



BULBS

FOR PASSENGER & COMMERCIAL VEHICLES



HELLA WORLDWIDE

National HELLA websites, locations and contact informations

1899 marks the beginning
of HELLA.

125 locations
worldwide.

35 countries
around the globe

7,768 employees worldwide
work in research and
development at HELLA

7.0 billion € sales
in fiscal year
2018/2019

HELLA Group in India is known for setting global standards for quality, customer orientation and has created a niche for itself in both international and domestic market as a supplier to leading vehicle manufacturers.

HELLA India Lighting Ltd. brings “**Technology of Tomorrow for the Life of Today**” to Indian Roads. Member of the Management Board of the HELLA Group, Germany, along with all employees of HILL, have adopted the new strategy for the company to focus all future activities around the central theme of ensuring road safety on Indian Roads. In this regard HILL focuses on state of the art technology products for the special OE segment and safety awareness campaigns through its strong independent Aftermarket network.

Asia/Pacific
Australia
China
Dubai

Russia



TECHNOLOGY OF **TOMORROW** FOR THE **LIFE OF TODAY**

As the technological leader for intelligent light distribution systems, halogen, Xenon and full-LED headlamps, and as a partner to renowned international vehicle manufacturers, Hella always meets the highest expectations and quality standards. We have also applied this benchmark to our bulbs range: premium technology in uncompromising quality that has undergone rigorous testing. This means optimum visibility thanks to premium light quality and minimum failure rates thanks to durable and long-lasting products. The product range covers a wide range of applications for all kinds of vehicles: passenger cars, trucks, special vehicles and motorbikes – headlamps and other lamps, interior lights, conventional halogen lights and xenon lights. And all with an excellent price-performance ratio.



TESTED QUALITY

All HELLA bulbs undergo rigorous testing. The engineers in Hella's Quality Assurance department have specified a clear requirement profile for every bulb type.

Headlamp bulbs, for example, are stringently tested by our engineers for their light distribution properties. The very latest in light measuring equipment is used for this.

Paint adhesion tests compliant with FAKRA guidelines (German Association of Automotive Experts), vibration and shock tests in line with IEC requirements, geometric measurements, light flux and efficacy measurements, plus lifetime tests guarantee that wholesalers and garages receive perfect quality.

Quality assurance is very important to us

Ensuring you and your customers are satisfied. This is why HELLA's quality assurance engineers carry out exhaustive testing of all our bulbs to ensure their high quality. And it is thanks to these extensive tests and our OE lighting expertise that you can rely on our guaranteed quality standard.

The results of consistent quality testing

Renowned vehicle manufacturers have been relying on our technological innovations and trusting HELLA's expertise, experience and quality for years.





Geometrical measurement

A measuring projector is used to check the filament geometry for compliance with the statutory standards stipulated in IEC 60810. The filament must be dimensioned and positioned within the bulb as specified in the standard. This is the only way to achieve optimum headlamp power and prevent glare to oncoming traffic.



Vibration and shock test

Here, vibration resistance of the bulbs and the filament in particular is tested on an electro-dynamic vibration table



Paint adhesion test

The adhesion of paint on coloured glass bulbs – such as the PY21W – is tested in a climate chamber at different temperatures and air humidity levels. Optimum adhesion of glass bulb paint guarantees the prescribed amber indicator light over the whole lifetime.



Lifetime test

Sophisticated tests are used to demonstrate the high reliability of HELLA bulbs over long periods.



Luminous flux measurement

An Ulbricht sphere and goniometer are used to determine the luminous flux and luminous intensity of HELLA bulbs. This guarantees the optimum luminous efficiency of our bulbs. These tests and measurements form the basis of our tested quality.

INDIVIDUALITY YOU CAN SEE

STANDARD HALOGEN



HELLA Standard halogen bulbs are made as per OEM quality standard providing adequate & durable lighting along with a longer life-time.

Available in the following versions: H1, H3, H4, H7, H8, H11, H16, HB3, HB4, H27.

Extra Light Output [%]*



Light Colour [K]



Service Life [h]**



RALLYE HALOGEN



HELLA Rallye halogen bulbs are developed keeping in mind the need for brighter lights in off road conditions. Infused with xenon gas, the bulbs provide 10% whiter light and strike a perfect balance between brighter light and longer life. The opaque blue cap offers an elegant look in clear glass headlamps.

Available in the following versions: H1, H3, H4, H7.

Extra Light Output [%]*



Light Colour [K]



Service Life [h]**





POWER BLEU



HELLA PowerBleu bulbs upgrade your car with bright xenon-like white light of 4400K and 5000K. With the blue coating and silver top finishing, they are designed for style-conscious car enthusiasts.

4400K | White Light

- High colour temperature of 4400 Kelvin of white light

4400K Rally | White Light

- High colour temperature of 4400 Kelvin of white light
- Ideal for off-highway

5000K | White Light

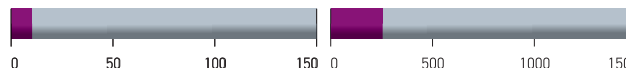
- High colour temperature of 5000 Kelvin of white light

5000K Rally | White Light

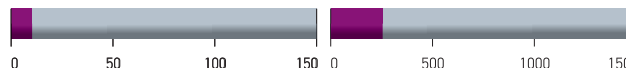
- High colour temperature of 5000 Kelvin of white light
- Ideal for off-highway

Available in the following versions: H1, H3, H4, H7, H8, H11, HB3, HB4.

Extra Light Output [%]*



Service Life [h]**



DYNAMIC RANGE : HELLA PLATINUM +100%



The HELLA Platinum +100% bulbs deliver up to 100% more light on the road in comparison to standard headlight bulbs. Drivers will appreciate the high level of brightness that boost their vision on the road.

Platinum | +100 More Light

- Intense Brightness

Available in the following versions: H1, H3, H4, H7, H8, H11, HB3, HB4.

Extra Light Output [%]*



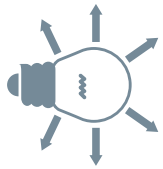
Light Colour [K]



Service Life [h]**



Here is a summary of the most important basic terms in lighting technology and the respective units of measure for lamp and light evaluation.



Luminous flux Φ

Unit: lumen [lm]

Luminous flux Φ is the term used to describe the complete luminous efficacy radiated from a light source.



Luminance L

Unit: candela per square metre [cd/m²]

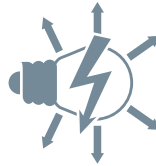
Luminance L is the amount of brightness detected by the eye from a luminous or illuminated surface.



Luminous intensity I

Unit: candela [cd]

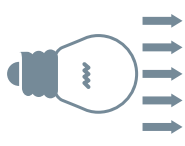
This is the portion of the luminous flux radiating in a specific direction.



Luminous efficiency η

Unit: lumen per watt [lm/W]

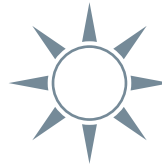
Luminous efficiency η specifies how efficiently consumed electrical power is converted into light.



Illuminance E

Unit: lux [lx]

Illuminance E specifies the incident luminous flux per unit of illuminated area. Illuminance is 1 lx when a luminous flux of 1 lm strikes an area of 1 m².



Light sources

Light sources are thermal radiators that produce light through heat energy. This means the more a light source is heated, the higher its luminous intensity will be.



FOR
PASSENGER
VEHICLES



PASSENGER VEHICLE RANGE

H4



Standard

8GJ 002 525-133

12V

60/55W

P43t

-



Rallye

8GJ 002 525-671

12V

100/90W

P43t

-



Rallye

8GJ 002 525-691

12V

130/90W

P43t

-



Rallye

8GJ 002 525-681

12V

100/90W

P45t

-



Rallye

8GJ 002 088-493

12V

130/90W

P45t

-



Platinum

8GJ 178 560-663

12V

60/55W

P43t

+100%

PASSENGER VEHICLE RANGE

H4



Power Bleu	
8GJ 211 730-043	
12V	60/55W
P43t	
Blue Light 4400K	



Power Bleu	
8GJ 211 730-053	
12V	100/90W
P43t	
Blue Light 4400K	



Daywhite	
8GJ 211 730-318	
12V	130/90W
P43t	
Daywhite 4400K	



Power Bleu	
8GJ 211 730-183	
12V	60/55W
P43t	
Blue Light 5000K	



Power Bleu	
8GJ 211 730-193	
12V	100/90W
P43t	
Blue Light 5000K	



Daywhite	
8GJ 211 730-308	
12V	130/90W
P43t	
Daywhite 5000K	

PASSENGER VEHICLE RANGE

H1



Standard

8GH 178 555-034

12V	55W
-----	-----

P-14-5s

-



Rallye

8GH 002 089-561

12V	100W
-----	------

P-14-5s

-



Platinum

8GH 178 560-693

12V	55W
-----	-----

P-14-5s

+100%



Power Bleu

8GH 211 730-003

12V	55W
-----	-----

P-14-5s

Blue Light 4400K



Power Bleu

8GH 211 730-013

12V	100W
-----	------

P-14-5s

Blue Light 4400K



Power Bleu

8GH 211 730-143

12V	55W
-----	-----

P-14-5s

Blue Light 5000K



Power Bleu

8GH 211 730-153


12V	100W
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P-14-5s

Blue Light 5000K

PASSENGER VEHICLE RANGE

H3

	Standard	
	8GH 178 555-064	
	12V	55W
	PK-22-s	
	-	

	Rallye	
	8GH 002 090-301	
	12V	100W
	PK-22-s	
	-	


	Platinum	
	8GH 178 560-683	
	12V	55W
	PK-22-s	
	+100%	

	Power Bleu	
	8GH 211 730-023	
	12V	55W
	PK-22-s	
	Blue Light 4400K	

	Power Bleu	
	8GH 211 730-033	
	12V	100W
	PK-22-s	
	Blue Light 4400K	

	Power Bleu	
	8GH 211 730-163	
	12V	55W
	PK-22-s	
	Blue Light 5000K	

	Power Bleu	
	8GH 211 730-173	
	12V	100W
	PK-22-s	
	Blue Light 5000K	

	Daywhite	
	8GH 211 730-038	
	12V	100W
	PK-22-s	
	Daywhite 4400K	

PASSENGER VEHICLE RANGE

H7



Standard

8GH 007 157-123

12V 55W

PX-26d

-



Rallye

8GH 007 157-361

12V 100W

PX-26d

-



Platinum

8GH 178 560-653

12V 55W

PX-26d

+100%



Power Bleu

8GH 211 730-063

12V 55W

PX-26d

Blue Light 4400K



Power Bleu

8GH 211 730-073

12V 100W

PX-26d

Blue Light 4400K



Power Bleu

8GH 211 730-203

12V 55W

PX-26d

Blue Light 5000K



Power Bleu

8GH 211 730-213

12V 100W

PX-26d

Blue Light 5000K

PASSENGER VEHICLE RANGE

H8

Standard	
8GH 178 555-153	
12V	35W
PGJ19-1	
-	

Platinum	
8GH 211 730-891	
12V	35W
PGJ19-1	
+100%	

Power Bleu	
8GH 358 155-001	
12V	35W
PGJ19-1	
Blue Light 4400K	

H11

Standard	
8GH 178 555-111	
12V	55W
PGJ19-2	
-	

Platinum	
8GH 211 730-283	
12V	55W
PGJ19-2	
+100%	

Power Bleu	
8GH 211 730-083	
12V	55W
PGJ19-2	
Blue Light 4400K	

PASSENGER VEHICLE RANGE

HB3

Standard	
8GH 005 635-121	
12V	55W
P20-d	
-	

Platinum	
8GH 178 560-703	
12V	65W
P20-d	
+100%	

Power Bleu	
8GH 211 730-103	
12V	65W
P20-d	
Blue Light 5000K	

Power Bleu	
8GH 211 730-113	
12V	100W
PX-26d	
Blue Light 4400K	

H27

Standard	
8GH 178 560-631	
12V	27W
PG13	
-	

Standard	
8GH 178 560-641	
12V	27W
PGJ13	
-	

PASSENGER VEHICLE RANGE

HB4

Standard	
8GH 005 636-121	
12V	55W
P22-d	
-	

Platinum	
8GH 178 560-713	
12V	55W
P22-d	
+100%	

Power Bleu	
8GH 211 730-123	
12V	55W
P22-d	
Blue Light 4400K	

Daywhite	
8GH 358 052-041	
12V	100W
P22-d	
Daylight 4400K	

H16

Standard	
8GH 211 730-881	
12V	19W
PGJ19-3	
-	

PASSENGER VEHICLE RANGE

SIGNAL



Signalling

8GA 178 560-011

12V 21W

BA-15-S

P21 - 1141



Signalling

8GD 178 560-111

12V 21/5W

BAY-15-D

P21/5 - 1016



Signalling

8GD 178 560-031

12V 21/4W

BA-15-S

P21/4



Signalling

8GA 006 841-121

12V 21W

BA-15-S

1141 Amber



Signalling

8GA 178 560-021

12V 10W

BA-155

R10 12V - 67



Signalling

8GP 178 560-081

12V 5W

W2,1X9,5D

W5W - T10



Signalling

8GA 008 246-001

12V 16W

W2,1X9,5D

W16W



Signalling

8GP 002 067-121

12V 4W

BA-9-S

T4W - TD



FOR
COMMERCIAL
VEHICLES



COMMERCIAL VEHICLE RANGE

H4



Standard

8GJ 002 525-253

24V

75/70W

P43t

-



Rallye

8GJ 002 525-453

24V

100/90W

P43t

-



Rallye

8GJ 178 555-971

24V

130/90W

P43t

-



Rallye

8GJ 002 088-453

24V

100/90W

P45t

-



Rallye

8GJ 178 555-961

24V

130/90W

P45t

-

COMMERCIAL VEHICLE RANGE

H1

Standard	
8GH 178 555-144	
24V	70W
P-14-5s	
-	

Rallye	
8GH 002 089-453	
24V	100W
P-14-5s	
-	

H3

Standard	
8GH 178 555-244	
24V	70W
PK-22-s	
-	

Rallye	
8GH 002 090-453	
24V	100W
PK-22-s	
-	

H7

Standard	
8GH 007 157-243	
24V	70W
PX-26d	
-	

COMMERCIAL VEHICLE RANGE

SIGNAL



Signalling

8GA 178 560-101

24V

21W

PX-26d

P21 - 2441



Signalling

8GD 178 560-341

24V

21/5W

BAY-15-D

P21/5



Signalling

8GA 178 560-241

24V

10W

BA-155

R10 - 67



Signalling

8GP 178 560-271

24V

5W

W2,1X9,5D

W5W - T10



Signalling

8GP 002 067-241

24V

4W

BA-9-S

T4W - TD

EVERYTHING WE DO REVOLVES AROUND OUR CUSTOMERS.

In order to ensure that business runs smoothly, HELLA supports wholesalers and workshops with its extensive know-how and many years of experience. Because realise that your day to day business is already complex as it is. As a partner to the wholesalers and as the workshop's friend, we see it quite naturly asour job to make this as simple as possible for you.

The result is that you can plan and carry out your work processes more quickly and more profitably.

PARTNER TO WHOLESALERS

Hella is a reliable partner to the wholesalers that flexibly responds to customer requests, makes an impression with high-quality products and maximum

Availability and there by speeds up and simplifies business for more efficiency.

As a partner to the wholesalers, HELLA prioritises solution oriented and reliable collaboration.

We achieve this through fast and customer oriented service in all matters through highly skilled on-site contacts, whose objective is to accelerate and simplify wholesale business through maximum flexibility and speed.

Our Success factor is that were close to our customers- not only geographically but also in our thinking through sales companies around the globe.

THE WORKSHOP'S FRIEND

HELLA is the workshop's friend, combining OE expertise and technical know-how to make day-to-day business faster, more profitable and future-proof.

As the workshop's freind, HELLA aims to provide our customers with optimum support for everday worksho conditions.

Our technical expertise enables fast and solution-oriented service in all technical questions concerning our products. We treat workshops as equals because we uderstand them and, thanks to proximity to the market, canalso provide them with fast and competent support






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