 W	2	7001 000 008



LED working floodlight

Mini

Voltage 9-30 V
 Lighting power, real 468 lm
 Lighting power, theoretical 1080 lm
 Power 12 W
 Width 72 mm
 Height 65 (81) mm
 Depth 40,5 mm
 Cable length 300 mm
 Housing material aluminium
 Protection class IP67

Approved for electromagnetic compatibility (EMC)



Order no
7001 000 012



LED working floodlight with 6 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination
Voltage	10-30 V
Lighting power	1140/1061 lm
Power consumption	18 W
Width	160 mm
Height	46 mm
Depth	58 mm
Type	surface mounting
Protection class	IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

Approved for electromagnetic compatibility (EMC)

Order no

7001 000 007



LED working floodlight portable, with 6 LEDs

with switch and handle, re-chargeable through cigarette lighter socket

Version	near-field illumination
Fastening	magnetic base
Voltage	12/24 V
Lighting power	1200/720 lm
Power consumption	18 W
Width	165 mm
Height	72/161 mm
Depth	75 mm
Protection class	IP67/69K

Scope of supply

with 1.2 charging cable 12/24 V

Approved for electromagnetic compatibility (EMC)

Order no

7001 000 009



LED working floodlight with 5 LEDs

with reverse polarity protection, lens made of impact and scratch resistant plastic

Version	far-reaching illumination
Voltage	10-30 V
Lighting power	4500/2290 lm
Power consumption	50 W
Width	145 mm
Height	98 mm
Depth	79 mm
Type	surface mounting
Protection class	IP69K

Scope of supply

mounting kit incl. 500 mm connection cable

Approved for electromagnetic compatibility (EMC)

Order no

7001 000 005



LED working floodlight Ultra Beam LED II, with 8 LEDs

Voltage	12/24 V
Lighting power	4000 lm
Connection	DT connector
Power consumption	56 W
Width	115 mm
Height	100/132 mm
Depth	85 mm
Type	surface-mounting, upright
Protection class	IP6K9K, IP6K8

Approved for electromagnetic compatibility (EMC)

Version	Order no	Comparative no
near-field illumination	0995 606 001	HELLA 1GA 995 606-001
far-reaching illumination	0995 606 011	HELLA 1GA 995 606-011



LED working floodlight

PowerBeam 1800 compact, With 6 LEDs

heat-conducting plastic housing, plastic spreading disc, total corrosion-protection thanks to Thermo Pro Technology, with reverse polarity protection, over-heating protection and Thermo Management

Voltage	9-32 V	Height	97/129 mm
Lighting power	1850 lm	Depth	68 mm
Connection	DT connector	Type	surface-mounting, suspended/ upright
Power consumption	26 W	Protection class	IP6K9K, IP6K8
Width	111 mm		

Approved for electromagnetic compatibility (EMC)
 Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Version	Order no	Comparative no
near-field illumination	0996 488 001	HELLA 1GA 996 488-001
far-reaching illumination	0996 488 011	HELLA 1GA 996 488-011



LED working floodlight

PowerBeam 1000 compact, with 6 LEDs

with incorrect polarity protection, thermal overload protection and Thermo Management

Voltage	12/24 V	Height	97/129 mm
Lighting power	1000 lm	Depth	63 mm
Connection	DT connector	Type	surface-mounting, suspended/ upright
Power consumption	12 W	Protection class	IP6K9K, IP6K8
Width	112 mm		

Approved for electromagnetic compatibility (EMC)
 Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Version	Order no	Comparative no
near-field illumination	0996 188 501	HELLA 1GA 996 188-501
far-reaching illumination	0996 188 511	HELLA 1GA 996 188-511



LED working floodlight

Thermo Pro Series, Q90 COMPACT LED, with 4 LEDs

robust, innovative heat conducting plastic housing, additionally provided with cooling fins which handle the heat dissipation required for the high-power LEDs, very light, fully corrosion resistant, light is dispersed using a specially developed multifaceted reflector that ensures homogeneous illumination, prevents early onset of eye fatigue during night-time work

Version	near-field illumination	Height	90/123 mm
Voltage	9-33 V	Depth	55 mm
Lighting power	1200 lm	Cable length	200 mm
Power consumption	15 W	Type	surface-mounted, suspended/upright
Width	95 mm	Protection class	IP6K9K, IP6K7

Approved for electromagnetic compatibility (EMC)



Order no	Comparative no
0996 284 001	HELLA 1GA 996 284-001



Corrosion-free and lightweight plastic housing

HELLA Compact Series

The innovative plastic housing of the HELLA Compact Series is characterised by heat conducting properties comparable to aluminium. This allows for the LEDs to be operated at higher ambient temperatures with full energy intake. The innovative plastic material of the housing prevents corrosion, thereby guaranteeing a long service life. In addition, the HELLA Compact Series scores by being significantly more lightweight with better vibration characteristics.



LED working floodlight

Modul 70 LED Gen. 3.2, with 3 LEDs

with reverse polarity protection, over-voltage protection and Thermo Management

Voltage	12/24 V
Lighting power	1800 lm
Power consumption	20 W
∅	83 mm
Height	110 mm
Depth	74 mm
Cable length	2000 mm
Type	surface-mounting, suspended/upright
Protection class	IP6K9K, IP6K8

Approved for electromagnetic compatibility (EMC)

Version	Order no	Comparative no
near-field illumination	0996 576 031	HELLA 1G0 996 576-031
far-reaching illumination	0996 576 001	HELLA 1G0 996 576-001



LED working floodlight

Modul 70 LED Gen. IV, with 3 LEDs

with reverse polarity protection, over-voltage protection and Thermo Management

Version	near-field illumination
Voltage	12/24 V
Lighting power	2500 lm
Power consumption	30 W
∅	83 mm
Height	88 mm
Depth	74 mm
Cable length	2000 mm
Type	surface-mounted, suspended/upright
Protection class	IP6K9K, IP6K8

recommended angle of tilt: 12°, far: 5°

ECE-R10 approval

Order no	Comparative no
0996 476 001	HELLA 1G0 996 476-001

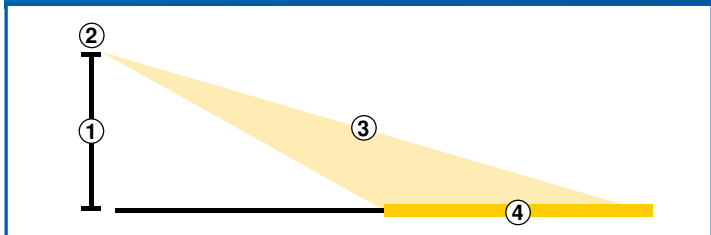
HOW IS HOMOGENEOUS ILLUMINATION ACHIEVED?

By combining various factors, homogeneous illumination of the work area can be achieved. The interaction between the following factors is important in creating the correct light pattern for the area of use.

- 1. Mounting height:** Different mounting heights change the light pattern and the illumination. The optimal mounting height is > 2.5 m.
- 2. Reflector system:** The reflectors in HELLA worklights are calculated so that the work area is illuminated evenly and the light utilised optimally.
- 3. Tilt angle:** Changes to the angle of the worklight can result in completely different lighting. The tilt angle should be between 2° and 15°, depending on the area of use.
- 4. Illumination area:** By combining close-range and long-distance illumination, it is possible to achieve an ideal lighting solution for daily work, depending on the area of use.

The advantages:

- **Increased safety**, because the surrounding area and possible obstacles or hazards can be identified quickly.
- **Increased work efficiency**, as physical strain is reduced and thus it is possible to work in a focused manner for longer.



LED working floodlight

rugged aluminium casing in flat construction design, with incorrect polarity protection

Voltage	9-33 V
Connection	DT connector
Mounting height	0,5-1,5 m
Cable length	2000 mm
Type	surface-mounting, suspended/upright
Protection class	IP67

Approved for electromagnetic compatibility (EMC)

Model	Version	Power consumption	Lighting power	Width	Fig.	Order no	Comparative no
LED Lightbar LBX-220	near-field illumination, with 3 LEDs	22 W	1000 lm	209 mm	1	0360 000 002	HELLA 1GE 360 000-002
LED Lightbar LBX-380	near-field illumination, with 6 LEDs	44 W	2000 lm	374 mm	2	0360 001 002	HELLA 1GJ 360 001-002
LED Lightbar LBX-540	far-reaching illumination, with 9 LEDs	66 W	3500 lm	539 mm	3	0360 002 002	HELLA 1GJ 360 002-002
LED Lightbar LBX-720	far-reaching illumination, with 12 LEDs	88 W	5500 lm	704 mm	4	0360 003 002	HELLA 1GJ 360 003-002



LED working floodlight with 36 LEDs

Voltage	10-30 V
Lighting power, theoretical	21600 lm
Lighting power, real	13000 lm
Connection	DT connector
Height	118/152,2 mm
Depth	90,4 mm
Cable length	200 mm
Housing material	aluminium
Protection class	IP 67/69K

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 239	Strands 809239



LED working floodlight with 16 LEDs

with integrated temperature control, frameless light lens

Voltage	12/24 V
Lighting power, theoretical	15000 lm
Lighting power, real	7366 lm
Connection	DT connector
Power consumption	96 W
Width	110,27 mm
Height	110,26/144,13 mm
Depth	57,6 mm
Cable length	500 mm
Housing material	aluminium
Protection class	IP69K

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 240	Strands 809240



LED working floodlight Rock Solid, with 12 LEDs

Connection	DT connector
Power consumption	38 W
Width	108,5 mm
Height	108,5/154 mm
Depth	90 mm
Cable length	2500 mm
Housing material	aluminium, polypropylene
Protection class	IP68

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (ADR)



Voltage	Lighting power, theoretical	Lighting power, real	Order no	Comparative no
10-30 V	4000 lm	3300 lm	1007 903 300	Strands 8090-3300ADR
10-33 V	2400 lm	1750 lm	1007 901 751	Strands 8090-1750ADR



LED working floodlight with 9 LEDs

Voltage	9-32 V
Lighting power, theoretical	5200 lm
Lighting power, real	6187 lm
Connection	DT connector
Height	114,4/120 mm
Depth	45 mm
Cable length	520 m
Housing material	aluminium
Protection class	IP 67/69K

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 238	Strands 809238





LED additional headlight

ALASKA, with 5 LEDs

automatically heated headlight lens

Version	with low beam, indicator and high beam
Voltage	12/24 V
Connection	DT-6 connector
Power consumption	30 W
Width	200,4 mm
Height	142,4/177,8 mm
Depth	85,5 mm
Cable length	500 mm
Housing material	aluminium
Protection class	IP67/69K



luminous flux, theoretically 3000 lm (high beam) of 2400 lm (low beam)
 luminous flux, real 1380 lm (high beam) 1008 lm (low beam)

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 270 708	Strands 270708



LED working floodlight

with 4 LEDs

Voltage	9-32 V
Lighting power, theoretical	2750 lm
Lighting power, real	2200 lm
Connection	DT connector
Height	85,2/95,5 mm
Cable length	520 mm
Housing material	aluminium
Protection class	IP 67/69K

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 237	Strands 809237



LED working light rail

YETI Side Shooter, with 40 LEDs

heated light lens

Version	with warning light
Voltage	9-32 V
Lighting power, theoretical	12320 lm
Lighting power, real	7286 lm
Power consumption	120 W
Width	610 mm
Height	78,5/119,28 mm
Depth	63 mm
Cable length	970 mm
Housing material	aluminium
Protection class	IP69K



Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
1007 809 149	Strands 809149



CONVINCING ALL AROUND.

Rotating beacons are not only used in rescue vehicles, but are also necessary wherever a particular warning of hazard situations is required – e.g. for shunting work with large vehicles or for heavy loads.

We offer an extensive product range of rotating beacons and warning systems, which includes an ideal product for every situation.



LED flashing beacon

Slim

with 10 different flashing patterns to choose from

Voltage	12-30 V	Height	48 mm
Power	26 W	Cable length	2500 mm
Fastening	fixed surface-mounting	Protection class	IP67
∅	112 mm	Colour	yellow

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no

7001 090 005

Which rotating beacons are approved for road traffic? – ECE Regulation 65 –

A rotating beacon must only be used on public roads if it complies with ECE Regulation 65. ECE Regulation 65 is the European directive for warning lights. It specifies the light values to be achieved, light distribution, mounting requirements, etc.

The large E approval mark (E1 in this case) indicates whether the rotating beacon complies with the ECE Regulation and has thus been approved.

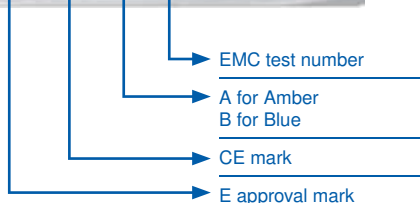
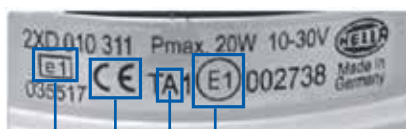
Mounting in accordance with ECE-R65

The warning light shall be designed such that no maladjustment is possible after it has been mounted correctly on the vehicle (ECE-R65 5.2).

Light values in accordance with ECE-R65

The light values to be achieved are specified with the help of the effective light intensity. An amber rotating beacon must, for example, achieve a light intensity of 70 cd (candela) at night, at a vertical angle of +8°. A blue rotating light, on the other hand, must achieve 25 cd at night, at a vertical angle of +4°.

Each in cd (candela)	Blue	Amber	Red
0°	50	100	50
4°	25	-	25
8°	-	70	-





LED flashing beacon

with 20 LEDs and shock-proof lens

Version	with double flash function and reverse polarity protection
Voltage	12/24 V
∅	165 mm
Protection class	IP68
Colour	yellow

Approved for electromagnetic compatibility (ECE-R65/EMC)

Fastening	Height	Cable length	Fig.	Order no
permanent surface mounting	78 mm	1500 mm	1	5129 000 011
with magnet	78 mm	3000 mm	2	5129 000 012
flexible pipe nozzle, ∅ 24 mm	160 mm		3	5129 000 013



LED flashing beacon

with 9 LEDs and shock-proof lens

Version	with double flash function and reverse polarity protection
Voltage	12/24 V
∅	145 mm
Colour	yellow
Protection class	IP68

Approved for electromagnetic compatibility (ECE-R65/EMC)

Fastening	Height	Cable length	Fig.	Order no
fixed mounting	126 mm	1500 mm	1	5129 000 014
with magnet	126 mm	3000 mm	2	5129 000 015
flexible pipe nozzle, ∅ 24 mm	204 mm		3	5129 000 016



LED flashing beacon

K-LED Rebelution

best light exposure values with smallest light emitting surface, optimum warning signal with very long service life, maintenance free according to the "Fit + Forget" approach, very flat design, intense and immediate perception through double flash signal, best warning effect thanks to steep rise of the exposure values, warning effect 360°

Version	flashing	Height	60,7 mm
Voltage	12/24 V	Cable length	150 mm
Fastening	Fixed surface-mounting	Protection class	IP6K9K
∅	149 mm	Colour	yellow

Approved for electromagnetic compatibility (EMC)
 Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no	Comparative no
0455 255 001	HELLA 2XD 455 255-001



LED rotating beacon

K-LED Rebelution

best light exposure values with smallest light emitting surface, optimum alarm signal with very long service life, maintenance free according to the "Fit + Forget" approach, very flat design, permanently visible warning light thanks to new LED technology, additionally reinforced surrounding signal

Version	rotating	Height	60,7 mm
Voltage	12/24 V	Cable length	150 mm
Fastening	Fixed surface-mounting	Protection class	IP6K9K
∅	149 mm	Colour	yellow

Approved for electromagnetic compatibility (EMC)
 Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Order no	Comparative no
0455 256 001	HELLA 2RL 455 256-001

THE BEAUTY FOR YOUR BEAST.



K-LED REBELUTION:
 THE NEW TOP PERFORMANCE
 DESIGNER BEACON FOR
 YOUR VEHICLE.





LED flashing beacon

K-LED Blizzard

modern design with the latest LED technology, rugged aluminium housing, impact-resistant light bonnet of polycarbonate, flashing light function, with incorrect polarity protection, very good warning effectiveness, synchronisation of up to 4 pilot lights possible

Voltage	10-30 V	Colour	clear
Power consumption	16 W	Light colour	yellow
Protection class	IP6K7, IP6K9K		

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Fastening	Height	∅	Fig.	Order no	Comparative no
fixed mounting	88 mm	149 mm	1	0012 980 001	HELLA 2XD 012 980-001
with magnet	95,5 mm	149 mm	2	0012 980 021	HELLA 2XD 012 980-021
flexible pipe nozzle, ∅ 24 mm	132 mm	149 mm	3	0012 980 011	HELLA 2XD 012 980-011



LED rotating beacon

K-LED 2.0

with shell reflector and 20 high-power LEDs, programmable electronics for different flashing sequences or rotating function, light intensity automatically matched to the ambient light using a sensor (day/night mode), with reverse polarity protection, polycarbonate lens

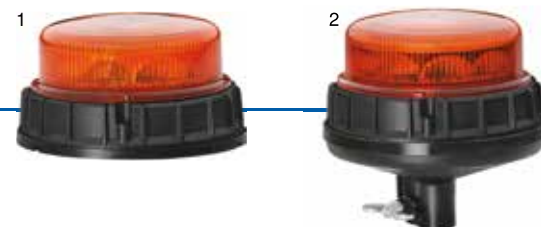
Voltage	12/24 V
Protection class	IP67, IP5K4K, IPX9K
Colour	yellow

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Fastening	∅ x height	Order no	Comparative no
permanent surface mounting	169,3 x 87,6 mm	0011 557 101	HELLA 2XD 011 557-101
tube bracket	165 x 160,6 mm	0011 557 201	HELLA 2XD 011 557-201
with magnet	165 x 95,6 mm	0011 557 301	HELLA 2XD 011 557-301



LED flashing beacon

K-LED 2.0

Version	flashing/rotating
Voltage	12/24 V
Protection class	IP67, IP9K
Colour	yellow
Housing colour	black

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Fastening	∅	Order no	Comparative no
fixed surface-mounting	169,3 mm	0011 557 841	HELLA 2XD 011 557-841
pipe nozzle	165 mm	0011 557 811	HELLA 2XD 011 557-811



LED rotating beacon

Rota LED Compact

with reverse polarity protection, flexible foot protects against collisions with tree branches: the warning lights around the edges of the truck can bend and then return to their original position.

Voltage 10-30 V
Protection class IP67, IPX9K
Colour yellow

Approved for electromagnetic compatibility (EMC)

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Fastening	Version	Power consumption	Ø x height	Fig.	Order no	Comparative no
fixed mounting	flashing	10 W	165 x 118 mm	1	0013 979 001	HELLA 2XD 013 979-001
with magnet	flashing	10 W	165 x 130 mm	2	0013 979 021	HELLA 2XD 013 979-021
flexible tube bracket, Ø 24 mm	flashing	10 W	165 x 164 mm	3	0013 979 011	HELLA 2XD 013 979-011
fixed mounting	rotating	7 W	165 x 118 mm	1	0014 979 001	HELLA 2RL 014 979-001
with magnet	rotating	7 W	165 x 130 mm	2	0014 979 021	HELLA 2RL 014 979-021
flexible pipe nozzle, Ø 24 mm	rotating	7 W	165 x 164 mm	3	0014 979 011	HELLA 2RL 014 979-011



LED rotating beacon

KL 7000 LED

impact-proof, flat polycarbonate beacon dome, radio interference suppression: CISPR 25, class 5 (conducted), maintenance-free, very long service life, insensitive to vibrations and shocks, intensive lighting effect with low current draw, optimum thermal management, innovative electronic design enables rotating LED light function without moving parts, with reverse polarity protection, **LED upgrade of existing halogen versions without major installation work**

Ø 165 mm
Standard DIN 14 620
Voltage 12/24 V
Power consumption 10 W
Protection class IP5KX, IPX4K, IPX9K



Application range

for use under extreme conditions

Approved for vehicles according to the European regulations on the transport of hazardous materials by road (GGVS/ADR)



Fastening	Height	Order no	Comparative no
permanent surface mounting	118,9 mm	0011 484 001	HELLA 2RL 011 484-001
flexible pipe nozzle, Ø 24 mm	193,9 mm	0011 484 011	HELLA 2RL 011 484-011
with magnet	131,2 mm	0011 484 021	HELLA 2RL 011 484-021



LED flashing beacon

with 18 LEDs

Voltage 12/24 V
 Power 17 W
 Ø 112 mm

Approved for electromagnetic compatibility (ECE-R65/EMC)

Fastening	Height	Cable length	Fig.	Order no	Comparative no
fixed surface-mounting	46 mm	300 mm	1	1007 809 094	Strands 809094
with a magnet	46 mm	3500 mm	2	1007 809 096	Strands 809096
pipe fastening	140 mm		3	1007 809 095	Strands 809095



LED rotating beacon

with three different flashing patterns at choice

Version rotating
 Voltage 12/24 V
 Power consumption 36 W
 Protection class IP65
 Colour yellow

Approved for electromagnetic compatibility (ECE-R65/EMC)

Fastening	Ø	Height	Fig.	Order no	Comparative no
fixed surface-mounting	140 mm	183 mm	1	1007 000 141	Strands 809056
with magnet	140 mm	183 mm	2	1007 000 143	Strands 809058
Pipe nozzle, Ø 24 mm	128 mm	234 mm	3	1007 000 142	Strands 809057



LED flashing beacon with magnet/suction cup fastening

portable, rechargeable over cigarette lighter, with switch and battery power indication

Version with single/double flash and rotation mode
 Voltage 12/24 V
 Power consumption 8,4/36/40 W
 Cable length 4000 mm
 Ø 128 mm
 Height 140 mm
 Protection class IP65
 Colour yellow

Approved for electromagnetic compatibility (ECE-R65/EMC)



Order no	Comparative no
1007 809 084	Strands 809084



LED flashing warning light with 6 LEDs

20 different flash patterns

Voltage	12/24 V
Power	18 W
Width	113 mm
Height	29 mm
Depth	9,2 mm
Cable length	2000 mm
Colour	yellow
Protection class	IP66/IP68

Approved for electromagnetic compatibility (EMC)
 Approved for vehicles according to the European regulations on the transport of hazardous materials by road (ADR)



Order no

7001 090 003



LED flashing warning light with 3 LEDs

12 different flash patterns

Voltage	12/24 V
Power	18 W
Width	75,5 mm
Height	28,1 mm
Depth	10 mm
Cable length	2000 mm
Colour	yellow
Protection class	IP68

Approved for electromagnetic compatibility (EMC)
 Approved for vehicles according to the European regulations on the transport of hazardous materials by road (ADR)



Order no

7001 090 004



THE PERFECT MATCH

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LED flashing warning light set

with 6 LEDs

flat, compact construction design, 5 different flash patterns, 1x to 4x flash and permanent lighting, with overvoltage protection, can be synchronised with 2 or more units

Voltage	12/24 V
Power consumption	13-17 W
Fastening	fixed mounting
Dimensions	132 x 32 x 13 mm
Cable length	250 mm
Version	day/night mode
Light colour	yellow
Protection class	IPX7, IPX9K

Scope of supply

2 LED warning flashlights

Approved for electromagnetic compatibility (ECE-R65/EMC)

Model	Type	Order no	Comparative no
BST-SLIM	surface-mounting, horizontal	0014 562 201	HELLA 2XD 014 562-201
BST-V-SLIM	surface-mounting, vertical	0014 592 201	HELLA 2XD 014 592-201



LED flashing warning light set

BST-SLIM, with 3 LEDs

flat, compact construction design, 5 different flash patterns, 1x to 4x flash and permanent lighting, with overvoltage protection, can be synchronised with 2 or more units

Voltage	12/24 V
Power consumption	7-14 W
Fastening	fixed attachment, 1 level
Dimensions	89 x 32 x 13 mm
Type	surface-mounting, horizontal
Cable length	200 mm
Light colour	yellow
Protection class	IPX7, IPX9K

Scope of supply

2 LED warning flashlights

Approved for electromagnetic compatibility (ECE-R65/EMC)

Order no	Comparative no
0014 563 201	HELLA 2XD 014 563-201



LED flashing warning light

DUO, with 12 LEDs

with day and night mode

Voltage	12/24 V
Cable length	250 mm
Width	132 mm
Height	45 mm
Depth	10 mm
Colour	yellow/clear
Lens colour	clear
Protection class	IP68

Approved for electromagnetic compatibility (ECE-R65/EMC)

Order no	Comparative no
1007 850 135	Strands 850135HP-A



This figure corresponds to 1007 850 140

LED warning light bar

MONITUM

with 11 different flash patterns

Version	with position light
Voltage	12/24 V
Width	200 mm
Height	33,5/74,5 mm
Cable length	4000 mm
Colour	clear
Light colour	yellow
Protection class	IP67

Scope of supply

with fastening elements

Approved for electromagnetic compatibility (ECE-R65/EMC)

Length	Power	Version	Order no	Comparative no
474 mm	76 W	with 120 LEDs	1007 850 140	Strands 850140
932 mm	90 W	with 192 LEDs	1007 850 141	Strands 850141
1238 mm	100 W	with 240 LEDs	1007 850 142	Strands 850142
1391 mm	105 W	with 264 LEDs	1007 850 145	Strands 850145
1544 mm	110 W	with 288 LEDs	1007 850 143	Strands 850143
1850 mm	144 W	with 312 LEDs	1007 850 144	Strands 850144





LED flashing warning light

IZE LED

Voltage	24 V
Width	130 mm
Height	110 mm
Depth	45 mm
Cable length	2500 mm
Lens colour	clear
Protection class	IP66

Approved for electromagnetic compatibility (EMC)

Order no	Comparative no
8000 811 500	Strands 800115



This figure corresponds to 8000 113 000

Rubber housing

Suitable for IZE LED series

Version	Order no	Comparative no
single	8000 811 200	Strands 800112
double	8000 113 000	Strands 800113

Accessories

Description	Order no	Comparative no
Rubber seal	1007 000 199	Strands 800112-P



LED flashing warning light

Installation location	rear elevating platform
Voltage	12/24 V
Power consumption	5 W
Length	109,7 mm
Height	86,43 mm
Depth	14,78 mm
Cable length	3000 mm
Pin spacing	69 mm
Distance between holes	78,5 mm
Protection class	IP66, IP68

Approved for electromagnetic compatibility (ECE-R65/EMC)

Order no	Comparative no
1007 800 152	Strands 800152



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