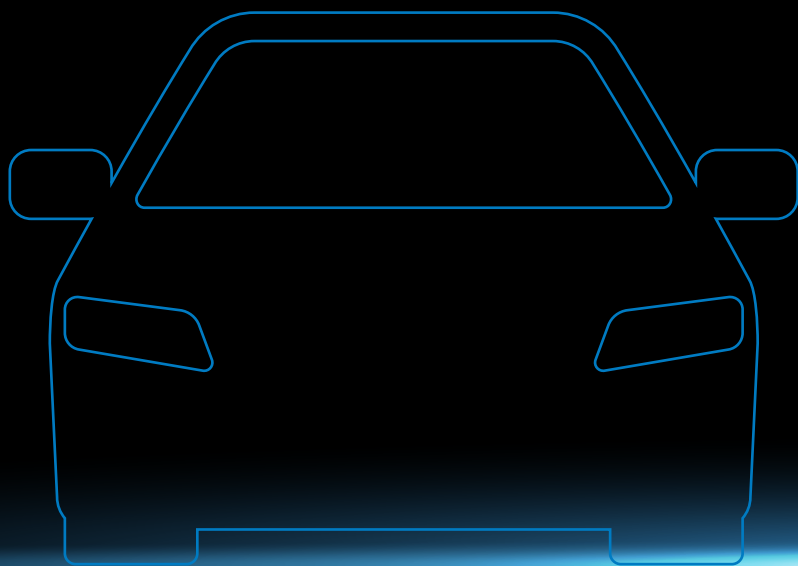




BULBS
CARS



A connection that pays off!

Content



Introduction

HELLA the lighting expert	04
HELLA-tested quality	06
Light explained	08

HELLA range

Standard	16
Performance +60 %/+120 %	18
Long Life	20
White Light	22
Xenon / Xenon White Light	24
Vehicle application overview	26
Product table	28



LED Retrofit/LED Retrofit Miniature

Indoors	40
Product portfolio	42
Product table	44

Accessories

Spare parts boxes	46
HELLA auxiliary lamps	48
Business simplified	50
Customer care	52
Overview of part numbers	54
Symbols	58

HELLA – the lighting expert

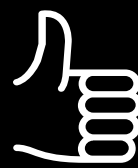
Our experience
for your success



120 years
of innovation



First-class
lighting design



Uncompromising
quality



Certified
light sources



Master of
measurements

HELLA-tested quality

Lippstadt light channel



Geometric measurement

The filament geometry is tested in a measuring projector – in relation to the legal standards according to IEC 60810. The size of the filament and its positioning in the bulb must comply with the provisions of the standard. This is the only way to achieve optimum performance of the lamps and prevent dazzling oncoming traffic.



Vibration and shock test

In this test, the vibration resistance of the bulb and especially of the filament is tested on an electrodynamic vibration test rig.



Lifetime test

In extensive tests, the high reliability of HELLA bulbs is proven over a long period of time.

Europe's longest light tunnel is based at HELLA in Lippstadt, Germany. With a length of 140 metres, the light channel is a unique place to carry out extensive and complex light tests.



Paint adhesion test

In a climate chamber, the adhesion of the lacquer coating of colour lacquered glass bulbs – such as the PY21W – is tested at different temperatures and humidity levels.

The optimal adhesion of the glass bulb coating ensures the required amber direction indicator light over the entire service life.



Luminous flux measurement

The luminous flux and luminous intensities of HELLA bulbs are determined in the integrating sphere and with the goniometer. This ensures the optimum luminous efficacy of the bulbs.

Compliance with world-leading standards



Light explained

The human eye

Discomfort & anxiety

We drive at night because we HAVE to.
But are we well equipped for it?



No glare



Simulated glare

Light & speed

Did you know? Speed leads to a reduction in the field of vision.



Field of vision: 100°



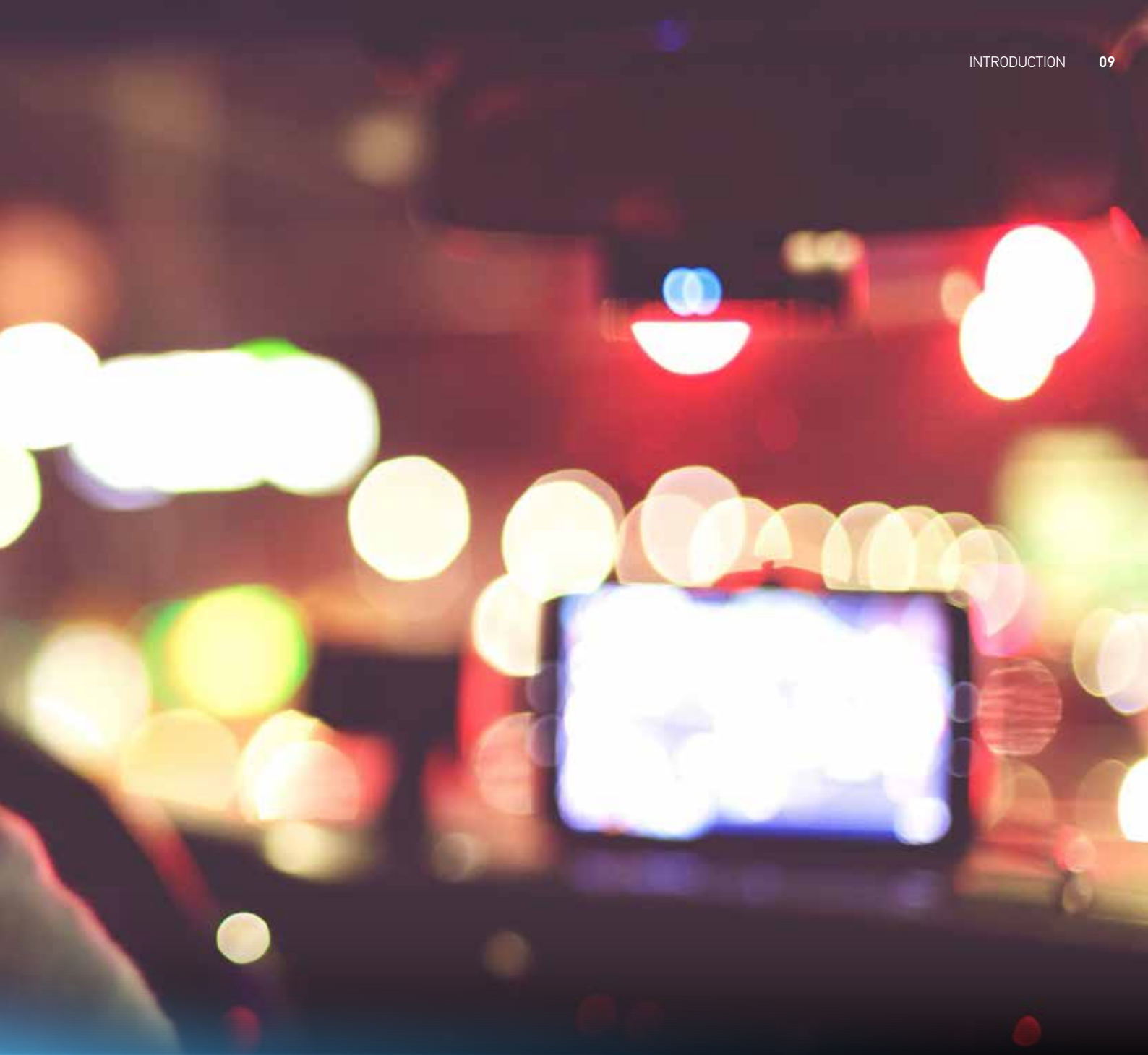
Field of vision: 75°



Field of vision: 45°

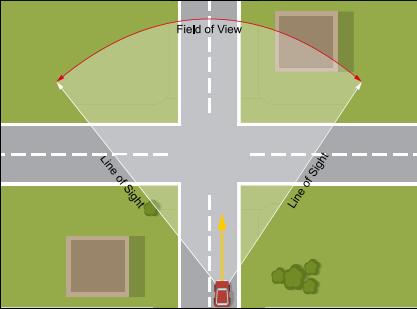


Field of vision: 30°

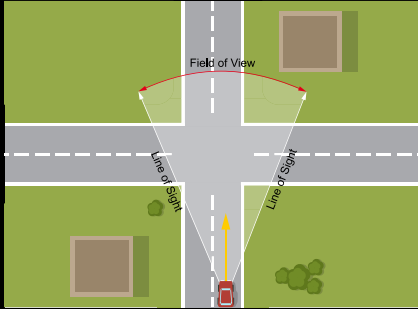


Light & age

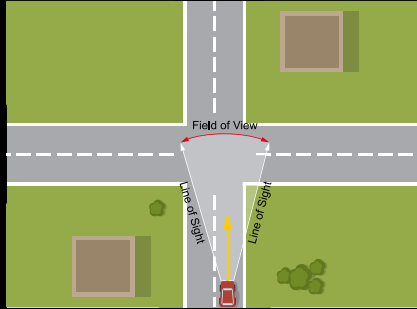
The field of vision decreases with age.



16 years



46 years



76 years

Light explained

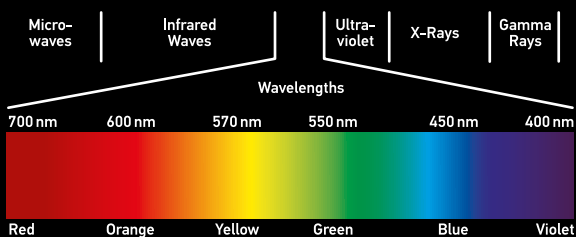
Light is...

not colourless!

The light colour of a light source is described using the colour temperature and is specified in Kelvin. As the colour temperature rises, the colour impression changes from red to white to light blue.

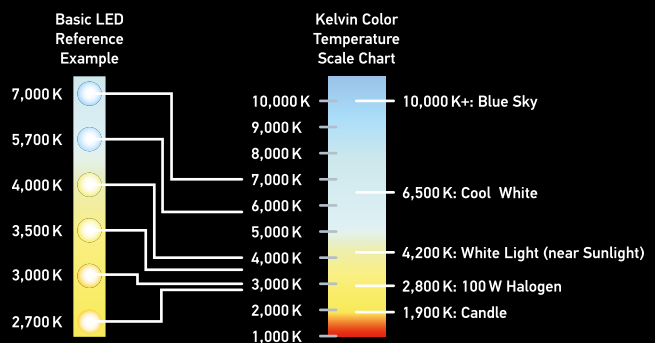
Wavelengths

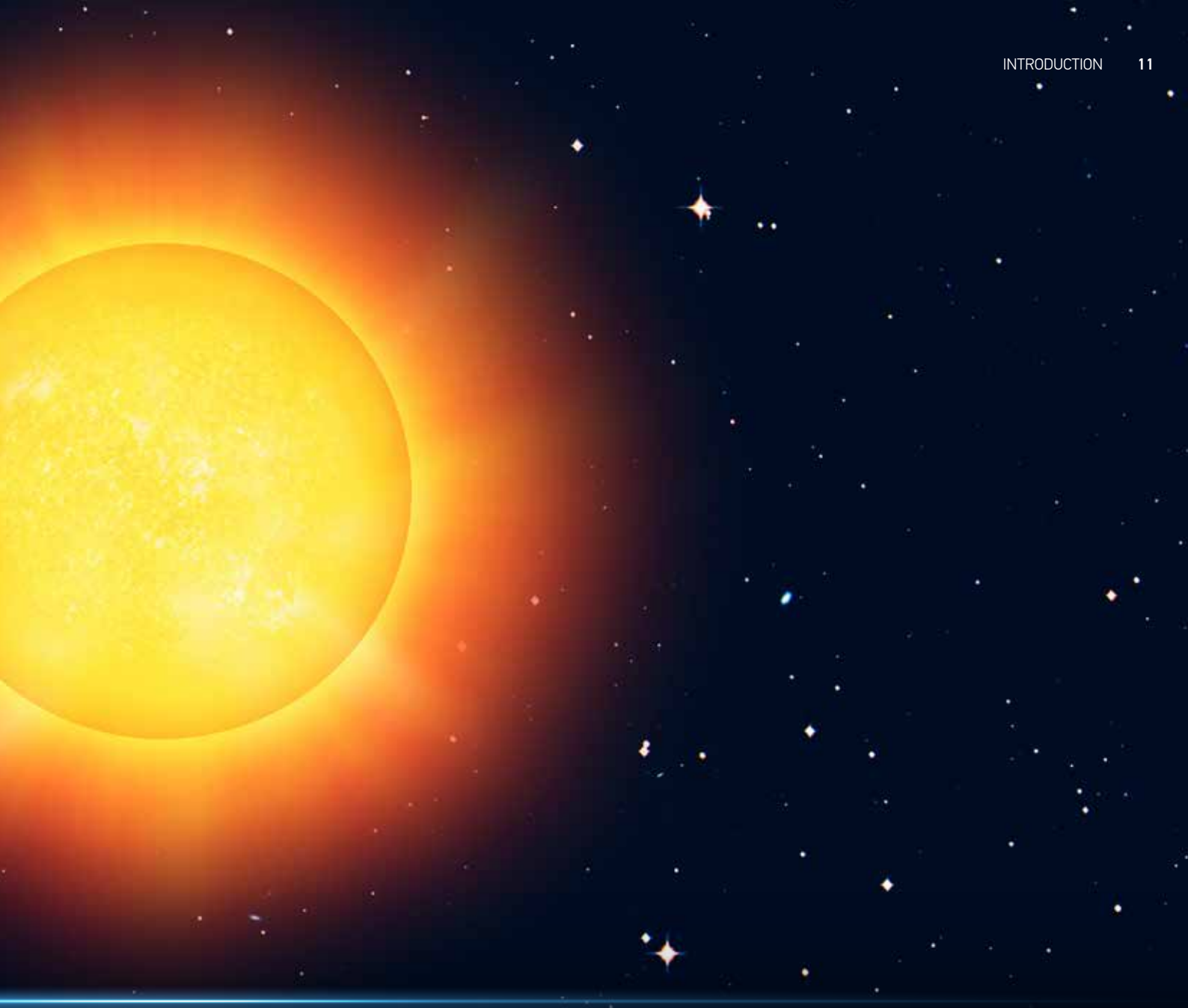
→ The visible range is between 400 and 700 nanometres



White is

- A colour temperature as close as possible to sunlight (4,800 K)
- White lamps from HELLA have 4,200 K





Uses

- Higher contrast of objects on the road
- Blue-white light colour (HID effect)
- More brightness compared to standard lamps
- Stylish look



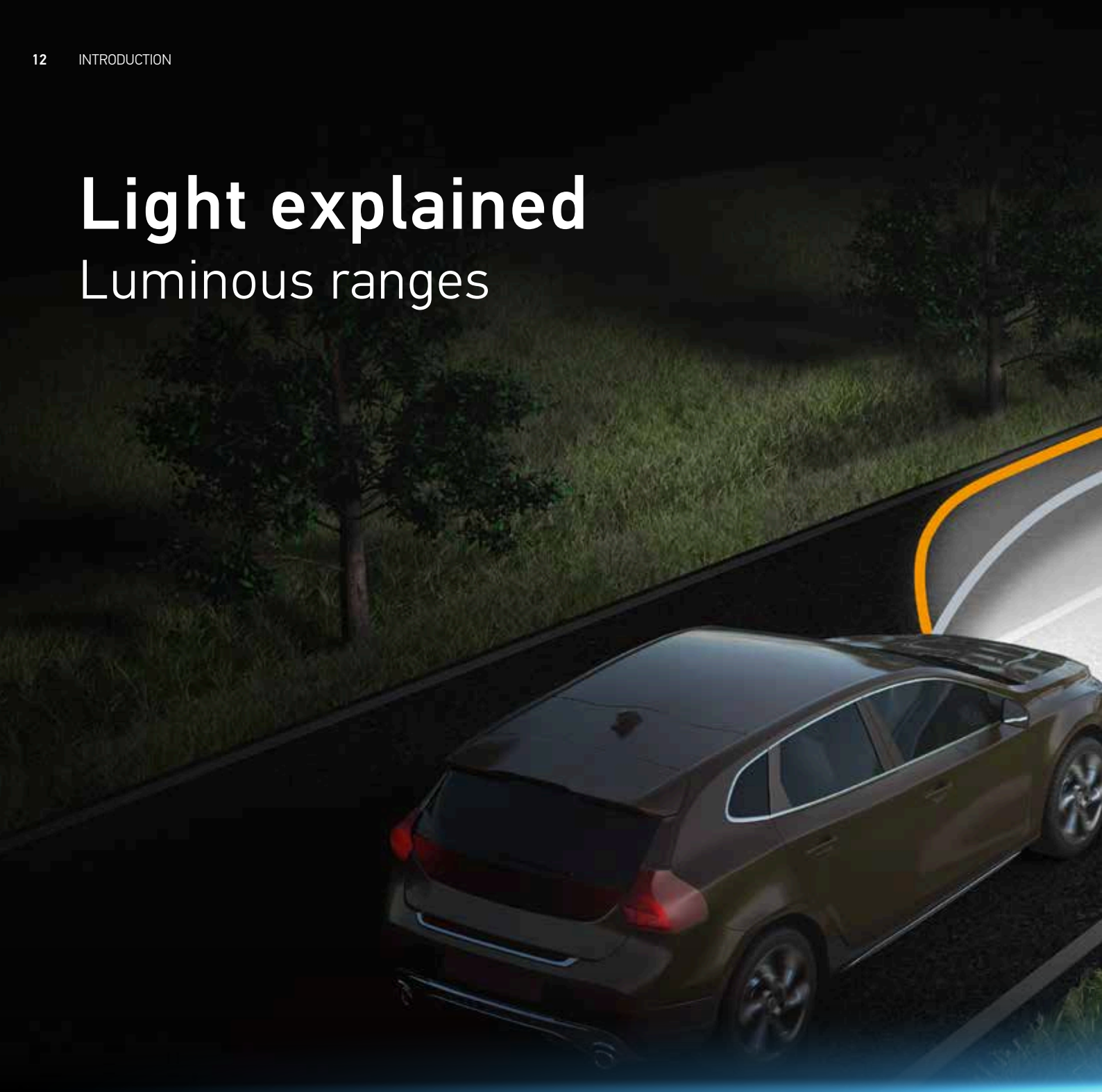
Standard lamps



White Light


Light explained

Luminous ranges



More light means

- More light on the road where it is needed
- Better and wider illumination of the road thanks to "more light"
- Extended range (broader/further)
- Suitable light distribution: Sufficient illumination to the front and sides without dazzling other road users
- More light often means a shorter lifetime

 UP TO **60**%*

 UP TO **120**%*

* Compared to standard halogen lamps



A long lifetime is

- A bulb's lifetime cannot be expressed in kilometres or years. Instead, it is defined by operating hours.
- Two measurements are used for bulbs: B3 and Tc.
- B3 is the minimum number of hours for 97 % of bulbs. After this time, the number of failed bulbs increases.
- Tc indicates the time at which 63 % of the lamps have failed.
- On average, a standard H7 lamp with 12 V has a B3 of 300 h and a Tc of 500 h according to IEC requirements. Long-life bulbs offer up to 3 times the value → the number of replacement intervals is reduced.

UP TO **3x** LONGER LIFETIME

Light explained

Light technologies



Halogen

- The classic in-vehicle lighting: a glass capsule filled with halogen gas with a tungsten wire which, when heated with electricity, emits light
- Strong price-performance ratio
- Easy replacement of the bulb

Xenon

- Better light output with up to twice as much light*
- Gas discharge lamps produce light by passing current through ionised xenon gas at high pressure
- Brighter light colour: "more light" provides brighter and wider illumination of the road*
- More complex maintenance required

* Compared to standard halogen lamps



LED

- Powerful light output and good road illumination: quick perception of surroundings and obstacles
- High energy efficiency: Contributes to the conservation of battery resources related to electromobility
- Long lifetime
- Offers attractive styling options with distinctive vehicle and light design



Laura & Thomas

"We are primarily concerned with safety, and if the price-performance ratio is then right, all the better."

Affordable safety

A product you can
trust.

STANDARD

- A popular classic –
halogen bulbs from HELLA
- Perfect adaptation to the safety
needs of our customers
- HELLA-tested quality
- Ideal price-performance ratio

Available in

H1, H4, H7, H11 and H15, H18, H19, ...

HELLA has it all

HELLA – ORIGINAL
EQUIPMENT COMPETENCE
SINCE 1899





Antonio

"Driving is my passion. The more and the earlier I can see, the better. I am only satisfied with the best!"

Visible performance

More light wherever you need it.


PERFORMANCE +60% / +120%

- See further – more light for more visibility
- React faster – shorter reaction time
- More visibility and driving with more comfort
- Up to 60/120% brighter*
- Up to 25/50 metres* greater visibility

Available in

H1, H4, H7

HELLA – ORIGINAL
EQUIPMENT COMPETENCE
SINCE 1899

 UP TO **60%***

 UP TO **120%***



* Compared to standard halogen bulbs (luminous flux)



Said

"Driving is my job. From morning till night. Every day. Reliable and long-lasting bulbs are what I need."

Reliable companion

The right choice
every day.

LONG LIFE

- Durable and reliable
- Up to 3 x longer lifetime than required by ECE
- Longer lifetime – less maintenance

Available in

H1, H4, H7, H11, H16

HELLA – ORIGINAL
EQUIPMENT COMPETENCE
SINCE 1899

 UP TO **3x** LONGER
LIFETIME

* Compared to standard halogen bulbs (luminous flux)



Vanessa

"Style is important, especially for my car. I want it to look cool and for people to notice it. I also appreciate the added comfort."

Drive with style

Powerful and attractive
at the same time.

WHITE LIGHT

- Perfect combination of style and comfort
- Stylish, white xenon look
- Up to 30%* more light
- More safety due to higher contrast

Available in

H1, H4, H7, ...

HELLA – ORIGINAL
EQUIPMENT COMPETENCE
SINCE 1899

UP TO **4200_K**

UP TO **250_H**



* Compared to standard halogen bulbs (luminous flux)



Mara

"It is important to me to get to my destination safely and reliably, especially in the dark or in poor visibility."

With a good feeling

Safe on the road even
in the dark.

XENON / XENON WHITE LIGHT

- Brighter and wider light distribution*
- HELLA-tested quality
- More than twice as bright*
- Homogeneous light distribution

Available in

D1S, D1R, D2S, D2R, D3S, D4S, D4R, D5S

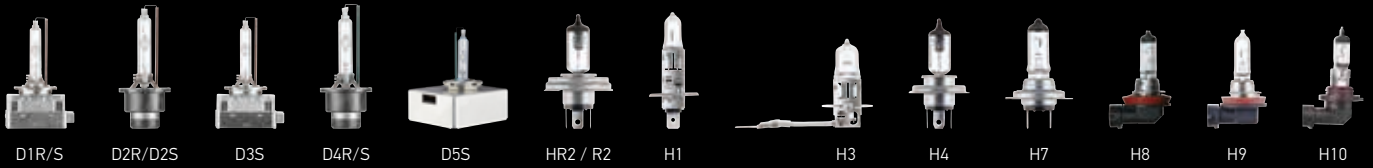
HELLA – ORIGINAL
EQUIPMENT COMPETENCE
SINCE 1899

 UP TO **5000_K**



* Compared to standard halogen bulbs (luminous flux)

Strong range



D1R/S

D2R/D2S

D3S

D4R/S

D5S

HR2 / R2

H1

H3

H4

H7

H8

H9

H10



W5W

C5W / C10W

C21W

H5W

R5W



W21/5W

H5W

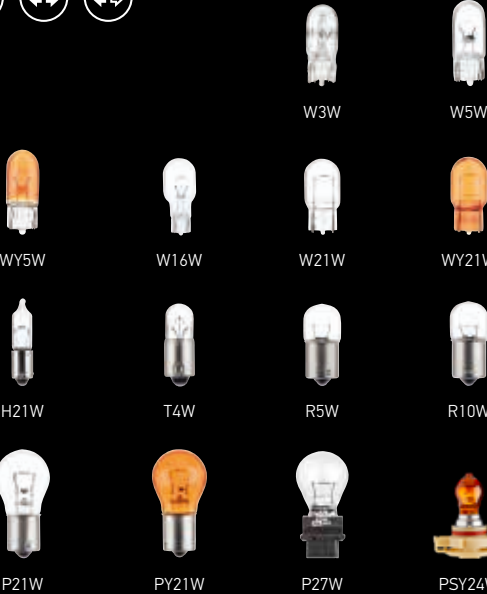
H6W

T4W

R5W

W3W

W5W



WY5W

W16W

W21W

WY21W

H21W

T4W

R5W

R10W

P21W

PY21W

P27W

PSY24W

W3W

W5W



W16W

W21W

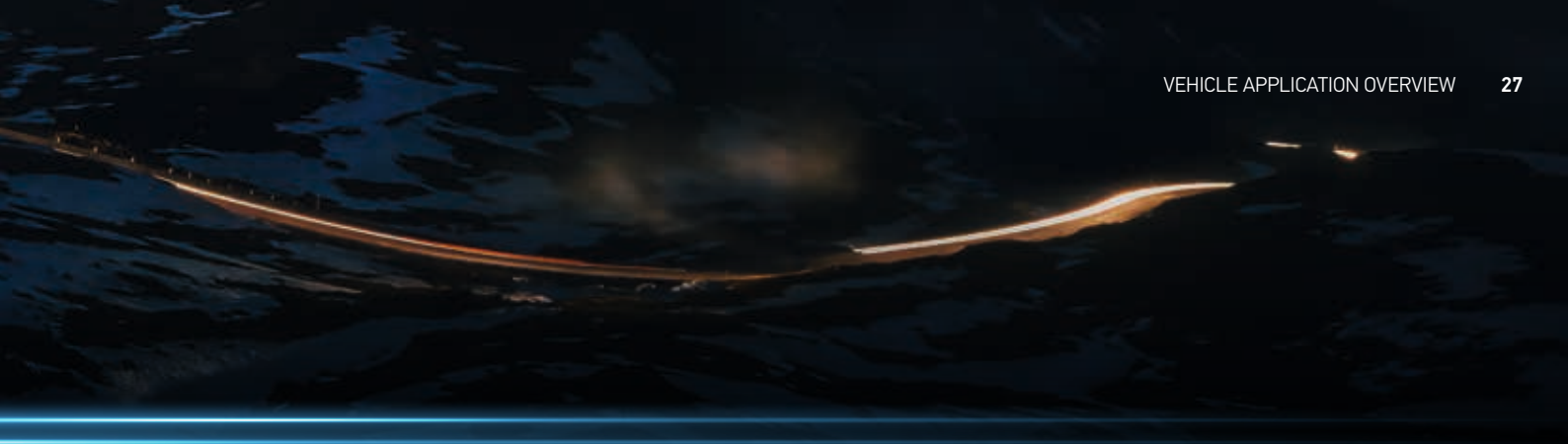
H21W

R10W

P21W

PR21/5W

PSX24W



STOP

W2,3W W3W

W5W W16W W21W R10W

24V

T4W R5W R10W

W3W W5W C5W C21W

STOP **TRUCK**

P21W P21/4W P21/5W PR21/5W

H21W W16W W21W W21/5W

R

W5W W21/5W H6W T4W R5W R10W P21/4W P21/5W PR21/5W

 12 V       									
D1S 									
	XENON	8GS 009 028-111	1	85*	35	PK32d-2	up to 4300 K	4082300496253	R99
	XENON WHITE LIGHT	8GS 009 028-621	1	85*	35	PK32d-2	up to 5000 K	4082300496277	R99
D1R 									
	XENON	8GS 007 949-501	1	85*	35	PK32d-3	up to 4300 K	4082300820942	R99
D2S 									
	XENON	8GS 007 949-261	1	85*	35	P32d-2	up to 4300 K	4082300496390	R99
	XENON WHITE LIGHT	8GS 007 949-251	1	85*	35	P32d-2	up to 5000 K	4082300496284	R99
D2R 									
	XENON	8GS 007 001-151	1	85*	35	P32d-3	up to 4300 K	4082300496413	R99
	XENON WHITE LIGHT	8GS 007 001-241	1	85*	35	P32d-3	up to 5000 K	4082300496420	R99
D3S 									
	XENON	8GS 009 028-311	1	42*	35	PK32d-5	up to 4300 K Free of Mercury	4082300496260	R99
	XENON WHITE LIGHT	8GS 007 949-541	1	42*	35	PK32d-5	up to 5000 K Free of Mercury	4082300820911	R99
D4S 									
	XENON	8GS 007 949-311	1	42*	35	P32d-5	up to 4300 K Free of Mercury	4082300496406	R99
	XENON WHITE LIGHT	8GS 007 949-551	1	42*	35	P32d-5	up to 5000 K Free of Mercury	4082300820904	R99
D4R 									
	XENON	8GS 007 949-521	1	42*	35	P32d-6	up to 4300 K Free of Mercury	4082300820935	R99

12V

D5S

	XENON	8GS 007 949-531	1	12*	25	P32d-7	up to 4300 K Free of Mercury	4082300820928	R99
--	--------------	-----------------	---	-----	----	--------	------------------------------	---------------	-----

H1

	STANDARD	8GH 002 089-131	1	12	55	P14.5s	Exact Fit	4082300022032	R37
	LONG LIFE	8GH 002 089-351	1	12	55	P14.5s	up to 3 x longer lifetime	4082300166590	R37
	PERFORMANCE +60 %	8GH 223 498-211	1	12	55	P14,5s	up to +60 % better visibility*, up to 400 h	4082300753981	R37
	PERFORMANCE +120 %	8GH 223 498-011	1	12	55	P14,5s	up to +120 % better visibility*, up to 250 h	4082300752199	R37
	WHITE LIGHT	8GH 223 498-111	1	12	55	P14,5s	up to 4000 K, up to 250 h	4082300752182	R37

H3

	STANDARD	8GH 002 090-131	1	12	55	PK22s	Exact Fit	4082300022018	R37
	STANDARD	8GH 002 090-271	1	12	35	PK22s	Exact Fit, Low Wattage Lamp	4082300098037	R37

H4

	STANDARD	8GJ 002 525-131	1	12	60/55	P43t	Exact Fit	4082300021813	R37
	LONG LIFE	8GJ 002 525-481	1	12	60/55	P43t	up to 3 x longer lifetime	4082300165142	R37
	PERFORMANCE +60 %	8GJ 223 498-221	1	12	60/55	P43t	up to +60 % better visibility*, up to 500 h	4082300753103	R37
	PERFORMANCE +120 %	8GJ 223 498-021	1	12	60/55	P43t	up to +120 % better visibility*, up to 250 h	4082300752168	R37
	WHITE LIGHT	8GJ 223 498-121	1	12	60/55	P43t	up to 4200 K, up to 250 h	4082300752175	R37

H7

	STANDARD	8GH 007 157-121	1	12	55	PX26d	Exact Fit	4082300070446	R37
	LONG LIFE	8GH 007 157-201	1	12	55	PX26d	up to 3 x longer lifetime	4082300165173	R37
	PERFORMANCE +60 %	8GH 223 498-231	1	12	55	PX26d	up to +60 % better visibility*, up to 300 h	4082300753967	R37
	PERFORMANCE +120 %	8GH 223 498-031	1	12	55	PX26d	up to +120 % better visibility*, up to 250 h	4082300752199	R37
	WHITE LIGHT	8GH 223 498-131	1	12	55	PX26d	up to 4200 K, up to 250 h	4082300752205	R37















H8

	STANDARD	8GH 008 356-121	1	12	35	PGJ19-1	Exact Fit	4082300165623	R37
	WHITE LIGHT	8GH 223 498-141	1	12	35	PGJ19-1	up to 3700 K, up to 600 h	4082300753080	R37

H8B

	STANDARD	8GH 008 356-011	1	12	35	PGJY19-1	Exact Fit	4082300634204	R37
--	-----------------	-----------------	---	----	----	----------	-----------	---------------	-----

* Compared to standard halogen bulbs (luminous flux)

12V		HELLA	V	W				EAN	ECE
H9 									
	STANDARD	8GH 008 357-001	1	12	65	PGJ19-5	Exact Fit	4082300149906	R37
	WHITE LIGHT	8GH 008 357-181	1	12	65	PGJ19-5	up to 3700 K, up to 400 h	4082300264623	R37
H9B 									
	STANDARD	8GH 008 357-011	1	12	65	PGJY19-5	Exact Fit	4082300634211	R37
H10 									
	STANDARD	8GH 009 063-121	1	12	42	PY20d	Exact Fit	4082300634198	R37
H11 									
	STANDARD	8GH 008 358-121	1	12	55	PGJ19-2	Exact Fit	4082300165630	R37
	LONG LIFE	8GH 223 498-351	1	12	55	PGJ19-2	up to 3 x longer lifetime	4082300754216	R37
	WHITE LIGHT	8GH 223 498-151	1	12	55	PGJ19-2	up to 3700 K, up to 600 h	4082300753097	R37
H11B 									
	STANDARD	8GH 008 358-141	1	12	55	PGJY19-2	Exact Fit	4082300634228	R37
H13 									
	STANDARD	8GJ 008 837-121	1	12	60/55	P26,4t	Exact Fit	4082300247664	R37
H15 									
	STANDARD	8GJ 168 119-001	1	12	55/15	PGJ 23t-1	Exact Fit	4082300285581	R37

12V

H16

	LONG LIFE	8GH 186 996-001	1	12	19	PGJ19-3	up to 2 x longer lifetime	4082300566123	R37
--	-----------	-----------------	---	----	----	---------	---------------------------	---------------	-----

H18

	STANDARD	8GH 217 337-101	1	12	65	PY26d-1	Exact Fit	4082300754568	R37
--	----------	-----------------	---	----	----	---------	-----------	---------------	-----

H19

	STANDARD	8GJ 235 698-101	1	12	60/55	PU43t-3	Exact Fit	4082300754551	R37
--	----------	-----------------	---	----	-------	---------	-----------	---------------	-----

HB1 (9004)

	STANDARD	8GJ 004 907-123	1	12	65/45	P29t	Exact Fit	4082300634440	-
--	----------	-----------------	---	----	-------	------	-----------	---------------	---

HB2 (9003)

	STANDARD	8GJ 007 255-123	1	12	60/55	P43t	Exact Fit	4082300634457	R37
--	----------	-----------------	---	----	-------	------	-----------	---------------	-----

HB3 (9005)

	STANDARD	8GH 005 635-121	1	12	60	P20d	Exact Fit	4082300015508	R37
	WHITE LIGHT	8GH 223 498-161	1	12	60	P20d	up to 3700 K, up to 400 h	4082300754322	R37

HB4 (9006)

	STANDARD	8GH 005 636-121	1	12	51	P22d	Exact Fit	4082300015515	R37
	WHITE LIGHT	8GH 223 498-171	1	12	51	P22d	up to 3700 K, up to 500 h	4082300754339	R37



12 V



V

W



EAN

ECE

HB4a (9006xs)



STANDARD

8GH 005 636-201 1 12 51 P22d Exact Fit

4082300247596 R37

HB5 (9007)



STANDARD

8GJ 178 555-343 1 12 65/55 PX29t Exact Fit

4082300634471 -

HIR2



STANDARD

8GH 009 319-001 1 12 55 PX22d Exact Fit

4082300634174 R37

H27W/1



STANDARD

8GH 008 991-021 1 12 27 PG13 Exact Fit

4082300287332 R37

H27W/2



STANDARD

8GH 008 991-031 1 12 27 PGJ13 Exact Fit

4082300287349 R37

R2/HR2



STANDARD

8GD 002 088-141 1 12 45/40 P45t Exact Fit, Halogen

4082300294705 R37

STANDARD

8GJ 004 173-121 1 12 60/55 P45t Exact Fit, Halogen

4082300065251 -

P13W



STANDARD

8GA 223 569-041 1 12 13 PG18,5d-1 Exact Fit

4082300801576 R37

12V

PS19W

	STANDARD	8GA 223 569-021	1	12	19	PG20/1	Exact Fit	4082300801552	R37
--	----------	-----------------	---	----	----	--------	-----------	---------------	-----

PS24W

	STANDARD	8GA 223 569-011	1	12	24	PG20/3	Exact Fit	4082300801545	R37
--	----------	-----------------	---	----	----	--------	-----------	---------------	-----

PSX24W

	STANDARD	8GA 223 569-001	1	12	24	PG20/7	Exact Fit	4082300801538	R37
--	----------	-----------------	---	----	----	--------	-----------	---------------	-----

PSY24W

	STANDARD	8GA 223 569-031	1	12	24	PG20/4	Exact Fit, amber	4082300801569	R37
--	----------	-----------------	---	----	----	--------	------------------	---------------	-----

P21W

	STANDARD	8GA 002 073-121	10	12	21	BA15s	Exact Fit	4082300191493	R37
	STANDARD	8GA 002 073-281	10	12	21	BA15d	Exact Fit	4082300609165	R37
	LONG LIFE	8GA 002 073-271	10	12	21	BA15s	up to 3 x longer lifetime	4082300191523	R37

PY21W

	STANDARD	8GA 006 841-121	10	12	21	BAU15s	Exact Fit, amber	4082300191547	R37
--	----------	-----------------	----	----	----	--------	------------------	---------------	-----


P21/4W

	STANDARD	8GD 004 772-121	10	12	21/4	BAZ15d	Exact Fit	4082300191912	R37
--	----------	-----------------	----	----	------	--------	-----------	---------------	-----

12 V


P21/5W

STANDARD	8GD 002 078-121	10	12	21/5	BAY15d	Exact Fit	4082300191882	R37
LONG LIFE	8GD 002 078-221	10	12	21/5	BAY15d	up to 2 x longer lifetime	4082300191899	R37




PR21/5W

STANDARD	8GD 002 078-401	10	12	21/5	BAW15d	Exact Fit	4082300782523	R37
-----------------	-----------------	----	----	------	--------	-----------	---------------	-----




P27W (3156)

STANDARD	8GA 007 731-232	10	12	27	W2.5x16d	Exact Fit	4082300651126	R37
-----------------	-----------------	----	----	----	----------	-----------	---------------	-----




C5W

STANDARD	8GM 002 092-121	10	12	5	SV8.5-8	Exact Fit, approx. 11/35 mm	4082300192032	R37
LONG LIFE	8GM 002 092-171	10	12	5	SV8.5-8	up to 2 x longer lifetime	4082300192049	R37




C21W

STANDARD	8GM 002 091-181	10	12	21	SV8.5-8	Exact Fit, approx. 15.5/40 mm	4082300191998	R37
-----------------	-----------------	----	----	----	---------	-------------------------------	---------------	-----




H5W

STANDARD	8GH 002 473-151	10	12	5	BA9s	Exact Fit	4082300035445	-
-----------------	-----------------	----	----	---	------	-----------	---------------	---



H6W

STANDARD	8GH 007 643-121	10	12	6	BAX9s	Exact Fit	4082300191943	R37
-----------------	-----------------	----	----	---	-------	-----------	---------------	-----



12V

H10W

	STANDARD	8GH 002 473-191	10	12	10	BA9s	Exact Fit	4082300288407	-
--	----------	-----------------	----	----	----	------	-----------	---------------	---

H20W

	STANDARD	8GH 002 473-132	10	12	20	BA9s	Exact Fit	4082300035773	-
--	----------	-----------------	----	----	----	------	-----------	---------------	---

H21W

	LONG LIFE	8GH 008 417-001	10	12	21	BA9s	up to 2 x longer lifetime	4082300150742	R37
--	-----------	-----------------	----	----	----	------	---------------------------	---------------	-----

HY21W

	STANDARD	8GH 223 498-821	10	12	21	BAW9s	Exact Fit, amber	4082300826692	R37
--	----------	-----------------	----	----	----	-------	------------------	---------------	-----

Festoon

	STANDARD	8GM 002 091-121	10	12	18	SV8.5-8	Exact Fit, approx. 15/41 mm	4082300191967	-
	STANDARD	8GM 002 091-131	10	12	10	SV8.5-8	Exact Fit, approx. 11/41 mm	4082300191974	-
	STANDARD	8GM 002 091-141	10	12	15	SV8.5-8	Exact Fit, approx. 15/41 mm	4082300191981	-
	STANDARD	8GM 002 094-121	10	12	3	SV7-8	Exact Fit, approx. 8/30 mm	4082300192063	-

R5W

	STANDARD	8GA 002 071-121	10	12	5	BA15s	Exact Fit	4082300191387	R37
	STANDARD	8GA 002 071-371	10	12	5	BA15d	Exact Fit	9314365000430	R37
	LONG LIFE	8GA 002 071-351	10	12	5	BA15s	up to 3 x longer lifetime	4082300191455	R37


R10W

	STANDARD	8GA 002 071-131	10	12	10	BA15s	Exact Fit	4082300191394	R37
	LONG LIFE	8GA 002 071-341	10	12	10	BA15s	up to 4 x longer lifetime	4082300191448	R37

12V


T4W

STANDARD	8GP 002 067-121	10	12	4	BA9s	Exact Fit	4082300192117	R37
-----------------	-----------------	----	----	---	------	-----------	---------------	-----




T6W

STANDARD	8GP 007 676-121	10	12	6	BA9s	Exact Fit	4082300078442	R37
-----------------	-----------------	----	----	---	------	-----------	---------------	-----




W3W

STANDARD	8GP 003 594-141	10	12	3	W2.1x9.5d	Exact Fit	4082300192216	R37
-----------------	-----------------	----	----	---	-----------	-----------	---------------	-----




W5W

STANDARD	8GP 003 594-121	10	12	5	W2.1x9.5d	Exact Fit	4082300192209	R37
-----------------	-----------------	----	----	---	-----------	-----------	---------------	-----




WY5W

STANDARD	8GP 003 594-541	10	12	5	W2.1x9.5d	Exact Fit, amber	4082300192247	R37
-----------------	-----------------	----	----	---	-----------	------------------	---------------	-----




W16W

STANDARD	8GA 008 246-001	10	12	16	W2.1x9.5d	Exact Fit	4082300150735	R37
-----------------	-----------------	----	----	----	-----------	-----------	---------------	-----



W21W

STANDARD	8GA 008 892-002	10	12	21	W3x16d	Exact Fit	4082300176193	R37
-----------------	-----------------	----	----	----	--------	-----------	---------------	-----



12V

EAN
ECE

WY21W



STANDARD	8GP 009 021-002	10	12	21	W3x16d	Exact Fit, amber	4082300176216	R37
----------	-----------------	----	----	----	--------	------------------	---------------	-----

W21/5W



STANDARD	8GD 008 893-002	10	12	21/5	W3x16q	Exact Fit	4082300176209	R37
----------	-----------------	----	----	------	--------	-----------	---------------	-----

W1,2W - W2,3W - W2W





























STANDARD	8GP 002 095-121	10	12	1,2	W2x4.6d	Exact Fit	4082300192179	-
STANDARD	8GP 938 026-001	10	12	2,3	W2x4.6d	Exact Fit	4082300192254	R37
STANDARD	8GP 009 716-002	10	12	2	W2x4.6d	Exact Fit	4082300241730	-

Plastic Socket Lamps



STANDARD	8GA 007 997-171	10	12	1,1	BX8.4d	Exact fit, orange	4082300191622	-
----------	-----------------	----	----	-----	--------	-------------------	---------------	---

12V		HELLA	V	W	i	EAN	ECE		
	STANDARD	8GA 007 997-011	10	12	1,2	W2x4.6d	Exact fit, white	4082300191738	-
	STANDARD	8GA 007 997-031	10	12	1,2	B8.5d	Exact fit, black	4082300191752	-
	STANDARD	8GA 007 997-041	10	12	1,2	B8.3d	Exact fit, black, contacts at the bottom	4082300191769	-
	STANDARD	8GA 007 997-051	10	12	1,2	B8.7d	Exact fit, grey	4082300191776	-
	STANDARD	8GA 007 997-121	10	12	1,2	BX8.4d	Exact fit, black	4082300191578	-
	STANDARD	8GA 007 997-211	10	12	1,2	BX8.5d	Exact fit, light-blue	4082300191660	-
	STANDARD	8GA 007 997-241	10	12	1,2	BG8.5-5.5d	Exact fit, black	4082300191691	-
	STANDARD	8GA 007 997-131	10	12	1,3	BX8.4d	Exact fit, green	4082300191585	-
	STANDARD	8GA 007 997-141	10	12	1,5	BX8.4d	Exact fit, beige	4082300191592	-

 12V		     						 	
	STANDARD	8GA 007 997-161	10	12	1,5	B8.5d	Exact fit, beige	4082300191615	-
	STANDARD	8GA 007 997-001	10	12	2	B8.3d	Exact fit, white	4082300191721	-
	STANDARD	8GA 007 997-081	10	12	2	B8.5d	Exact fit, greenbeige	4082300191806	-
	STANDARD	8GA 007 997-091	10	12	2	B8.7d	Exact fit, green	4082300191813	-
	STANDARD	8GA 007 997-221	10	12	2	BX8.5d	Exact fit, light-green	4082300191677	-
	STANDARD	8GA 007 997-101	10	12	3	B10d	Exact fit, brown/miniature halogen	4082300191820	-
	STANDARD	8GA 007 997-111	10	12	5	B10d	Exact fit, black/miniature halogen	4082300191837	-
	STANDARD	8GS 006 677-121	10	12	2	BX8.4d	Exact fit, white-green	4082300192261	-

LED retrofit for small lamps


Range for interior lighting functions

Stylish and cool, not only on the outside

If you want to give your car a stylish and cool look with a daylight effect, the LED retrofits from HELLA are the right product for you. Our LED retrofits for the interior provide high brightness levels so that you can find everything in your car. If you have dropped your snack or are looking for something in your glove

compartment, no problem: our LED retrofits provide the right light and illuminate your car. With energy-efficient and long-lasting LEDs, HELLA's retrofits are the right choice.



 UP TO 6000_K

Interior style

- Long lifetime
- White light for increased comfort
- Energy-efficient
- High light intensity

Conventional lamps



LED retrofit for small lamps

Product portfolio



LED-Festoon
36 mm

LED-Festoon
41 mm

LED-Festoon
30 mm

LED-Festoon
38 mm

LED-Festoon
43 mm



**LED-T10
WHITE
(~W5W)**



**LED-T10
BLUE
(~W5W)**



**LED-Wedge
White
(~T5)**



**LED-White
(~T4W)**

12V

LED-T10 White (~W5W)								
	LED RETROFIT	8GL 178 560-591*	2	12	1	W2,1x9,5d up to 4000 K	4082300558005	-
	LED RETROFIT	8GL 178 560-601*	2	12	1	W2,1x9,5d up to 5000 K	4082300558012	-

LED-T10 White (~W5W)								
	LED RETROFIT	8GL 226 971-101*	10	12	1	W2.1x9.5d up to 6000 K	4082300856576	-

LED-T10 BLUE (~W5W)								
	LED RETROFIT	8GL 226 971-211*	10	12	1	W2.1x9.5d	4082300858327	-

LED-Wedge White (~T5)								
	LED RETROFIT	8GL 226 971-231*	10	12	1	W2x4.d up to 6000 K	4082300858341	-

LED-White (~T4W)								
	LED RETROFIT	8GL 226 971-241*	10	12	1,5	BA9s up to 6000 K	4082300858358	-

* This product is not approved for use on public roads and does not have ECE approval. Depending on local regulations, using this product on the road for outdoor applications may result in the licence being cancelled and loss of insurance cover. It is your own responsibility to comply with local legal requirements. If warning signals appear on the dashboard after installation, an additional CANbus may be required. For further information, please contact your specialist garage.

STANDARD

Spare parts boxes

Always ready for use

Vehicle lamps always fail when you need them most, at night, of course, when you are out in bad weather and all the shops are closed. To stock up appropriately, HELLA offers various assortment boxes.

Good visibility is crucial for safety. The assortment boxes from HELLA contain common lamp bulbs, but also signal/direction indicator and marker bulbs, as well as the right selection of fuses.



Spare parts box contains:

Bulbs: 1x H4, 1x P21/5W, 1x P21W, 1x T4W, 1x R5W
Fuses: 1x 10A, 1x 15A, 1x 30A

8GJ 002 525-913

1 piece

12V

Spare parts box contains:

Bulbs: 1x H7, 1x W5W, 1x C5W, 1x P21W, 1x R5W, 1x P21/5W,
1x PY21W, 1x P21/4W
Fuses: 1x 10A, 1x 15A, 1x 30A

8GH 007 157-901

1 piece

12V

**Spare parts box contains:**

Bulbs: 1x H4, 1x P21W, 1x T4W, 1x R5W
 Fuses: 1x 10A, 1x 15A, 1x 30A

8GJ 002 525-971

1 piece

12V

Spare parts box contains:

Bulbs: 1x H7, 1x W5W, 1x P21W, 1x R5W
 Fuses: 1x 10A, 1x 15A, 1x 30A

8GH 007 157-941

1 piece

12V

HELLA

auxiliary lamps

Strong light with endurance



HELLA LIGHTSTYLE
www.hella.com/lightstyle

Black Magic Light Bars

Strong on the road



Double Row Mini in 7" or 13"



Slim Curved in 20"



Blade series
Razor-sharp
position light design

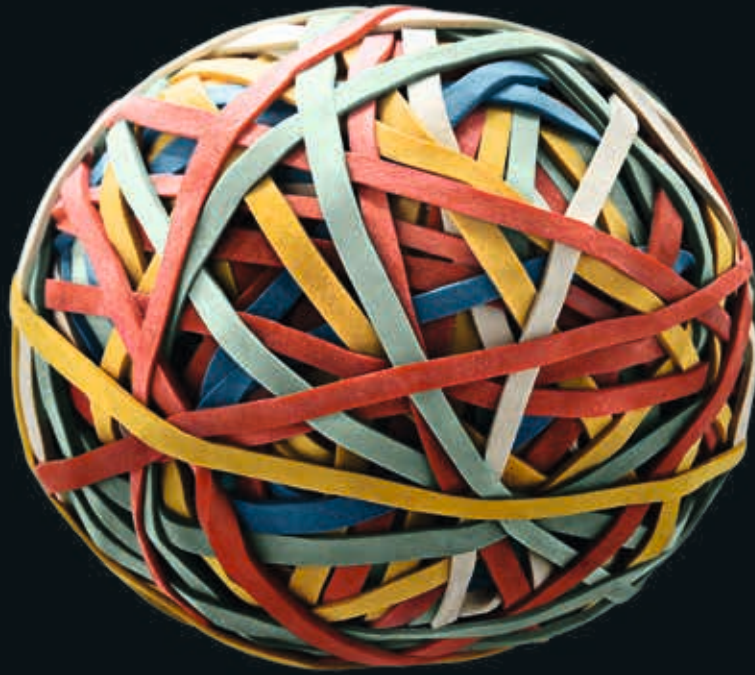


Luminator LED
The auxiliary lamp with
distinctive position light

Rallye 3003 LED
Maximum
performance,
minimum weight



Jumbo LED
The new auxiliary lamp with
the brilliant smile



Business.

Our customers are at the heart of what we do

To ensure that business runs smoothly, HELLA is there to help wholesalers, because their day-to-day business is already complicated enough. That is why we see it as our task to make it as easy as possible for them.

For retailers, we offer outstanding product availability with sophisticated logistics, as well as first-class data management and targeted sales support. This accelerates and simplifies the wholesale business – for greater efficiency.



Simplified.

We support workshops throughout the entire repair process.

We proactively search for new solutions to help workshops successfully master the increasing complexity of the many vehicle models and get the customer's car back on the road as quickly as possible. This makes your daily business even faster and more profitable.

We look after you and your customers



HELLA PARTNER WORLD
www.hella.com/partnerworld



HELLA TECH WORLD
www.hella.com/techworld





Everything about lamp
adjustment and diagnostics
www.hella-gutmann.com



Overview

Part numbers

Part no.	Description		New abbreviations
8GS 009 028-111	D1S 85V 35W	Xenon	HID1SCP1
8GS 009 028-621	D1S 85V 35W	Xenon White Light	D2R5000CP1
8GS 007 949-501	D1R 85V 35W	Xenon	D1RCP1
8GS 007 949-261	D2S 85V 35W	Xenon	HID2SCP1
8GS 007 949-251	D2S 85V 35W	Xenon White Light	D2R5000CP1
8GS 007 001-151	D2R 85V 35W	Xenon	HID2RCP1
8GS 007 001-241	D2R 85V 35W	Xenon White Light	D2R5000CP1
8GS 009 028-311	D3S 42V 35W	Xenon	HID3SCP1
8GS 007 949-541	D3S 42V 35W	Xenon White Light	D3SWLCP1
8GS 007 949-311	D4S 42V 35W	Xenon	HID4SCP1
8GS 007 949-551	D4S 42V 35W	Xenon White Light	D4SWLCP1
8GS 007 949-521	D4R 42V 35W	Xenon	D4RCP1
8GS 007 949-531	D5S 12V 25W	Xenon	D5SCP1
8GH 002 089-131	H1 12V 55W	Standard	H112VCP1
8GH 002 089-351	H1 12V 55W	Long Life	H112VLLCP1
8GH 223 498-211	H1 12V 55W	Performance +60 %	H112V+60CP1
8GH 223 498-011	H1 12V 55W	Performance +120 %	H112V+120CP1
8GH 223 498-111	H1 12V 55W	White Light	H112VWLCP1
8GH 002 090-131	H3 12V 55W	Standard	H312VCP1
8GH 002 090-271	H3 12V 35W	Standard	H312V35WCP1
8GJ 002 525-131	H4 12V 60/55W	Standard	H412VCP1
8GJ 002 525-481	H4 12V 60/55W	Long Life	H412VLLCP1
8GJ 223 498-221	H4 12V 60/55W	Performance +60 %	H412V+60CP1
8GJ 223 498-021	H4 12V 60/55W	Performance +120 %	H412V+120CP1
8GJ 223 498-121	H4 12V 60/55W	White Light	H412VWLCP1
8GH 007 157-121	H7 12V 55W	Standard	H712VCP1
8GH 007 157-201	H7 12V 55W	Long Life	H712VLLCP1
8GH 223 498-231	H7 12V 55W	Performance +60 %	H712V+60CP1
8GH 223 498-031	H7 12V 55W	Performance +120 %	H712V+120CP1
8GH 223 498-131	H7 12V 55W	White Light	H712VWLCP1
8GH 008 356-121	H8 12V 35W	Standard	H812VCP1
8GH 223 498-141	H8 12V 35W	White Light	H812VWLCP1
8GH 008 356-011	H8B 12V 35W	Standard	H8B12VCP1
8GH 008 357-001	H9 12V 65W	Standard	H912VCP1
8GH 008 357-181	H9 12V 65W	White Light	H912VWLCP1
8GH 008 357-011	H9B 12V 65W	Standard	H9B12VCP1
8GH 009 063-121	H10 12V 42W	Standard	H1012VCP1
8GH 008 358-121	H11 12V 55W	Standard	H1112VCP1
8GH 223 498-351	H11 12V 55W	Long Life	H1112VLLCP1
8GH 223 498-151	H11 12V 55W	White Light	H1112VWLCP1
8GH 008 358-141	H11B 12V 55W	Standard	H11B12VCP1

Part no.	Description		New abbreviations
8GJ 008 837-121	H13 12V 60/55W	Standard	H1312VCP1
8GJ 168 119-001	H15 12V 55/15W	Standard	H1512VCP1
8GH 186 996-001	H16 12V 19W	Long Life	H1612VLLCP1
8GH 217 337-101	H18 12V 65W	Standard	H1812VCP1
8GJ 235 698-101	H19 12V 60/55W	Standard	H1912VCP1
8GJ 004 907-123	HB1 (9004) 12V 65/45W	Standard	HB112VCP1
8GJ 007 255-123	HB2 (9003) 12V 60/55W	Standard	HB212VCP1
8GH 005 635-121	HB3 (9005) 12V 60W	Standard	HB312VCP1
8GH 223 498-161	HB3 (9005) 12V 60W	White Light	HB312VWLCP1
8GH 005 636-121	HB4 (9006) 12V 51W	Standard	HB412VCP1
8GH 223 498-171	HB4 (9006) 12V 51W	White Light	HB412VWLCP1
8GH 005 636-201	HB4a (9006xs) 12V 51W	Standard	HB4a12VCP1
8GJ 178 555-343	HB5 (9007) 12V 65/55W	Standard	HB512VCP1
8GH 009 319-001	HIR2 12V 55W	Standard	HIR212VCP1
8GH 008 991-021	H27W/1 12V 27W	Standard	H27W/112VCP1
8GH 008 991-031	H27W/2 12V 27W	Standard	H27/212VCP1
8GD 002 088-141	R2/HR2 12V 45/40W	Standard	HR212V45WCP10
8GJ 004 173-121	R2/HR2 12V 60/55W	Standard	HR212V60WCP1
8GA 223 569-041	P13W 12V 13W	Standard	P13WCP1
8GA 223 569-021	PS19W 12V 19W	Standard	PS19WCP1
8GA 223 569-011	PS24W 12V 24W	Standard	PS24WCP1
8GA 223 569-001	PSX24W 12V 24W	Standard	PSX24WCP1
8GA 223 569-031	PSY24W 12V 24W	Standard	PSY24WCP1
8GA 002 073-121	P21W 12V 21W	Standard	P21W12VCP10
8GA 002 073-281	P21W 12V 21W	Standard	P21W12V1CP10
8GA 002 073-271	P21W 12V 21W	Long Life	P21W12VLLCP10
8GA 006 841-121	PY21W 12V 21W	Standard	PY21W12VCP10
8GD 004 772-121	P21/4W 12V 21/4W	Standard	P21/4WCP10
8GD 002 078-121	P21/5W 12V 21/5W	Standard	P21/5W12VCP10
8GD 002 078-221	P21/5W 12V 21/5W	Long Life	P21/5W12VLLCP10
8GD 002 078-401	PR21/5W 12V 21/5W	Standard	PR21/5W12VCP10
8GA 007 731-232	P27W (3156) 12V 27W	Standard	P27WCP10
8GM 002 092-121	C5W 12V 5W	Standard	C5WCP10
8GM 002 092-171	C5W 12V 5W	Long Life	C5WLLCP10
8GM 002 091-181	C21W 12V 21W	Standard	C21WCP10
8GH 002 473-151	H5W 12V 5W	Standard	H5W12VCP10
8GH 007 643-121	H6W 12V 6W	Standard	H6W12VCP10
8GH 002 473-191	H10W 12V 10W	Standard	H10W12VCP10
8GH 002 473-132	H20W 12V 20W	Standard	H20W12VCP10
8GH 008 417-001	H21W 12V 21W	Long Life	H21W12VLLCP10
8GH 223 498-821	HY21W 12V 21W	Standard	HY21WCP10

Overview

Part numbers

Part no.	Description		New abbreviations
8GM 002 091-121	Festoon 12V 18W	Standard	K18WCP10
8GM 002 091-131	Festoon 12V 10W	Standard	K10WCP10
8GM 002 091-141	Festoon 12V 15W	Standard	T15x40CP10
8GM 002 094-121	Festoon 12V 3W	Standard	M12VCP10
8GA 002 071-121	R5W 12V 5W	Standard	R5W12VCP10
8GA 002 071-371	R5W 12V 5W	Standard	R5W12V1CP10
8GA 002 071-351	R5W 12V 5W	Standard	R5W12VLLCP10
8GA 002 071-131	R10W 12V 10W	Standard	R10WCP10
8GA 002 071-341	R10W 12V 10W	Standard	R10WVCP10
8GP 002 067-121	T4W 12V 4W	Standard	T4WCP10
8GP 007 676-121	T6W 12V 6W	Standard	T6WCP10
8GP 003 594-141	W3W 12V 3W	Standard	W3WCP10
8GP 003 594-121	W5W 12V 5W	Standard	W5W12VCP10
8GP 003 594-541	WY5W 12V 5W	Standard	WY5WCP10
8GA 008 246-001	W16W 12V 16W	Standard	W16WCP10
8GA 008 892-002	W21W 12V 21W	Standard	W21WCP10
8GP 009 021-002	WY21W 12V 21W	Standard	WY21CP10
8GD 008 893-002	W21/5W 12V 21/5W	Standard	W21/5WCP10
8GP 002 095-121	W1,2W 12V 1,2W	Standard	W1,2WCP10
8GP 938 026-001	W2,3W 12V 2,3W	Standard	W2,3WCP10
8GP 009 716-002	W2W 12V 2W	Standard	W2WCP10
8GA 007 997-171	Plastic Socket Lamps 12V 1,1W	Standard	PB8,40CP10
8GA 007 997-011	Plastic Socket Lamps 12V 1,2W	Standard	PBW2x6,4WCP10
8GA 007 997-031	Plastic Socket Lamps 12V 1,2W	Standard	PB8,5BCP10
8GA 007 997-041	Plastic Socket Lamps 12V 1,2W	Standard	PB8,3BCP10
8GA 007 997-051	Plastic Socket Lamps 12V 1,2W	Standard	PB8,7GCP10
8GA 007 997-121	Plastic Socket Lamps 12V 1,2W	Standard	PB8,4BCP10
8GA 007 997-211	Plastic Socket Lamps 12V 1,2W	Standard	BP8,5LBCP10
8GA 007 997-241	Plastic Socket Lamps 12V 1,2W	Standard	PBSG8CP10
8GA 007 997-131	Plastic Socket Lamps 12V 1,3W	Standard	PB8,4GCP10
8GA 007 997-141	Plastic Socket Lamps 12V 1,5W	Standard	PB8,4BEC10
8GA 007 997-161	Plastic Socket Lamps 12V 1,5W	Standard	PB8,5BEC10
8GA 007 997-001	Plastic Socket Lamps 12V 2W	Standard	PB8,3WCP10
8GA 007 997-081	Plastic Socket Lamps 12V 2W	Standard	PB8,5GBCP10
8GA 007 997-091	Plastic Socket Lamps 12V 2W	Standard	PB8,7GCP10
8GA 007 997-221	Plastic Socket Lamps 12V 2W	Standard	PB8,5LGCP10
8GA 007 997-101	Plastic Socket Lamps 12V 3W	Standard	PB10BRCP10

Part no.	Description		New abbreviations
8GA 007 997-111	Plastic Socket Lamps 12V 5W	Standard	PB10BCP10
8GS 006 677-121	Plastic Socket Lamps 12V 2W	Standard	PB8,4WGCP10
8GL 178 560-551	LED-Festoon 36 mm 12V 1W	LED Retrofit	LED-FEST36WB2
8GL 178 560-561	LED-Festoon 36 mm 12V 1W	LED Retrofit	LED-FEST36CWB2
8GL 178 560-571	LED-Festoon 41 mm 12V 1W	LED Retrofit	LED-FEST41WB2
8GL 178 560-581	LED-Festoon 41 mm 12V 1W	LED Retrofit	LED-FESTCWB2
8GL 226 971-111	LED-Festoon 30 mm 12V 1W	LED Retrofit	DE3175 LED 6K
8GL 226 971-121	LED-Festoon 43 mm 12V 3W	LED Retrofit	6476 LED 6K
8GL 226 971-131	LED-Festoon 38 mm 12V 3W	LED Retrofit	6418 LED 6K
8GL 178 560-591	LED-T10 12V 1W	LED Retrofit	LEDT10WB2
8GL 178 560-601	LED-T10 12V 1W	LED Retrofit	LEDT10CWB2
8GL 226 971-101	LED-T10 White (~W5W) 12V 1W	LED Retrofit	158 LED 6K
8GL 226 971-211	LED-T10 BLUE (~W5W) 12V 1W	LED Retrofit	158B LED 10K
8GL 226 971-231	LED-White (Wegde, ~WBT5) 12V 1W	LED Retrofit	2721 LED WEDGE 6K
8GL 226 971-241	LED-White (~T4W) 12V 1,5W	LED Retrofit	3893 LED 6K

Symbols



Low beam



High beam



Fog light



Rear fog light



Daytime running light



Parking light



Position light



Front direction indicator light



Rear direction indicator light



Auxiliary direction indicator light



Reverse light



Stop light



Tail light



Glove compartment lighting



Interior lighting



Boot lighting



Licence plate lighting



Dashboard lighting



Side marker light



Front parking lamp



Rear parking light



Clearance lamp



Reading light



Cars



Two-wheelers



Part number



Packaging



Voltage in volts



Power in watts



Bulb holder



Information



Bar code



Certification

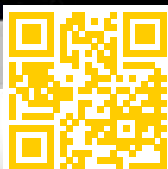
HELLA Limited

Unit 6 Appletree Industrial Estate
Chipping Warden
Banbury, Oxon
OX17 1LL
England, UK
Tel.: (01295) 662400
Fax: 0800 7832571
E-mail: hella.sales@hella.com
Website: www.hella.co.uk

HELLA A/S

Lundsbjerg Industrivej 13
DK-6200 Aabenraa
Tel.: 0045 7330 3600
e-mail: info.dk@hella.com
www.hella.dk

© HELLA GmbH & Co. KGaA, Lippstadt
J02203/10.23
Subject to technical and price modifications.

**HELLA Bulbs**

www.hella.com/bulbs
www.myhellalights.com