

Innovative Technologies

Customized Solutions

Intensive Support

**Our Ideas,
Your Success.**

Lighting Systems for 12-V-Trailers



***Ideas today for
the cars of tomorrow***

Hella – your reliable partner

■ Put your trust in quality products from Hella

Hella has been designing lighting innovations for motor vehicles since 1899 – a century-long partnership that has covered "light years" of technical progress. Hella can offer you system knowledge, experience with mass production, process know-how, experience and an international profile for the implementation of innovative concepts. Hella is an OEM supplier to all well-known car manufacturers.

■ Wide range of products

Hella supplies a very wide range of lamps that you can offer your customers as system solutions or to fulfil individual requirements. In addition, Hella also has a very wide range of other lighting, electrical systems and electronic products as well as accessories available. Important lighting products for your replacement part business can be found in this brochure, the complete range is in our catalogues or various special brochures.

Hella is the competent system partner of the trailer industry for lighting, cabling and electronics on trailers.

■ Reliability

Hella products keep what you promise your customers, because they are subject to extremely tough tests. Tortuous ground, thundery showers and continuous rain are simulated, so that the products will be able to stand up to harsh everyday road conditions.

■ Quality

Top quality is a must for professional equipment. Hella supplies this quality for original equipment parts and for accessories. Hella is certified to DIN EN ISO 9001, a visible sign of quality.

■ Safety

As an innovative leader Hella develops products for active safety.

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This brochure contains the most important lamps and components for your replacement parts business, all clearly structured. The colour coding and the quick finder at the side will help you to find the lamps you are looking for quickly and easily.

Bulb summary

			
12 V / 4 W (T4W) 8GP 002 067-121	12 V / 10 W (R10W) 8GA 002 071-131	12 V / 5 W (R5W) 8GA 002 071-121	12 V / 21 W (P21W) 8GA 002 073-121
			
12 V / 21/5 W (P21/5W) 8GD 002 078-121	12 V / 5 W (C5W) 8GM 002 092-121	12 V / 5 W (W5W) 8GP 003 594-121	12 V / 21 W (PY21W) 8GA 006 841-121

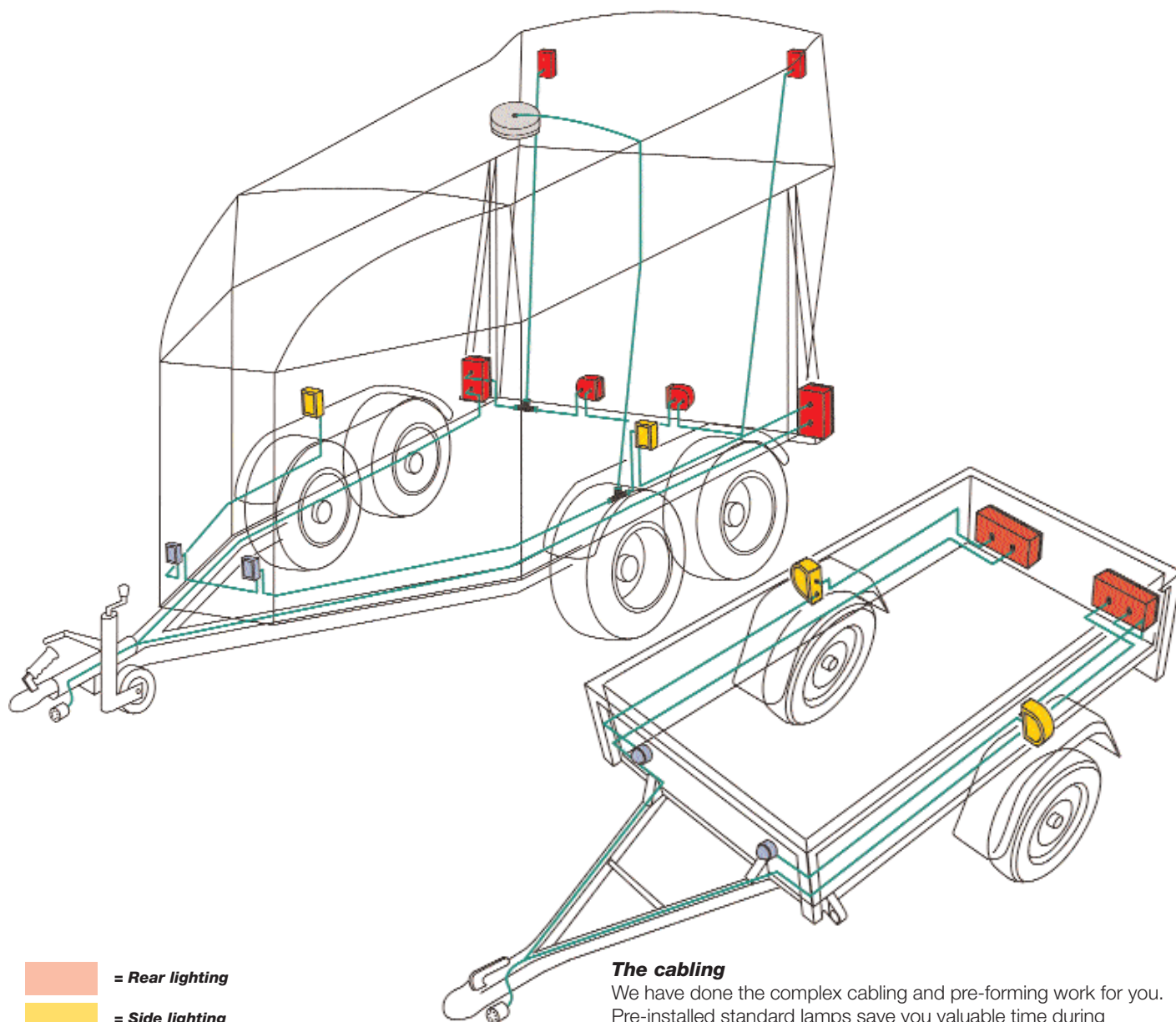
The cabling system: customer-oriented, innovative and intelligent

Your advantages:

- Simple, quick and reasonably-priced installation.
- A standardised system instead of many unclear individual solutions.
- Supplies of replacement parts are guaranteed throughout the world through the Hella Group
- Quick replacement of components is possible in cases of repair.
- Maintenance-friendly.

Thought through from front to rear

The flexible system can be adapted to all trailers. We offer you simple cabling solutions for the complete technical lighting fittings.

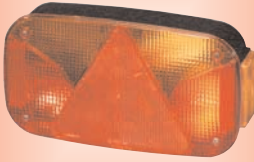
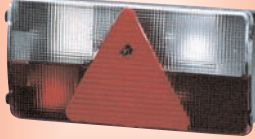
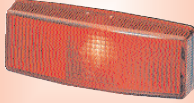
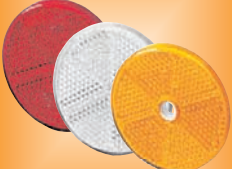


- = Rear lighting
- = Side lighting
- = Front lighting
- = Interior lighting
- = Cable systems

The cabling

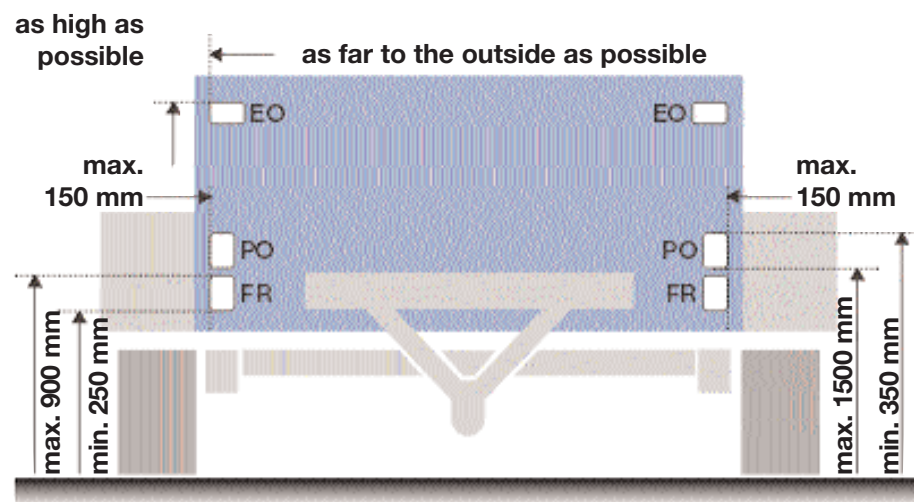
We have done the complex cabling and pre-forming work for you. Pre-installed standard lamps save you valuable time during installation. Variable cabling possibilities cover almost all possible applications.

Illustrations of lighting and cabling systems

				
2.. 998 232-...	2.. 998 233-...	2.. 007 547-...	2.. 998 530-...	2VB 341 032-...
				
2.. 003 184-...	2SE 002 578-701	2 2KA 007 929-... 1 2KA 998 523-...	2.. 006 717-...	2.. 006 609-...
				
2XS 955 031-001	2XS 950 071-031	2XS 955 232-001	2XS 005 020-...	2TJ 996 112-091
				
2PS 996 112-...	2.. 006 717-...	2PS 008 643-031	2PF 007 205-001	2.. 006 717-...
				
2P. 996 112-...	2JA 998 513-001	2JA 001 330-001	8RA 002 020-...	8RA 002 014-...
				
8RA 002 023-...	8RA 003 326-...	8KA 998 230-...	8KA 998 231-...	8KA 998 231-...

Legal requirements according to ECE regulation 48

Front



Note:

The shining surface of the reflex reflector may be constructed together with the position lamp.

The front white and rear red clearance lamps may be integrated into one lamp providing the installation regulations and visual angle areas are adhered to.

PO = Position lamp

EO = Clearance lamp

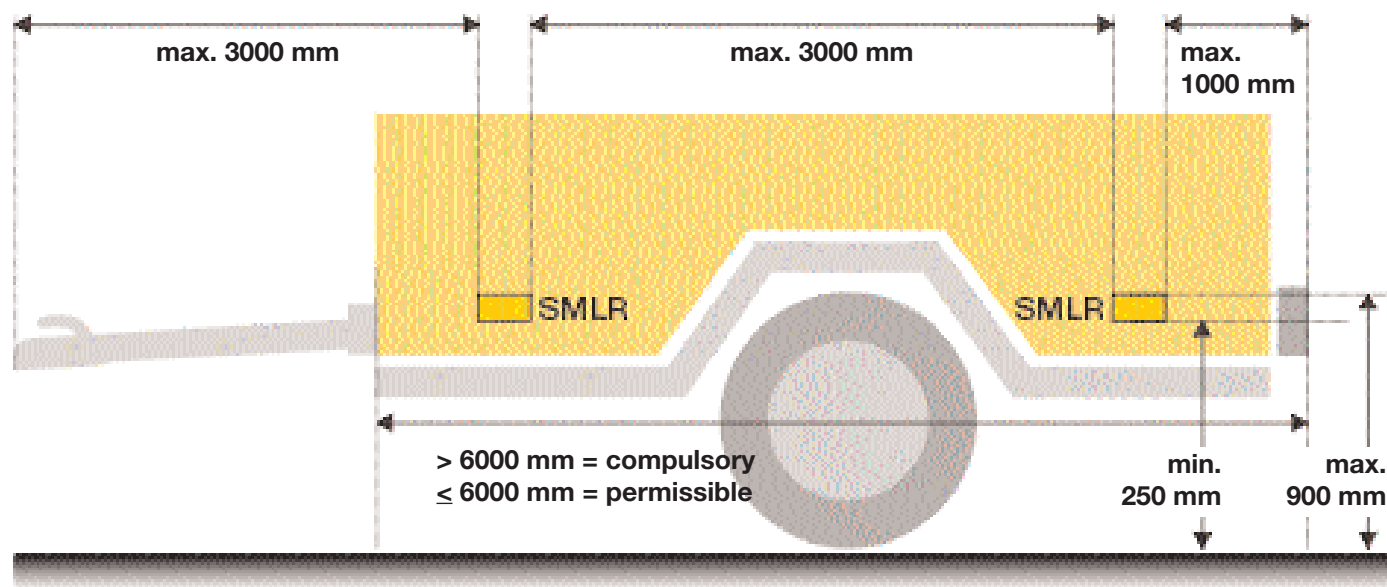
FR = Front reflex reflector

compulsory for > 1.6 m width; permissible for ≤ 1.6 m width

compulsory for > 2.1 m width; permissible for > 1.8 m and < 2.1 m

compulsory for all trailers

Side

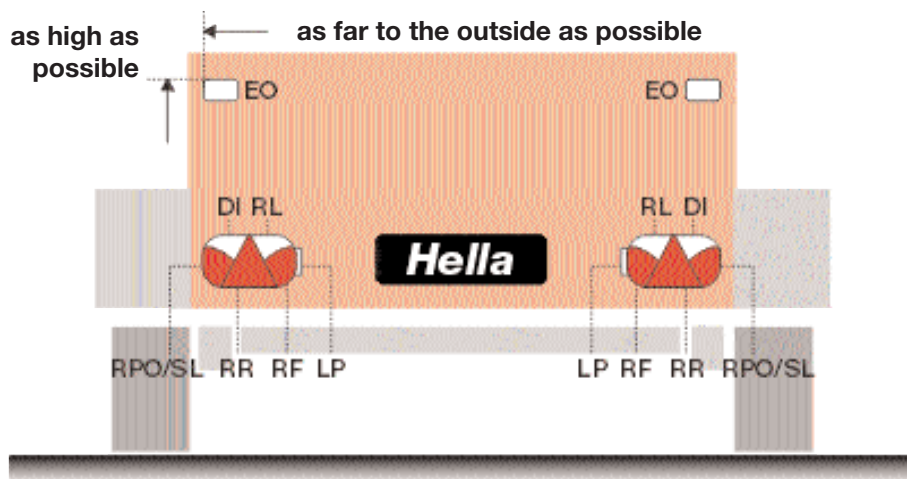


Note:

- at least two lamps per vehicle
- at least one lamp in the centre third

SMLR = Side marker reflex reflector lamp

Rear



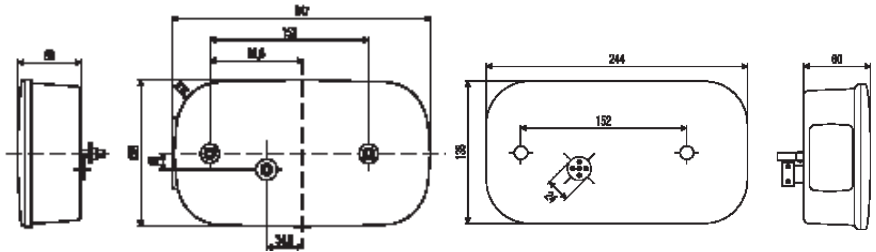
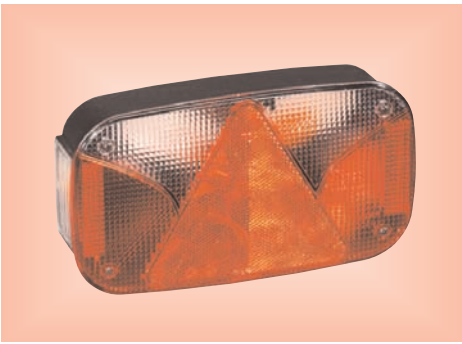
	No of lamps min. / max.	Colour	Regulation
DI = Rear direction indicator	2	yellow	compulsory
RF = Rear fog lamp	1* / 2	red	compulsory
RR = Rear reflector, triangular	2	red	compulsory
RL = Reversing lamp	1 / 2	white	permissible
RPO = Tail lamp	2	red	compulsory
SL = Stop lamp	2	red	compulsory
LP = Numberplate lamp	1 or more	white	compulsory
EO = Clearance lamp	2	red	compulsory for veh. > 2.1 m width; permissible for veh. > 1.8 m width and < 2.1 m width

* left of centre = right-side traffic
right of centre = left-side traffic

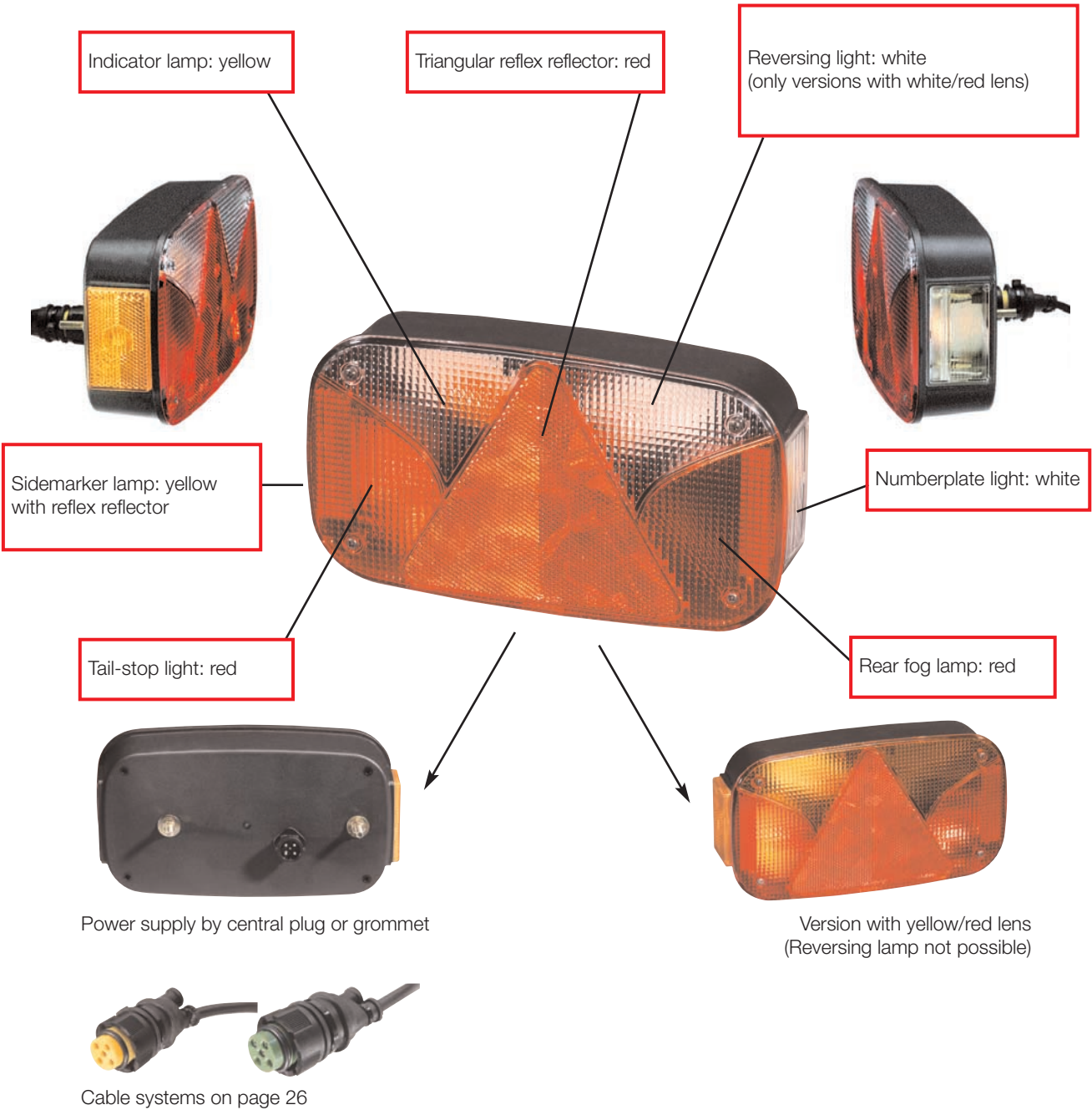
Note:

- The rearmost side marker reflex reflector lamp (SMLR) may also be red in combination with the combination rear lamp.
- The front white and rear red clearance lamps may be integrated into one lamp providing the installation regulations and visual angle areas are adhered to.

	Installation height		max. distance in mm from the outer edge of the vehicle
	min. mm	max. mm	
DI	350	1500	400
RF	250	1000	min. 100 mm away from the SL
RR	250	900	400
RL	250	1200	-
RPO	350	1500	400
SL	350	1500	-



Tail-stop-indicator lamp

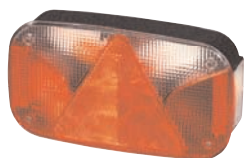


A wide range of variants is available covering the functions actually required.

Tail-stop-indicator lamp

with integrated triangular reflex reflector,
optional numberplate light,
rear fog light,
reversing light and side marker light.

5-pole plug or grommet with flat plug
connection,
2 M6 fastening screws.

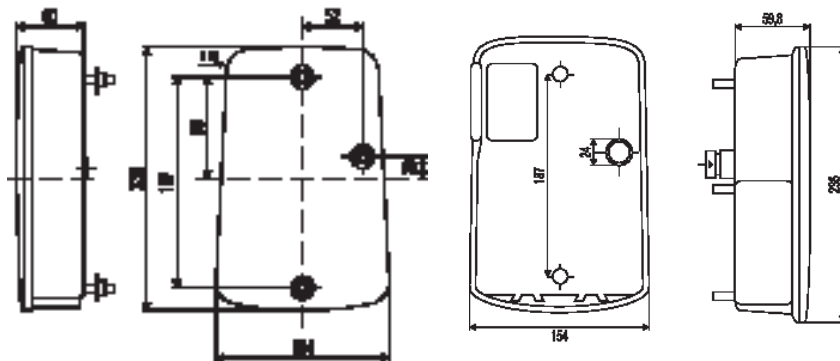


	Tail light	Stop light	Indicator lamp	Triangular reflex reflector	Numberplate light	Rear fog light	Side marker reflex reflector	Position light	Additional reversing light	Flush-fit	Surface-fit	left	right	yellow/red lens	white/red lens	with grommet	with central plug	with bulb
2VB 998 232-011	■	■	■	■	■	■					■	■		■			■	■
2VA 998 232-271	■	■	■	■		■					■	■		■			■	■
2VB 998 232-021	■	■	■	■	■						■		■	■			■	■
2VA 998 232-281	■	■	■	■							■		■	■			■	■
2VB 998 232-051	■	■	■	■	■	■	■				■	■		■			■	■
2VB 998 232-061	■	■	■	■	■		■				■		■	■			■	■
2VB 998 232-101	■	■	■	■	■						■		■		■		■	■
2VB 998 232-131	■	■	■	■	■	■					■	■			■		■	■
2VB 998 232-171	■	■	■	■	■	■	■				■	■			■		■	■
2VB 998 232-201	■	■	■	■	■		■				■		■		■		■	■
2VB 998 232-211	■	■	■	■	■	■					■	■		■		■		
2VB 998 232-221	■	■	■	■	■						■		■	■		■		
2VB 998 232-231	■	■	■	■	■	■					■	■			■	■		
2VB 998 232-241	■	■	■	■	■						■		■		■	■		
2VA 998 232-251	■	■	■	■		■				■		■			■	■		■
2VA 998 232-291	■	■	■	■		■	■				■	■			■	■		■
2VP 998 232-261	■	■	■	■					■	■			■		■	■		■
2VP 998 232-301	■	■	■	■			■		■		■		■		■	■		■
Replacement parts																		
9EL 990 632-001	Lens yellow, can be used on both sides																	
9EL 990 632-011	Lens yellow, can be used on both sides																	
Bulbs																		
8GD 002 078-121	1 x 12 V / 21/5 W (P21/5W)																	
8GA 002 073-121	3 x 12 V / 21 W (P21W)																	
8GM 002 092-121	2 x 12 V / 5 W (C5W)																	

In the case of the indicator lamp with a
white lens it is necessary to use a PY21W
(yellow) bulb.

8GA 006 841-121

Further versions on request.



Tail-stop-indicator lamp for vertical mounting

Quick mounting plate "SMP"

Quick mounting of lamp,
simple to replace



Screw on SMP, horizontally + vertically



Apply lamp to SMP



Click the lamp into place

Stop light: red

Triangular reflex reflector: red

Tail lamp: red

Position lamp: white

Sidemarkers lamp: yellow
with reflex reflector

Rear fog lamp: red

Reversing lamp: white
(only versions with
white/red lens)

Indicator lamp: yellow

Power supply by
central plug or grommet

Version with yellow/red lens
(reversing lamp not possible)



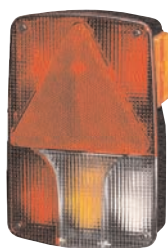
Cable systems on page 26

A wide range of variants is available covering the functions actually required.

Tail-stop-indicator lamp

with integrated triangular reflex reflector,
optional rear fog light, reversing light,
side marker light and position light.

5-pole plug or grommet with flat plug
connection,
quick mounting plate (SMP) included
incl. M6 fastening screws.

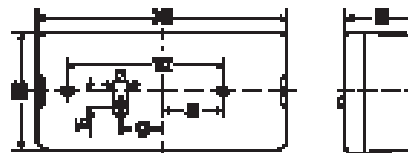
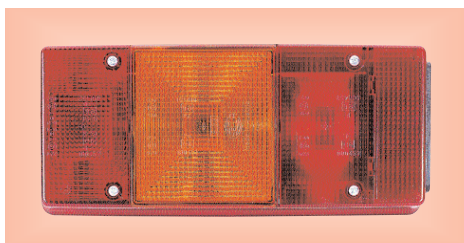


	Tail light	Stop light	Indicator lamp	Triangular reflex reflector	Numberplate light	Rear fog light	Side marker reflex reflector	Position light	Additional reversing light	Flush-fit	Surface-fit	left	right	yellow/red lens	white/red lens	with grommet	with central plug	with bulb
2VA 998 233-011	■	■	■	■		■					■	■		■			■	■
2VA 998 233-021	■	■	■	■							■		■	■			■	■
2VA 998 233-051	■	■	■	■		■	■	■			■	■		■			■	■
2VA 998 233-061	■	■	■	■			■	■			■		■	■			■	■
2VA 998 233-091	■	■	■	■		■					■	■			■		■	■
2VA 998 233-101	■	■	■	■							■		■		■		■	■
2VP 998 233-161	■	■	■	■			■	■	■		■		■		■		■	■
2VA 998 233-171	■	■	■	■		■	■	■			■	■			■		■	■
2VA 998 233-201	■	■	■	■			■	■			■		■		■		■	■
2VA 998 233-211	■	■	■	■		■					■	■		■		■		
2VA 998 233-221	■	■	■	■							■		■	■		■		
2VA 998 233-231	■	■	■	■		■					■	■			■	■		
2VA 998 233-241	■	■	■	■							■		■		■	■		
2VA 998 233-251	■	■	■	■		■				■		■			■	■		■
2VA 998 233-271	■	■	■	■		■	■				■	■			■	■		■
2VP 998 233-261	■	■	■	■					■	■			■		■	■		■
2VP 998 233-281	■	■	■	■			■		■		■		■		■	■		■
Replacement parts																		
9EL 990 633-011	Lens yellow, left																	
9EL 990 633-021	Lens yellow, right																	
9EL 990 633-031	Lens white, left																	
9EL 990 633-041	Lens white, right																	
Bulbs																		
8GM 002 092-121	1 x 12 V / 5 W (C5W)																	
8GA 002 073-121	3 x 12 V / 21 W (P21W)																	

In the case of the indicator lamp with a
white lens it is necessary to use a PY21W
(yellow) bulb.

8GA 006 841-121

Further versions on request.



Tail-stop-indicator lamp for horizontal or vertical mounting

Part number

Numberplate lighting,
replaceable by red lens;
alternatively reflex reflector, rear fog lamp,
reversing lamp.

Grommet, flat plug connection,
2 M6 fastening screws.

with rear fog light

left, without reflex reflector

2SE 007 547-011

left, with reflex reflector

2VB 007 547-171

right, with reflex reflector

2SE 007 547-021

without rear fog light

right, without reflex reflector

2SE 007 547-041

with reversing light

right, without reflex reflector,

2SL 007 547-061

without rear fog lamp

2VD 007 547-181

right, with reflex reflector

Replacement parts

Lens for -011, -021, -041

9EL 147 096-001

for -171

9EL 147 096-031

for -181

9EL 147 096-021

Spare lens for -061

9EL 147 097-001

Bulbs

1 x 12 V / 10 W (R10W)

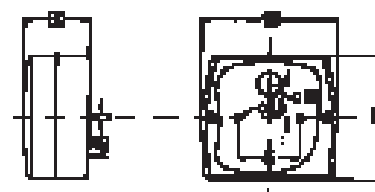
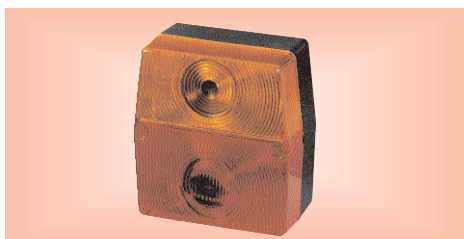
8GA 002 071-131

1 x 12 V / 21/5 W (P21/5W)

8GD 002 078-121

2 x 12 V / 21 W (P21W)

8GA 002 073-121



Tail-stop-indicator-numberplate lamp for horizontal or vertical surface mounting

Part number

PC lens red for tail light and stop light,
for indicator lamp yellow;
2 holes for M5 fastening screws,
flat plug connection, grommet,
fastening screws, includes both a clear and
a red cover lens for numberplate lamp.

2SE 998 530-061

Replacement parts

Lens with screws

9EL 998 002-031

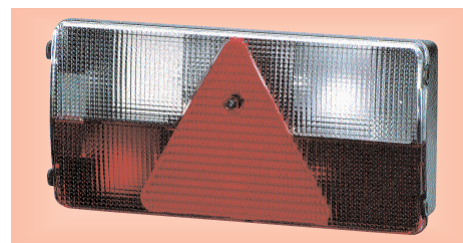
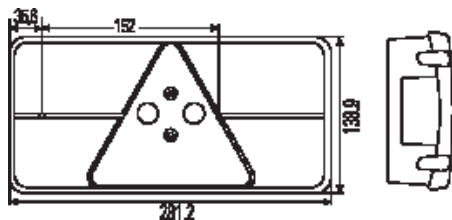
Bulbs

1 x 12 V / 21 W (P21W)

8GA 002 073-121

1 x 12 V / 21/5 W (P21/5W)

8GD 002 078-121



Tail-stop-indicator-numberplate lamp for horizontal or vertical mounting

Part number

Triangular reflex reflector,
flat plug connection,
grommet and fastening material.

with rear fog lamp

left
right

2VB 341 032-111
2VB 341 032-141

without rear fog lamp

left
right

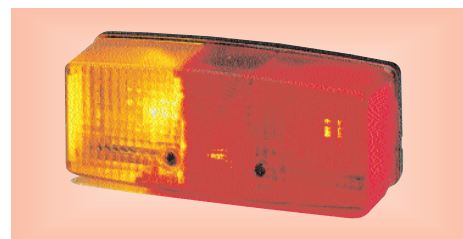
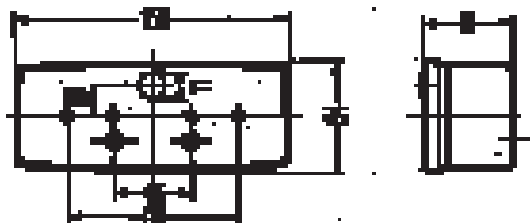
2VB 341 032-131
2VB 341 032-121

Bulbs

1 x 12 V / 21/5 W (P21/5W)
1 x 12 V / 21 W (P21W)
1 x 12 V / 21 W (PY21W)
1 x 12 V / 5 W (C5W)

8GD 002 078-121
8GA 002 073-121
8GA 006 841-121
8GM 002 092-121

This lamp is optionally available with 5-pole central connector.



Tail-stop-indicator lamp for horizontal mounting

Part number

2 fastening bolts B3, 9 x 16

without numberplate lighting

left
right

2SD 003 184-031
2SD 003 184-041

with numberplate lighting

left
right

2SE 003 184-011
2SE 003 184-101

Replacement parts

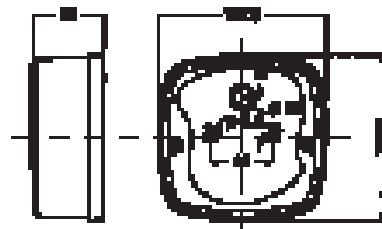
Lens with screws:
left (without numberplate lighting)
right (without numberplate lighting)
left (without numberplate lighting)
right (without numberplate lighting)

9EL 118 700-001
9EL 118 701-001
9EL 118 697-001
9EL 121 431-001

Bulbs

1 x 12 V / 10 W (R10W)
2 x 12 V / 21 W (P21W)

8GA 002 071-131
8GA 002 073-121


Tail-stop-indicator-numberplate lamp for horizontal or vertical mounting
Part number

Transparent lens (Numberplate III.) enclosed.

2SE 002 578-701

Replacement parts

Housing with screws

9EL 146 491-001

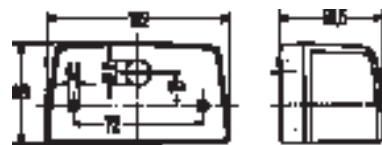
Bulbs

1 x 12 V / 10 W (R10W 2 x 12)

8GA 002 071-131

2 x 12 V / 21 W (P21W)

8GA 002 073-121


Numberplate lamp for mounting above numberplate: 340 x 240 mm (1 lamp) and 520 x 120 mm (1 or 2 lamps) or on left and right of above numberplates (one lamp on each side)
Part number

2 holes (Ø 5.4 mm)
for M5 fastening screws,
distance between holes 72 mm.
2 pole plug or grommet.

with grommet

2KA 998 523-131

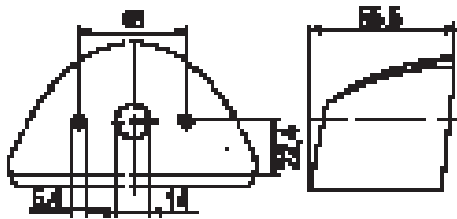
with central plug

2KA 998 523-141

Bulbs

1 x 12 V / 10 W (R10W)

8GA 002 071-131



Numberplate lamp for mounting above numberplate: 340 x 240 mm (1 lamp) and 520 x 120 mm (2 lamps) or on left and right of above numberplates (one lamp on each side)

Grommet; 2 holes (Ø 5.4 mm)
for M5 fastening screws.

Part number

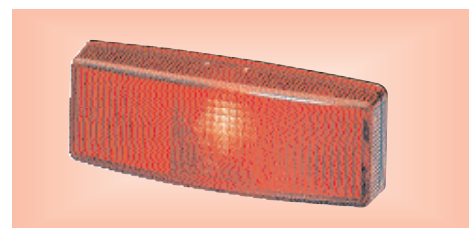
2KA 007 929-001

Bulbs

1 x 12 V / 5 W (C5W)

Part number

8GM 002 092-121



Tail Lamp for horizontal or vertical mounting

Part number

Lens red
2 holes (Ø 5 mm)
for M5 fastening screws,
without reflex reflector
with reflex reflector

2SA 006 717-001

2TM 006 717-047

Replacement parts

Lens, without reflex reflector

Part number

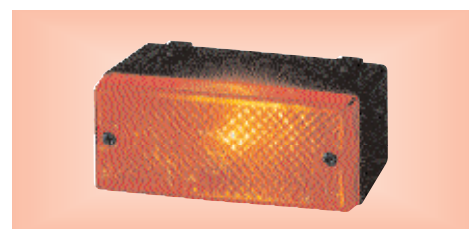
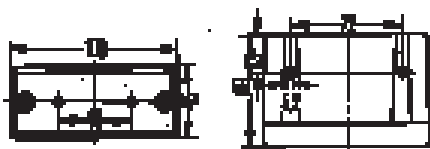
9EL 141 135-001

Bulbs

1 x 12 V / 5 W (R5W)

Part number

8GP 003 594-121



Rear fog/Reversing lamp for horizontal or vertical mounting

Part number

2 holes (Ø 5 mm),
for M5 fastening screws.

Rear fog lamp

Lens red
Spare lens

2NE 006 609-001

9EL 141 612-001

Reversing lamp

Transparent lamp

Part number

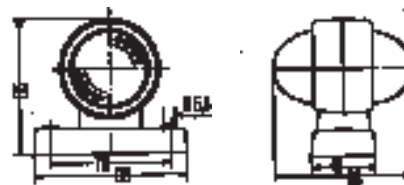
2ZR 006 609-081

Bulbs

1 x 12 V / 21 W (P21W)

Part number

8GA 002 073-121


Clearance lamp for vertical side mounting
Part number

1 red and 1 white lens enclosed.

2XS 955 031-001

2 holes (Ø 5.3 mm) for fastening screws.

Replacement parts

Lens red

9EL 950 315-061

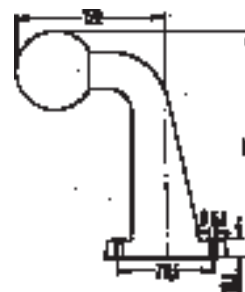
Lens milky white

9EL 950 315-031

Bulbs

1 x 12 V / 5 W (R5W)

8GA 002 071-121


Clearance lamp for horizontal mounting
Part number

1 red and 1 white lens enclosed.

2XS 950 071-031

2 holes (Ø 5.3 mm) for fastening screws.

Replacement parts

Lens red

9EL 950 315-061

Lens milky white

9EL 950 315-031

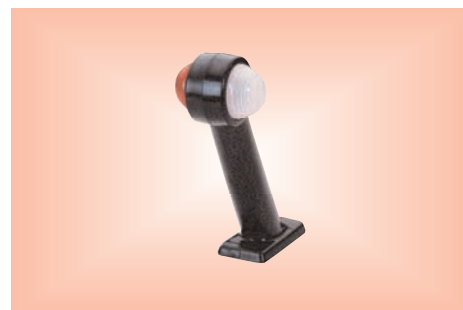
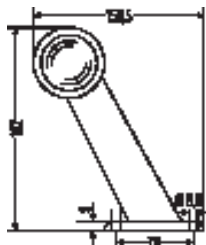
Cable with plastic socket

8KA 950 073-001

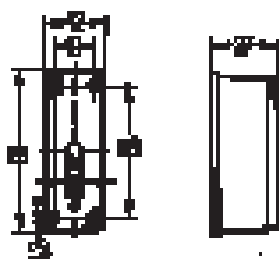
Bulbs

1 x 12 V / 5 W (R5W)

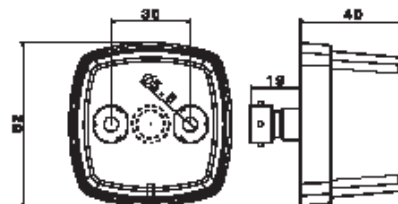
8GA 002 071-121



Clearance lamp for horizontal mounting	Part number
1 red and 1 white lens enclosed.	
2 holes (Ø 5.3 mm) for fastening screws.	2XS 955 232-001
Replacement parts	
Lens red	9EL 950 315-061
Lens milky white	9EL 950 315-031
Cable with plastic socket	8KA 950 073-001
Bulbs	
1 x 12 V / 5 W (R5W)	8GA 002 071-121



Clearance lamp for vertical side/back mounting	Part number
Housing with screws front transparent, back red. 2 fastening screws 3.5 x 16.	
with rubber holder	2XS 005 020-011
without rubber holder	2XS 005 020-001
Replacement parts	
Housing with screws	9EL 132 215-001
Bulbs	
1 x 12 V / 4 W (T4W)	8GP 002 067-121



Tail/position lamp for side mounting

Part number

White/red lens
with catch.
2 holes for M5 screws,

with grommet
with 2 pole plug

2TJ 996 112-101

2TJ 996 112-091

Replacement parts

Lens

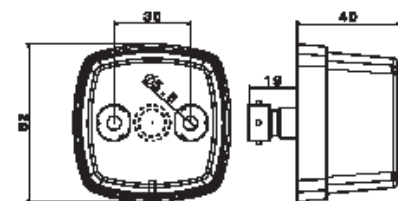
9EL 990 612-041

Bulbs

1 x 12 V / 5 W (C5W)

8GM 002 092-121

With rubber holder on request.



Side marker lamp for side mounting

Part number

Yellow lens with catch.
2 holes for M5 screws,

with grommet

without reflex reflector
with reflex reflector

2PS 996 112-051

2PS 996 112-061

with plug

without reflex reflector
with reflex reflector

2PS 996 112-071

2PS 996 112-081

Replacement parts

Lens:

without reflex reflector
with reflex reflector

9EL 990 612-021

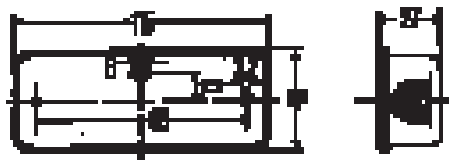
9EL 990 612-031

Bulbs

1 x 12 V / 5 W (C5W)

8GM 002 092-121

With rubber holder on request.



Side marker lamp

With reflex reflector.

2 holes (Ø 5mm) for fastening screws
with self-adhesive foil.

Replacement parts

Lens

Bulbs

1 x 12 V / 5 W (W5W)

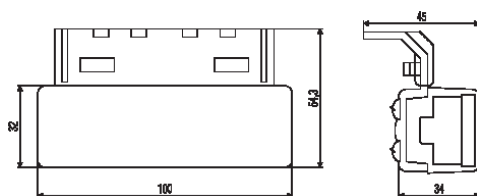
Part number

2PS 006 717-031

2PS 006 717-051

9EL 141 135-031

8GP003 594-121



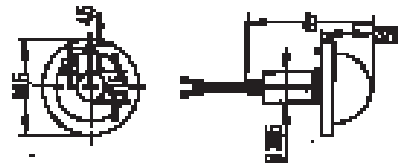
LED side marker reflex reflector lamp for horizontal surface mounting

2 LEDs, power consumption < 1W.
Connection to a 2-wire flat cable using
incision-clamping technique,
protected against polarity inversion through
bridge circuit.
Approved for vehicles acc. to GGVS/ADR,

with universal angled bracket.

Part number

2PS 008 643-331



Position lamp for front mounting

Part number

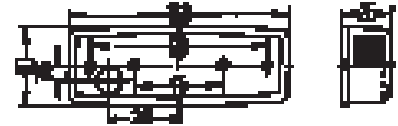
Lens transparent

2PF 007 205-001

Bulbs

1 x 12 V / 5 W (R5W)

8GP 003 594-121



Position lamp for horizontal for vertical mounting

Part number

Lens transparent.
2 holes (Ø 5 mm) for mounting screws

without reflex reflector

2PF 006 717-011

with reflex reflector

2PG 006 717-021

Replacement parts

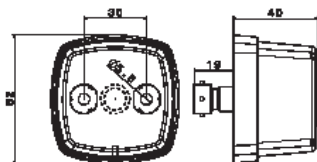
Lens
Lens with reflex reflector

9EL 141 135-011
9EL 141 135-021

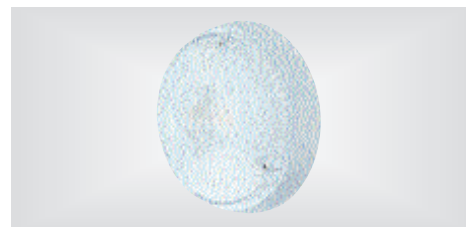
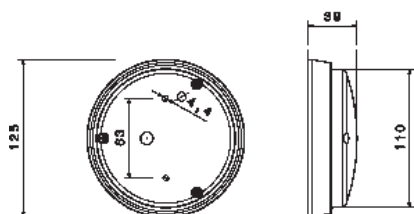
Bulbs

1 x 12 V / 5 W (W5W)

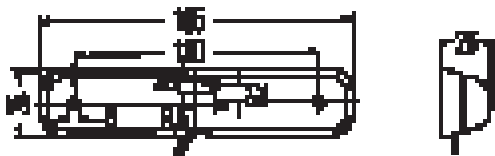
8GP 003 594-121



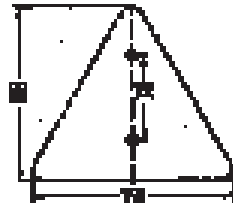
Position lamp for front mounting	Part number
Lens transparent with catch. 2 holes for M5 screws,	
with grommet	
without reflex reflector	2PF 996 112-001
with reflex reflector	2PG 996 112-011
with central plug	
without reflex reflector	2PF 996 112-031
with reflex reflector	2PG 996 112-041
Replacement parts	
Lens:	
without reflex reflector	9EL 990 612-001
with reflex reflector	9EL 990 612-011
Bulbs	
1 x 12 V / 5 W (C5W)	8GM 002 092-121
Optionally available with rubber holder.	



Interior lamp	Part number
Lens milky white, Integral switch, with fastening screws.	
	2JA 998 513-002



Interior lamp	Part number
Lens white, Integral switch, 2 holes (Ø 5 mm) for fastening screws.	
Bulbs	
2 x 12 V / 5 W (C5W)	2JA 001 330-001
	8GM 002 092-121

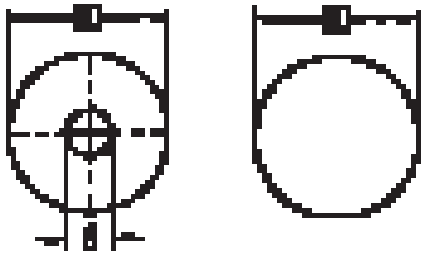


Reflex reflector

red, triangular,
plastic base plate,
2 holes (Ø 6 mm) for fastening screws.

Part number

8RA 002 020-001



Reflex reflector

round (Ø 60 mm),
plastic base plate.

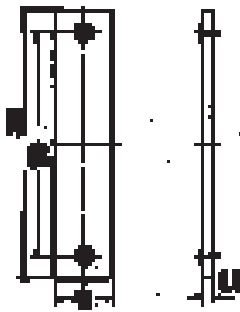
1 hole (Ø 6 mm)
for central fastening screw.
Version: red
 yellow
 white

Part number

8RA 002 014-031
8RA 002 014-051
8RA 002 014-041

Self-adhesive, without hole.
Version: red
 yellow
 white

8RA 002 014-081
8RA 002 014-101
8RA 002 014-091



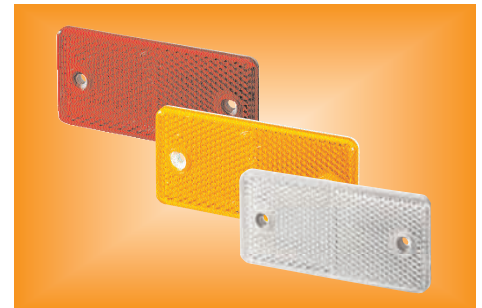
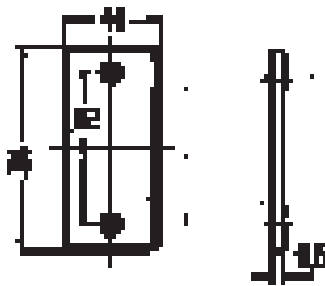
Reflex reflector

rectangular (180 x 40 mm),
plastic base plate,
2 holes (Ø 6 mm) for fastening screws.

Version: red
yellow
white

Part number

8RA 002 023-001
8RA 002 023-011
8RA 002 023-021



Reflex reflector

rectangular (94 x 44 mm),
plastic base plate.

2 holes (Ø 4.3 mm) for fastening screws.

Version: red
yellow
white

Self-adhesive, without hole.

Version: red
yellow
white

Part number

8RA 003 326-001
8RA 003 326-011
8RA 003 326-021

8RA 003 326-031
8RA 003 326-041
8RA 003 326-051

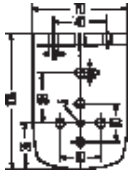


Suspended bracket for reflex reflector

Part number

PVC covered steel belt,
width 51 mm,
2 M6x20 fastening screws,
screw distance 25 to 36 mm,
3 holes (Ø 6.5 mm) hole distance 50 resp.
70 mm for fastening reflex reflector.
Version: 200 mm length
250 mm length
300 mm length
400 mm length

8HG 002 240-001
8HG 002 240-011
8HG 002 240-021
8HG 002 240-031



Rubber bracket

Part number

Suitable for position lamps 2.. 996 112- ...
and for reflex reflector 8RA 002 014-...
PVC covered steel belt,
width 51 mm,
2 M6x20 fastening screws,
screw distance 25 to 36 mm,
3 holes (Ø 6.5 mm), hole distance 50 resp.
70 mm for fastening reflex reflector.

8HG 003 799-001



Universal trailer connection device

Allows the use of 12 V trailers on towing vehicles with 24 V operating voltage without having to use a separate load compensation device.

Possible types of installation:

- on the towing vehicle (12 V socket)
- on the trailer
- or between the two vehicles

Possible areas of use:

- bicycle transport trailer
- ski-transport trailer
- luggage trailer
- mobile sales stand

Additional installation of trailer control lamps is not necessary since this function is carried out by the C2 control of the existing flasher units.

Part number

5DS 008 125-011

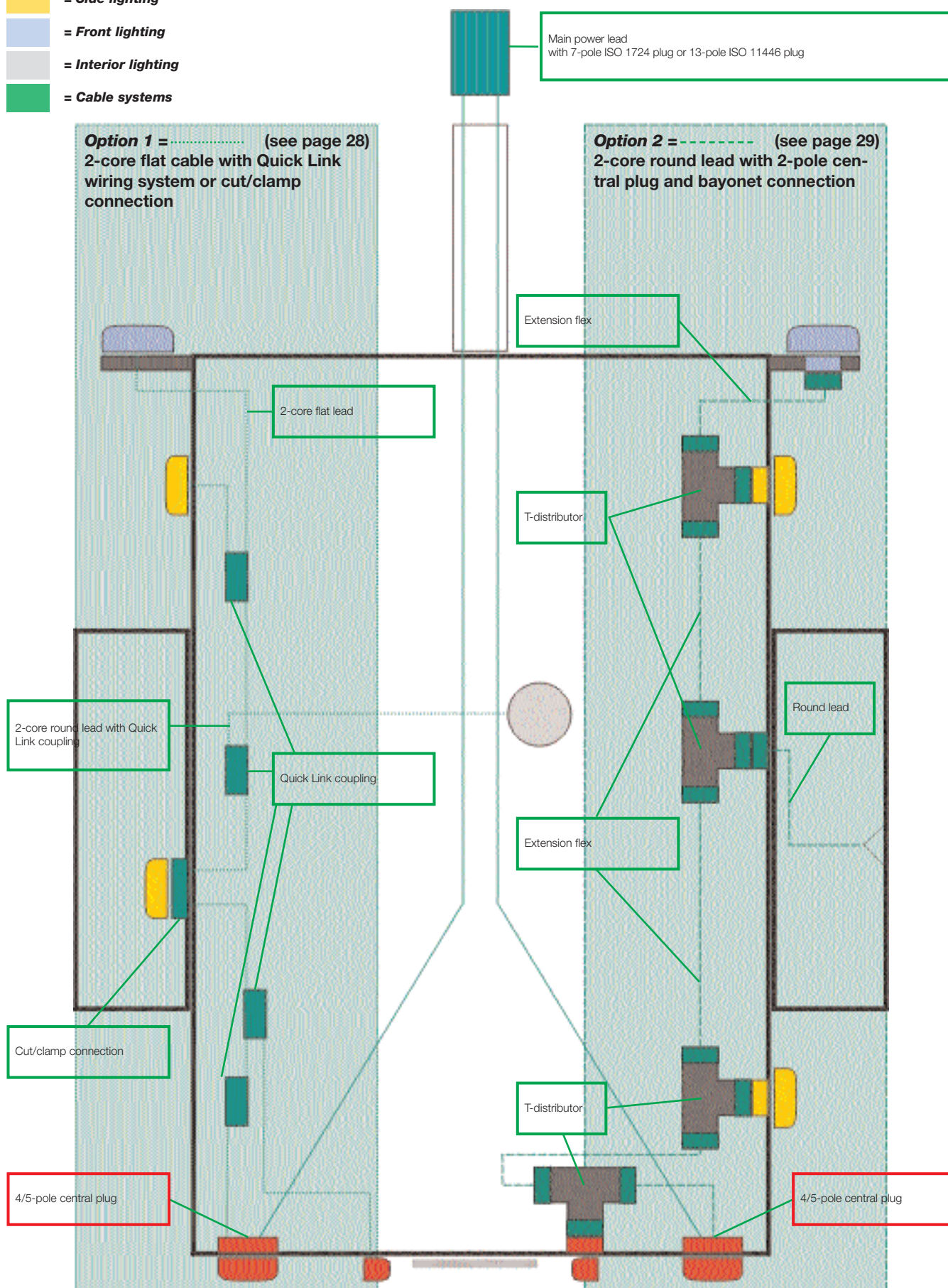


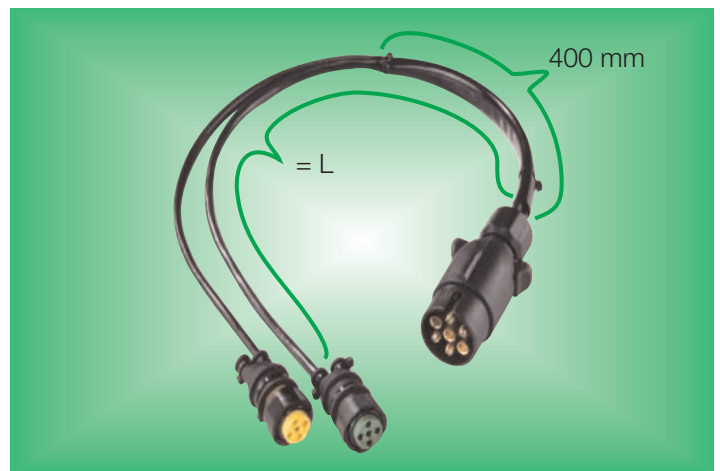
12 V Trailer wiring possibilities

- = Rear lighting
- = Side lighting
- = Front lighting
- = Interior lighting
- = Cable systems

Option 1 = (see page 28)
2-core flat cable with Quick Link wiring system or cut/clamp connection

Option 2 = - - - - - (see page 29)
2-core round lead with 2-pole central plug and bayonet connection





Standard main supply cable

- 7 or 13-pole ISO connector for connection to the tractor
- 2 x 4- or 5-core cable for different lengths = L
- 400 mm long protective cable conduit
- 5-pole central connector with bayonet catch and double bush
- green = right, yellow = left

7-pole connector ISO 1724

- L = 4,000 mm
- L = 5,000 mm
- L = 7,000 mm

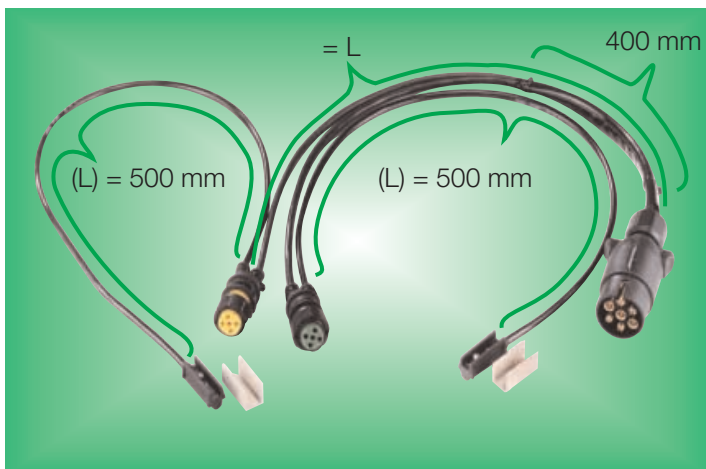
13-pole connector ISO 11446

- L = 4,000 mm
- L = 5,000 mm
- L = 7,000 mm

Part number

8KA 998 230-001
8KA 998 230-011
8KA 998 230-021

8KA 998 230-031
8KA 998 230-041
8KA 998 230-051


Option 1 =

Part number
Main supply cable

as standard but with additional exits from double bush:

- 2 x 2-core cable, length = (L) 500 mm
- Quick Link coupling incl. of clamp for feed into a 2-core flat cable

7-pole connector ISO 1724

Version: L = 6,000 mm length
L = 8,000 mm length
L = 10,000 mm length

8KA 998 231-071
8KA 998 231-081
8KA 998 231-091

13-pole connector ISO 11446

Version: L = 7,000 mm length
L = 8,000 mm length
L = 11,000 mm length

8KA 998 231-101
8KA 998 231-111
8KA 998 231-121

2-core flat cable

for supply of various lamps (side marker, clearance, number plate, interior and marker lamps)
– ends protected with shrink-on cap.

Flat cable

Version: L = 5,000 mm length
L = 7,000 mm length
L = 9,000 mm length



8KL 998 228-001
8KL 998 228-011
8KL 998 228-021

Flat cable yardware

100 m (on drum)

8KL 340 050-001

Shrink-on cap

to seal a 2-core flat cable (only required for yardware), content 20 pieces.

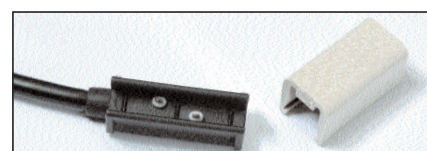
9GS 340 051-001

Other variants on request.
2-core round cable

with Quick Link coupling incl. clamp for contacting a 2-core flat cable. Free end for supply of various lamps.

Round cable

Version: L = 250 mm length
L = 500 mm length
L = 1,000 mm length
L = 1,500 mm length
L = 2,000 mm length
L = 3,500 mm length
L = 5,000 mm length

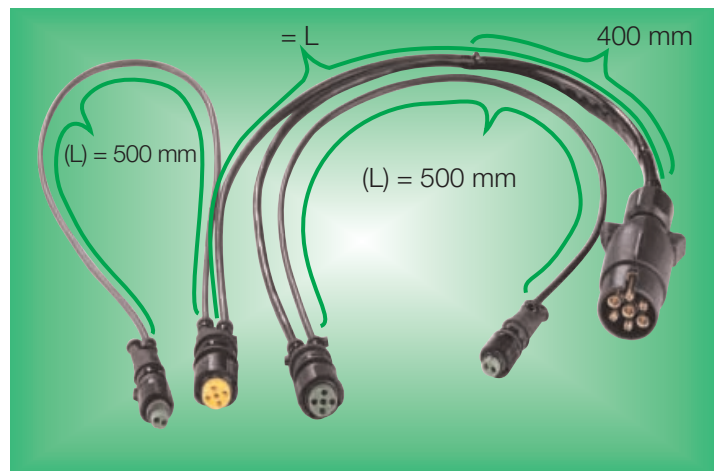


8KA 998 229-001
8KA 998 229-011
8KA 998 229-021
8KA 998 229-031
8KA 998 229-041
8KA 998 229-051
8KA 998 229-061

Accessories:

Circlip pliers for Quick Link cable bindings

8PE 008 932-001

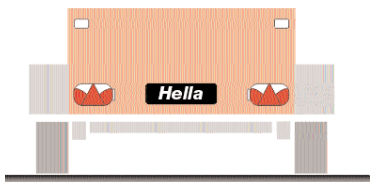


Option 2 = — — — — —	Part number
Main supply cable as standard but with additional exits from double bush: – 2 x 2-core cable, length = (L) 500 mm – 2-pole central connector with bayonet catch for direct feed into various lamps or into the T-joint (see distribution system) 7-pole connector ISO 1724 Version: L = 4,000 mm length L = 5,000 mm length L = 7,000 mm length 13-pole connector ISO 11446 Version: L = 5,000 mm length L = 7,000 mm length L = 8,000 mm length	8KA 998 231-001 8KA 998 231-011 8KA 998 231-021 8KA 998 231-031 8KA 998 231-041 8KA 998 231-051
Distribution system consisting of – 2-pole T-joint – 2-core extension cord, both sides with 2-pole connector fitting T-joint or various lamps with 2-pole connector (2.. 998 523-..., 2.. 996 112-...) – optional 2-core round cable with 2-pole central connector fitting T-joint, free end for supply of various lamps.	8KV 998 225-101
T-joint with one input (contact pins) and two outputs (contact tubes). Content 10 pieces.	
Extension cord Version: L = 500 mm length L = 1,000 mm length L = 2,000 mm length	8KA 998 226-001 8KA 998 226-011 8KA 998 226-021
Round cable Version: L = 500 mm length L = 1,000 mm length L = 2,000 mm length L = 4,000 mm length	8KA 998 229-071 8KA 998 229-081 8KA 998 229-101 8KA 998 229-121

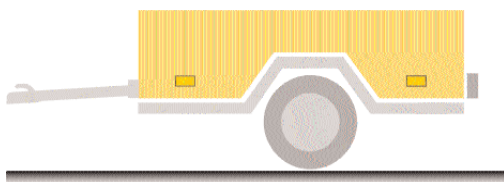
Working document for trailer equipment (can be copied)

Master

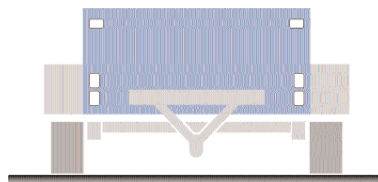
Rear lighting



Side lighting



Front lighting



Cable systems

Interior lighting

Reflex reflectors and accessories

Trailer data

Customer address

List of type approval numbers

Find the lamps/spare parts you are looking for easily as follows:

- Look for the type approval number on the lens of your existing lamp.
- The corresponding Hella article number is in the column next to the type approval number.
Use this to order the part you want.
- The corresponding page in this catalogue is in the last column.

	Type approval number	Article number	Page
E1	.86	2PS 006 717-031/-051	10
E1	.130, 22831, 53253	2SE 003 184-011/-101	13
E1	.130, 53253	2SD 003 184-031/-041	13
E1	.597	2KA 007 929-001	15
E1	.1429	2PS 008 643-331	19
E1	e1 .21353	8RA 002 014-031/-041/-051	22
E1	.21395	8RA 003 326-001/-011/-021	23
E1	.31407	2XS 005 020-001/-011	17
E1	.43370	2SE 002 578-701	14
E2	.92031	8RA 003 326-031/-051	23
E2	e2 .92031	8RA 003 326-041	23
E4	.311	2PS 996 112-061/-081	18
E4	.453	2PF 007 205-001	20
E4	.4044, 6484, 7504	2SE 998 530-061	12
E9	.5447	2.. 998 232-...	9
E4	.10162	2.. 998 233-...	11
E6	.1375, 0450, 0451, 0453, 0452	2.. 007 547-011/-021/-041/-061/-171/-181	12
E6	.0450, 0451, 3018, 7545	2V. 007 547-171/-181	12
E12	.4031	2KA 998 523-131/-141	14
E12	.3020, 7103	2PG 996 112-011/-041	21
E12	.7049	2P. 996 112-001/-031/-051/-071	18, 21
E12	.7106	2TJ 996 112-091/-101	18
E13	.3535	8RA 002 014-081/-091/-101	22
E13	.9401	2XS 950 071-031, 2XS 955 031-001, 2XS 955 232-001	16, 17
E17	.346	8RA 002 020-001	22
E17	.378	2PS 006 717-031/-051	19
E17	.378, 787	2TM 006 717-047	15
E17	.378, 789	2PG 006 717-021	20
E17	.379	8RA 002 023-001/-011/-021	23
E17	.418, 9905	2VB 341 032-111/-121/-131/-141	13
E17	.803	2PF 006 717-011	20
E17	.804	2SA 006 717-001	15
E17	.2309	2ZR 006 609-081	15
E17	.3806	2NE 006 609-001	15
E17	.9401	2SE 002 578-701	14
	.TH6 SAE A84 DOT	8RA 003 326-031/-041/-051	23
	.TP8-TRS002 (GGVS)	2XS 005 020-001/-011	17
	.DOT SAE A91	8RA 002 023-001/-011/-021	23

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