

Performance Lighting

for Power Sports Vehicles





Freedom without adventure.

Those who have Hella as their partner are open to everything – as developers, manufacturers and users, because Hella means complete freedom – free of risk. Innovative depth: Modular concepts. Technological leadership.

Hella has earned itself a leading global position through diligence, creativity and top-quality precision. For over one hundred years. Hella and modern Power Sports products– a long-term successful partnership.

- More safety through innovations in lighting technology: e.g. LED daytime running light und dynamic bending light.
- More economy thanks to integrated electrics and electronics components: e.g. the fully automatic tyre pressure control, electronic gas pedals or intelligent battery sensors.
- More equipment versions, more brand-typical features and more trendsetting: e.g. through an extraordinary depth of product range and modular systems.
- More safety in production and in use: e.g. through OEM quality, through synergies from our developments for the international automotive industry and zero-fault quality management.



LED technology: More safety, more economy, more design options.

More safety.

LED lights stand out due to their particularly fast switch-on times. Milliseconds on a stopwatch can mean quite a few yards on the motorway. Enough said about increased safety. Let's hope your LED technology will never have to be tested in this way.

More economy.

Drivers, fleet managers and business owners alike will very quickly notice the economic advantages of LED technology. LEDs have an extremely long service life. This means: less downtime and repair times, fewer spare parts, fewer delays. In other words, less stress and lower costs. LEDs usually pay off as soon as the first conventional bulb would normally have to be replaced.

More design options.

Despite the minimum amount of space LED components take up on the overall bodywork, their design force is enormous. They can make the vehicle look slimmer, broader, deeper, higher, trendier ... as a trendsetter in the LED sector Hella is opening up a whole new world of design freedom for design engineers.

More design freedom through LEDs.

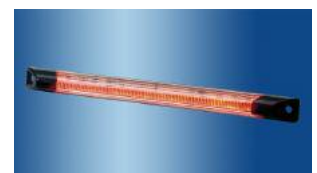
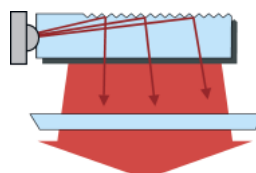
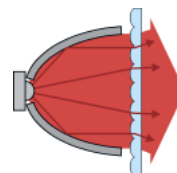
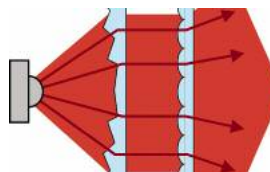
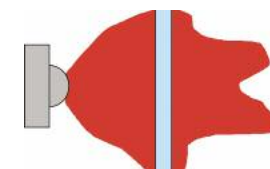


Thanks to the use of LEDs, design engineers have a great deal more design freedom. Ergonomic aspects can also be implemented easily and effectively.

Wide range of technical possibilities through LEDs.

Depending on the requirements on the product or customer wishes, Hella uses LEDs in different optical systems. Here are some examples for combination rearlights.

Direct light	Spot-shaped appearance No optical system necessary Max. distance between 2 LEDs = 15 mm
Fresnel systems	Suitable for all functions Homogeneous appearance
Reflector with pattern/ Lens without pattern	High degree of effectiveness Brilliant finish
Light guide Systems	Elongated appearance Homogeneous illumination Adaptation to curved exterior shape



Head Lamps



Module 60

- With HB3 bulb 12 V
- Reflector made of aluminium cast

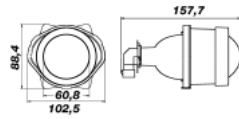
Low beam

1BL 998 570-001	right side traffic	ECE/SAE
1ML 998 570-011	left side traffic	ECE
1TL 998 570-331	symmetrical light distribution	ECE/SAE

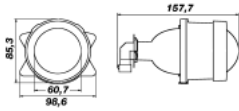
High beam

1KL 998 570-021	without position function	ECE/SAE
1KL 998 570-031	with position function	ECE/SAE

Accessories HB3 mating connector with terminals
8JA 990 295-217



low beam



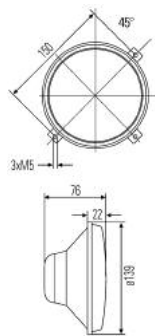
high beam

M 133

- With H4 bulb 12V
- Plastic reflector with pattern - free glass lens
- Flush mounting

Low/high beam with position function

1A3 996 162-021	right side traffic	ECE/SAE
1L3 996 162-091	left side traffic	ECE

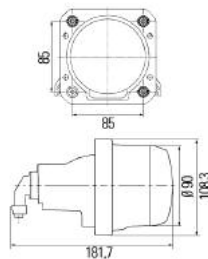


Bi Halogen - sealed

- With 12V bulb
- Reflector made of aluminium cast
- Tight system

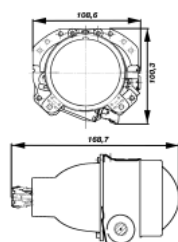
Low/high beam from one headlight

1AL 009 998-001	right side traffic, H7	ECE
1LL 009 998-011	left side traffic, H7	ECE
1AL 009 998-021	right side traffic, H9	SAE

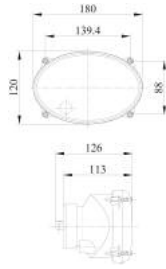


Bi Halogen - unsealed

- For H7 bulb 12V
- ECE and SAE approvals
- Sheet metal reflector
- Low beam and high beam from one headlight
- Non tight system, usable for customized headlamp applications only



Head Lamps



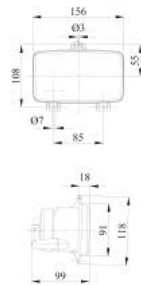
Oval 120

- With H4 bulb 12V
- Plastic reflector with pattern - free glass lens
- Flush mounting

Low/high beam with position function

1AB 996 157-061 right side traffic

ECE/SAE



Model 6214

- With H4 bulb 12V
- Plastic reflector with pattern - free glass lens
- Flush mounting

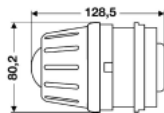
Low/high beam with position function

1AB 996 214-041 right side traffic

ECE/SAE

1AB 996 214-501 left side traffic

ECE



50 mm Premium Module - Low Beam

- With H7 bulb 12V
- Reflector made of aluminium cast

1BL 009 071-001 right side traffic

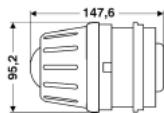
ECE

1ML 009 071-011 left side traffic

ECE

1BL 009 071-081 right side traffic

SAE



50 mm Premium Module - High Beam

- With H9 bulb 12V
- Reflector made of aluminium cast

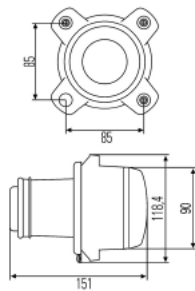
1KL 009 486-001

ECE/SAE





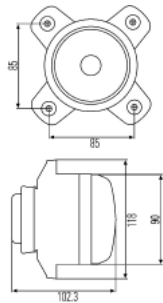
Head Lamps



Module 90mm – Low Beam

- 12V
- Reflector made of magnesium cast

1BL 008 193-001	right side traffic, H7	ECE
1LL 008 193-117	left side traffic, H7	ECE
1BL 008 193-021	right side traffic, H9	SAE



Module 90mm – High Beam

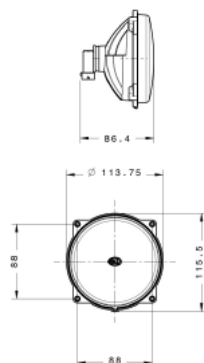
- 12V
- Reflector made of magnesium cast

With position function

1K0 008 191-001	H7	ECE
1K0 008 191-131	H9	SAE

Without position function

1K0 008 191-021	H7	ECE
1K0 008 191-051	H9	SAE



PS 95

- With H11 bulb 12V
- Plastic reflector with pattern - free glass lens
- With H8 bulb 12V on request

Low beam

1T0 998 583-007	symmetrical light distribution	ECE/SAE
-----------------	--------------------------------	---------

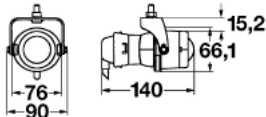
High Beam

1K0 998 583-017	with position function	ECE/SAE
-----------------	------------------------	---------

Without position function on request



Fog Lamps

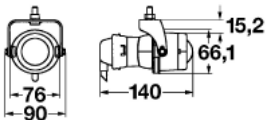


Micro DE Premium Module

- With H3 bulb 12V
- Reflector made of aluminium cast

1NL 008 090-301

ECE/SAE

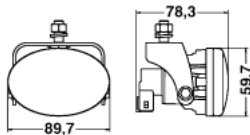


Micro DE

- With H3 bulb 12V
- Reflector made of aluminium cast

1NL 008 090-031

ECE/SAE

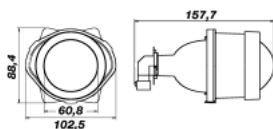


FF40

- With H8 bulb 12V
- With sheet metal reflector
- Plastic housing with glass lens

1NA 010 047-111

ECE/SAE



Module 60

- With H8 bulb 12V
- Reflector made of aluminium cast

1NL 998 570-341

SAE

ECE approval on request

Day Time Running Lights

Daytime running lights – the advantages at a glance:

- The daytime running lights are activated when the ignition is turned on
- Optimum detection in road traffic
- Special signal image for driving in daylight
- Increased accident protection
- Minimum power requirements



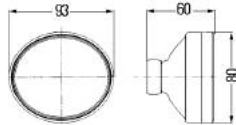
Without daytime running lights



With daytime running lights

Bulb version

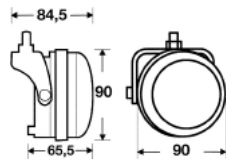
- With high performance bulb 16W 12V
- Surface mounting



2PT 008 935-011

LED version round

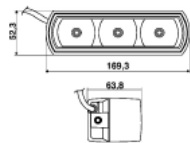
- 3 High power LEDs
- Multivolt 9-33V
- Surface mounting
- Pre-fitted professional cable harness



2PT 009 599-801 Set

LED version rectangular

- 3 High power LEDs
- Multivolt 9-33V
- Surface mounting

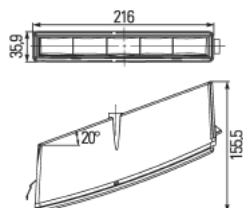


2PT 009 496-011 without position function

2PT 009 496-007 with position function

LEDayLine

- 5 High power LEDs
- Multivolt 9-33V
- Flush mounting



2PT 010 043-801 Set with position function

Position Lamps



Series 8562

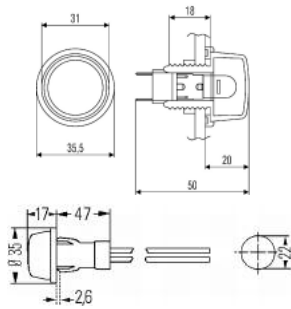
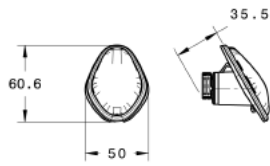
- 12V
- Flush mounting

Non tight system

- 2PF 998 562-007 transparent lens, T4W bulb
- 2PF 998 562-017 grey smoked lens, T4W bulb

Tight system

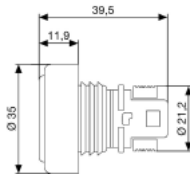
- 2PF 998 562-027 transparent lens, W5W bulb,
with pre assembled cable, l=1100mm



Series 3563

- With W5W bulb 12V
- Flush mounting

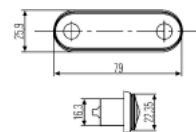
- 2PF 003 563-177 with 2-pin connector
- 2PF 003 563-151 with cable 1800mm



Series 0825

- With LED 12V
- Flush mounting

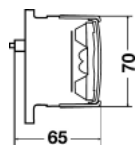
- 2PF 340 825-041



Series 9590

- With LED Multivolt 9-33V
- Flush mounting
- With pre assembled cable, l=500mm

- 2PF 959 590-401

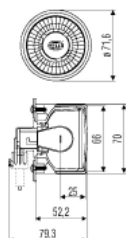


Series 9001

- 12V
- Flush mounting

LED version

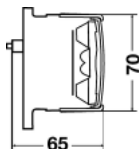
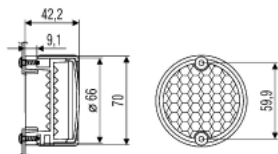
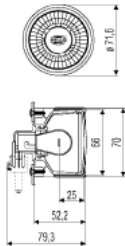
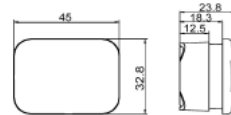
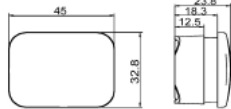
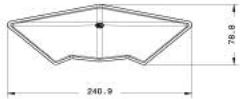
- 2PF 009 001-421



Bulb version

- 2PF 009 001-081

Signal Lighting



PS 8578

- 12V
- Stop-taillight function with rear reflex
- Different cable on request

Bulb versions 21/5W:

2SU 998 578-017	with plate function	
	and cable 175mm	ECE
2TA 998 578-037	with cable 175mm	ECE/SAE

LED version:

2TA 998 578-047	with cable 1500mm	ECE/SAE
-----------------	-------------------	---------

PS 8558/8559

- 12V
- ECE approval for motorcycle and ATV only

2SB 998 558-001	stop- taillight	ECE
2BA 998 559-001	rear flasher	ECE

60mm Premium Lights

- 12V

2SA 009 001-041	taillight	ECE
2DA 009 001-051	stoplight	ECE
2SB 009 001-061	stop- taillight	ECE
2BA 009 001-001	rear flasher	ECE
2NE 009 001-021	rear fog light	ECE/SAE
2ZR 009 001-011	back-up light	ECE/SAE

Macro reflector for 60mm Premium Lights

8RA 009 001-031	rear reflex	ECE/SAE
-----------------	-------------	---------

LED 60mm Premium Lights

- 12V
- 12 Power Topled LEDs

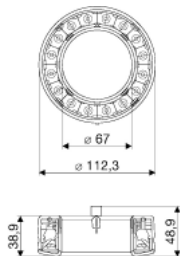
2SB 009 001-401	stop- taillight	ECE
2BA 009 001-511	rear flasher	ECE

Design ring Ø 60mm

Suitable for 60mm light modules with a diameter of 71,6mm (...009 001-...)

One "click" is all it takes for a perfect high-sheen finish

9HB 161 122-012	high-sheen chrome-plated
9HB 161 122-007	silver
9HB 161 122-002	Premium silver



Ring modules

accessories for 60mm Premium lights

Available either with a clear-glass or red cover lens

- 12V
- LED

Stop- taillight

2SB 009 362-041 stop- taillight, red lens	ECE
2SB 009 362-021 stop- taillight, clear glass lens	ECE

Taillight = 0,1 W
Stop light = 2,3 W

Rear reflex

8RA 009 362-001 rear reflex	ECE
-----------------------------	-----

Design ring Ø 118mm

Suitable for ring module (... 009 362- ...), available either with a perfect high-sheen finish or silver coloured with a "click"

9HB 163 085-012 high-sheen chrome-plated
9HB 163 085-001 silver

Combination sample with macro reflector, ring module and design ring

Adapter ring

to be screwed in place from the front

For combination rear lights ø 60mm
Direct mounting and mounting in the ring module

9XD 161 119-007 black

Adapter ring

For mounting LED lights or the reflector in the ring module

9XD 161 119-017 black, not illustrated
--

Locking ring for front-end-installation

Suitable for bulb and LED version

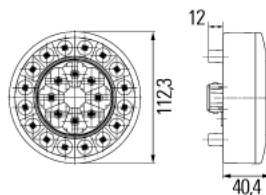
8HG 162 530-007 silver coloured

Counter-plug set for 20 lights

8JD 156 150-807 2 pole
8JD 162 581-802 3 pole, not illustrated



Signal Lighting and Reflectors

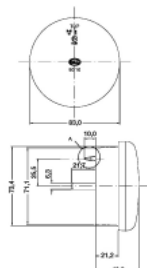


LED multifunction module SAE

- 12V
- 24 LEDs

2SD 009 362-201 tail-, stop- and turn light

SAE

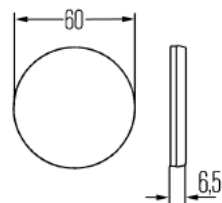


LED Pebble

- 24 Power Topped LEDs
- Multivolt 9-33V
- Flush fitting

2SB 959 010-001 stop- taillight

ECE



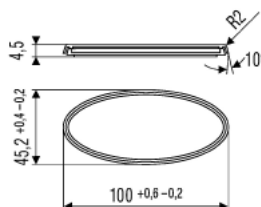
Round reflector

Self-adhesive

8RA 002 014-081 red

8RA 002 014-101 amber

8RA 002 014-091 white



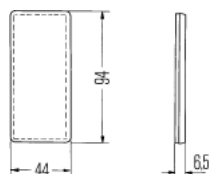
Oval reflector

Self-adhesive

8RA 343 160-001 red

8RA 343 160-021 amber

8RA 343 160-011 white



Reflector

Self-adhesive

8RA 003 326-031 red

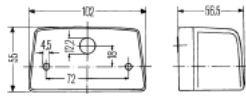
8RA 003 326-041 amber

8RA 003 326-051 white



License plate lamps

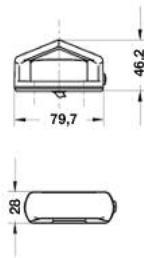
Series 8523



- For R10W bulb 12V
- Surface mounting
- Different cable on request

2KA 998 523-001	Heavy duty	ECE/SAE
2KA 998 523-131	Standard	ECE/SAE

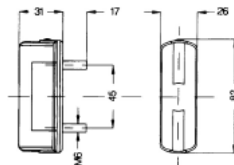
PS 8567



- With C5W bulb 12V
- Surface mounting
- Different cable on request

2KA 998 567-007		ECE/SAE
-----------------	--	---------

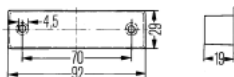
Series 7011



- For C5W bulb 12V
- Surface mounting
- Different cable on request

2KA 997 011-011	chromed housing	ECE/SAE
2KA 997 011-021	plastic housing	ECE/SAE

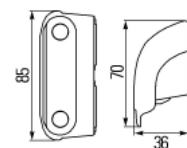
Series 4331



- For C5W bulb 12V
- Flush mounting
- Different cable on request

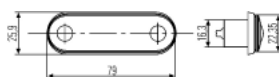
2KA 004 331-061		ECE/SAE
-----------------	--	---------

Series 9640

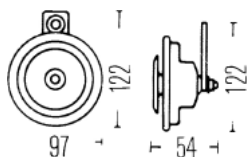


- With LED Multivolt (10-33V DC)
- With pre assembled cable, l=2500mm

2KA 959 640-102	flush mounting	ECE/SAE
2KA 959 640-601	surface mounting	ECE/SAE



Electromechanical Products

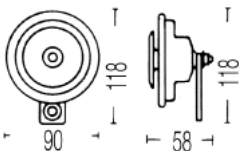


Horns

- 66W
- 115dB

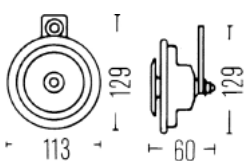
3AL 002 952-011 12V, 400Hz

3AL 002 952-147 12V, 400Hz, black



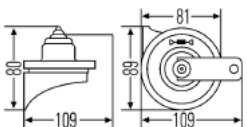
- 60W
- 113dB

3AL 996 156-007 12V, 400Hz, black



- 72W
- 116dB

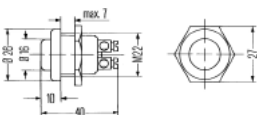
3BA 002 768-082 12V, 335Hz



Trumpet horn

- 72W
- 115dB

3FG 940 800-177 12V, 400Hz, black



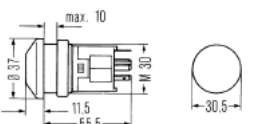
Switches - flush mounting

Push button switch

6JF 001 571-045 12V, 20A short

6JF 001 571-101 12V, 12.5A short

6JF 001 571-071 12V, 20A short, IP54



hazard flasher button switch

6HF 003 916-011 12V, bulb W1. 2W, lens red

Actuators - for electrical central locking

electrical extend and retract

6NW 009 203-401 12V, 30N, IP5K0

6NW 009 203-411 12V, 50N, IP5K0

6NW 009 203-421 12V, 30N, IP5K4

6NW 009 203-431 12V, 50N, IP5K4

electrical retract/ extend with spring

6NW 009 203-461 12V, 50N, IP5K0

6NW 009 203-471 12V, 50N, IP5K4

electrical extend / retract with spring

6NW 009 203-491 12V, 50N, IP5K0

6NW 009 203-501 12V, 50N, IP5K4



Electromechanical Products



Flasher Units

4DB 003 750-707	12V, 2x10W, 4x10W	12V/10W
4DB 003 750-661	12V, 2x21W+5W, 4x21W	12V/21W
4DB 003 750-737	12V, 2x10W, 16(x2)W	12V/10W
4DB 003 750-137	12V, 2x10W+2W, 4x10W, with clip	12V/10W
4DB 003 750-651	12V, 2x21W+5W, 4x21W	12V/21W
4DB 003 750-361	12V, 2x10W, 4x10W	12V/10W

LED Flasher Unit

4DN 009 492-111	12V LED, 3+1W
-----------------	---------------

Relay

4RD 960 388-137	12V, changeover contacts
4RA 003 510-087	12V, make contacts
4RD 003 520-137	12V, changeover contacts
4RD 007 794-021	12V, changeover contacts

Timer Relay

5HE 996 152-001	12V, 10A, 40sec.
5HE 996 152-011	12V, 10A, 10sec.
5HE 996 152-021	12V, 10A, 0-900sec. Delay-off
5HE 996 152-041	12V, 10A, 0-900sec. Delay-on
5HE 996 152-001	12V, 10A, 7.5sec. Delay-on
5HE 996 152-001	12V, 10A, 7.5sec. Delay-off

Diode combinations

9ML 996 164-001	12V, 1A, 1000V
9ML 996 164-011	12V, 3A, 1200V
9ML 996 164-021	12V, 3A, 600V
9ML 996 164-031	12V, 3A, 600V

Battery Disconnect Relay

- Battery saving for long term parking or overseas shipping
- Switch power net free from potential for maintenance
- Safety-switch-off for crash or defects, for fire prevention

TC 400 – Tyre pressure control unit

- Pressure range: 0 - 5,2 bar
- Changeable Display (7 colours)
- 4 Sensor valve
- With cable
- Central data unit



© 2008 BRP, used with permission. All rights reserved. © KTM, pictures Schedl R. Can-Am, Ski-Doo GSX, GTX, MX Z, Summit, REV XP, Oullander, Spyder and the BRP logo are trademarks of Bombardier Recreational Products Inc. or its affiliates, used under license.

Hella Fahrzeugteile Austria GmbH.
Target Group Power Sports
Fabriksgasse 2
A-7503 Grosspetersdorf
Austria

Tel.: +43 (0) 3362 9001-0
Fax: +43 (0) 3362 9001-118
Email: powersports@hella.com
Internet: www.hella.com

