

# Headlamps and Inserts

HELLA has manufactured headlamp systems for more than 100 years. The durability and reliability of HELLA products has made HELLA a world leader in headlamp technology.





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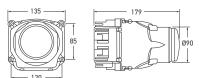
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#### Bi-LED 90mm 2nd Generation High/ Low Beam Headlamp

LED high/low beam headlamp featuring a generous spread of light and strong high beam for the open road. Low power consumption and ultra long life equates to economical running costs compared to a bulb lamp. Exceptional white light output and extremely homogeneous illumination for reduced driver eye strain which means greater safety. Complete with 4 screw adjusters and DT plug.







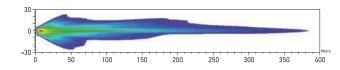


Part Number	1032-G2			
Mounting	3 point mount, scree	3 point mount, screw adjusters included.		
Voltage	Multivolt™ for optim	um brightness in 12 and 24 volt systems.		
Power Consumption	High beam: Low beam:	30W 20W		
Protection	IP 6K4K (Protection against dust and high-pressure water splash) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)			
Connection	4 pole DT socket			
Spare Parts	4962-P 9.1029.12	4 pole DT plug kit (included) Mounting frame		
Compliance	E1 4209 Ref. 12.5	ECE R112/01	<u></u>	

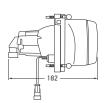


P/N 9.1029.12

#### P/N 1032-G2 High Beam distance. (m)











Part Number	1LL 009 998-011		12 VOLT
Part Number	1LL 009 998-051		24 VOLT
Bulbs to Suit	12V 24V	CA1255 CA2470	
Spare Parts	9.1029.11 9.1534.05	Mounting frame Bulb connector	
Compliance	E1) 2484		

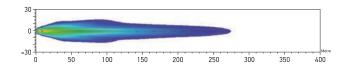


#### Bi-Halogen 90mm H7 High/Low Beam Headlamp

Compact H7 Low/High Beam headlamp.
Pattern-free hardened glass lens and
Free-Form (FF) cast aluminium reflector.
Excellent light output and extremely
homogeneous illumination with virtually no
scatter. Straight-forward installation with
3 pre-mounted adjustment screws on the
vehicle body. Matching connectors included.



#### High Beam distance. (m)



#### Headlamp Adjusters

Adjuster to suit 90mm headlamps.

Part Number	15297700		PACK OF 3
Part Number	25416300		PACK OF 3
To Suit	P/N 15297700 P/N 25416300	Suits 14mm Ø mounting holes Suits 17mm Ø mounting holes	



P/N 25416300

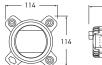


P/N 15297700

#### LED 90mm Low Beam

LED low beam featuring a generous spread of light. Low power consumption and ultra long life equates to economical running costs compared to a bulb lamp. Exceptional white light output and extremely homogeneous illumination for reduced driver strain which means greater safety. Complete with 3 screw adjusters.











Part Number	1ML 012 488-011		
Mounting	3 point mount, screw adjusters included.		
Voltage	Multivolt™ for optimum brightness in 12 and 24 volt systems.		
Power Consumption	20W		
Protection	IP 5K4K (Protection against dust and high-pressure water splash) IP 5K9K (Protection against dust and high-pressure/steam jet cleaning)		
Connector	4 Pole FEP socket (Plug not included)		
Spare Parts	25416300 9.1029.11 4988-P 4988-DT	Adjusters (3, included) Mounting frame (not included) 4 pole FEP plug kit 4 pole FEP to DT adaptor	
Compliance	E1) 4090	ECE R112/01	<u></u>

#### LED 90mm High Beam

LED high beam featuring a generous spread of light. Low power consumption and ultra long life equates to economical running costs compared to a bulb lamp. Exceptional white light output and extremely homogeneous illumination for reduced driver strain which means greater safety. Complete with 3 screw adjusters.





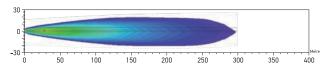






Part Number	1F0 011 988-121			
Mounting	3 point mount, screw adjusters included.			
Voltage	Multivolt™ for optimu	Multivolt™ for optimum brightness in 12 and 24 volt systems.		
Power Consumption	20W			
Protection	IP 5K4K (Protection against dust and high-pressure water splash) IP 5K9K (Protection against dust and high-pressure/steam jet cleaning)			
Connector	4 Pole FEP socket (Plug not included)			
Spare Parts	25416300 9.1029.11 4988-P 4988-DT	Adjusters (3, included) Mounting frame (not included) 4 pole FEP plug kit 4 pole FEP to DT adaptor		
Compliance	(E1) 3831 Ref. 12.5	ECE R112/01	<u></u>	

#### LED 90mm High Beam distance. (m)











Part Number	1N0 011 988-001			
Part Number	1N0 011 988-011 (Daytime Running Lamp/Front Position)			
Voltage	Multivolt™ for optimum brigh	ntness in 12 and 24	volt systems.	
Power Consumption	Fog: 25W Daytime Running Lamp: 15W (1N0 011 988-011 version only) Front Position: 3W (1N0 011 988-011 version only)			
Protection	IP 5K4K (Protection against dust and high-pressure water splash) IP 5K9K (Protection against dust and high-pressure/steam jet cleaning)			
Connector	4 Pole FEP socket (Plug not included)			
Spare Parts	4988-P 4 pole FEP plug kit 4988-DT 4 pole FEP to DT adaptor			
Compliance	Fog: Daytime Running Lamp: Front Position:	(E1) 3831 ECE R87/00 ECE R7/02	ECE R19/03	<u>&amp;</u>

#### LED 90mm Fog Lamp

LED Fog lamp featuring a generous spread of light. Low power consumption and ultra long life equates to economical running costs compared to a bulb lamp. Exceptional white light output and extremely homogeneous illumination for reduced driver strain which means greater safety.



#### P/N 1N0 011 988-011 LAMP FUNCTIONS





Daytime running lamp

Front position

### 90mm Headlamp Plugs, Adaptors and Mounting Frames

Spare parts to suit 90mm headlamps

	9.1029.09 (Mounting frame)				
	9.1029.10 (Mounting frame)				
Part Number	9.1029.11 (Mounting frame)				
Part Number	9.1029.12 (Mounting frame)				
	4988-P (4 pole FEP plug kit)				
	4988-DT (4 pole FEP to DT adaptor)				
To Suit	P/N 4988-P P/Ns 1ML 012 488-011/1F0 011 988-12 /1N0 011 988-001/011 P/N 4988-DT P/Ns 1ML 012 488-011/1F0 011 988-12 /1N0 011 988-001/011 P/N 9.1029.09 P/Ns 1029-24V and 1030-24V P/N 9.1029.11 P/Ns 1ML 012 488-011/1F0 011 988-121 P/N 9.1029.12 P/Ns 1032-G2				



P/N 4988-DT



P/N 9.1029.12



P/N 9.1029.11



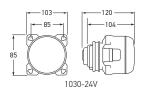


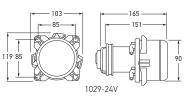
P/N 4988-P

#### H7 Headlamp - 24 Volt

Compact H7 headlamps with glass lens for buses, coaches and mobile homes. Includes headlamp adjusters.











Part Number	1029-24V			LOW BEAM
rait Number	1030-24V			HIGH BEAM
Bulbs to Suit	Low/High Beam: Position:	1 <b>2V</b> CA1255 HL124	<b>24V</b> CA2470 HL244	
Spare Parts	15297700 9GH 152 654-007 8JD 156 150-807 9.1029.09	Headlamp adjuster (Pack of 3) Rear cap Two pole plug with terminals and seals for position lamp Mounting frame		
Compliance	E) 917			











P/N 9GH 152 654-007

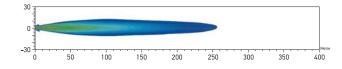


P/N 8JD 156 150-807



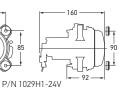
P/N 9.1029.09

#### P/N 1030-24V High Beam distance. (m)













P/N 1030H1-24V

#### H1 Headlamp - 24 Volt

H1 headlamps with die cast aluminium reflector and hardened glass lens.



Part Number	1029H1-24V			LOW BEAM
Part Number	1030H1-24V			HIGH BEAM
Bulbs to Suit	Low/High Beam: Position:	12V C1255 HL124	24V C2470 HL244	
Spare Parts	25416300 Headlamp adjuster (Pack of 3) 9GH 152 654-007 Rear cap 8JD 156 150-807 Two pole plug with terminals and seals for position lamp 9.1029.10 Mounting frame		for position lamp	
Compliance	E1) 2397			











P/N 9.1029.10

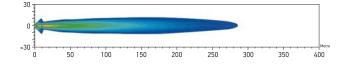
P/N 8JD 156 150-807

P/N 9GH 152 654-007

P/N 25416300

P/N 1030H1-24V

#### P/N 1030H1-24V High Beam distance. (m)



### 7" Round LED Headlamps - High/Low Beam and Daytim

#### - High/Low Beam and Daytime Running Lamp/Front Position

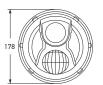
The high/low beam function of the 7" LED headlamp range offers 1150/750 lumen light output and a wide spread creating a superior light distribution increasing peripheral vision. With the added feature of Daytime Running Lamps and Front Position Lamps the 1058LED is a one-stop-shop for all headlight needs, increasing visibility and therefore safety on the road.

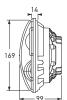
Combining the latest state of the art LED technology, multivoltage 12/24V DC circuit design and precision optics, the retrofit lamps provide outstanding visibility, safety, and durability – making them one of the most advanced 7" LED headlamps available. The tough die-cast aluminium housing is IP 67 sealed against water and dust ingress with a UV resistant, hard coated polycarbonate lens making the HELLA's 7" Round LED Headlamp range perfect for use on and off-road.















Part Number	1056LED	
Mounting	Retrofit 178 Ø (7") headlamp	s
Voltage	Multivolt™ for optimum brigi	htness in 12 and 24 volt systems.
Power Consumption	High Beam: Low Beam:	35W 25W
Light Output	High Beam: Low Beam:	1150 lumen 750 lumen
Protection	Reverse polarity protection. IP 67 (Protection against dus	st and high pressure water jets)
Connection	3 PIN "H4" type male plug (1	00mm cable)
Housing Material	Die-cast Aluminum	
Lens Material	Coated polycarbonate	
Compliance	ECE R112/01 Ref. 12.5	<b>€</b> 1) 7581 <b>▲</b>
Part Number	1058LED (Daytime Runn	ing Lamp/Front Position)
Power Consumption	High Beam: Low Beam: Daytime Running Lamp: Front Position:	35W 25W 15W (1058LED version only) 2W (1058LED version only)
Cable Length	P/N 1058LED has 2 addition for front position and daytim	nal 100mm pre-wired cables with male blade terminals ne running lamp functions.
Compliance	ECE R112/01 Ref. 12.5	(E11) 6081 ECE R87/00 ECE R7/02

#### P/N 1058LED LAMP FUNCTIONS

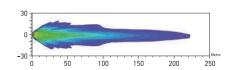
Other specifications as per P/N 1056LED



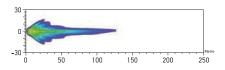


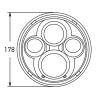
Daytime Running Lamp Front position

#### 1056LED/1058LED High Beam distance. (m)



#### 1056LED/1058LED Low Beam distance. (m)



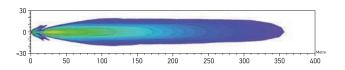






Part Number	1358LED		
Mounting	Retrofit 178 Ø (7") headlamps		
Voltage	Multivolt™ for optimum brightness in 12 and 24 volt systems.		
Power Consumption	60W		
Light Output	1440 lumen		
Operating Temperature	-40°C to 65°C		
Protection	Reverse polarity protection.  IP 67 (Protection against dust and high pressure water jets)		
Cable Length	2 x 100mm cables with male blade terminals.		
Housing Material	Die-cast Aluminum		
Lens Material	Coated polycarbonate		
Compliance	(£4) 7501 ECE R112/01 Ref. 30		

#### 1358LED High Beam distance. (m)



#### 7" Round LED Headlamp - High Beam

The 1358LED lamp features a high beam function with a massive 1440 lumen light output for only 60W. Combining the latest state of the art LED technology, multivoltage 12/24V DC circuit design and precision optics, the retrofit lamps provide outstanding visibility, safety, and durability – making them one of the most advanced 7" LED headlamps available. The tough die-cast aluminium housing is IP67 sealed against water and dust ingress with a UV resistant, hard coated polycarbonate lens making the HELLA's 7" Round LED Headlamp range perfect for use on and off-road.





	Part Number	1016	HEADLAMP HOUSING
Part Number	Part Number	1017	CHROME RIM

#### 7" (178mm) Headlamp Housing

Headlamp housing and chrome rim for halogen or sealed beams and inserts 7" (178mm) in diameter. Fully sealed steel cowl, complete with adjusting mechanism for vertical and horizontal alignment, sealing gasket, stainless steel retaining rim and 3 pin wiring harness with separate park lamp connection. Ideal for truck, bus or body builders. Suits Mercedes, Kenworth, Mack, White etc. Outer chrome rim (P/N 1017) to suit headlamp housing P/N 1016.



#### 7" (178mm) H4 Halogen High/Low Beam Insert

Semi-sealed headlamp with sealing cap.









Part Number	1056			
Bulbs to Suit	Headlamp:	<b>12V</b> XD1260/55	<b>24V</b> XD2475/70	
Compliance	E4 53			
Where front position lamp is required, use P/N 1058.				



Rear view

#### 7" (178mm) H4 Halogen High/Low Beam Insert

Semi-sealed headlamp with front position lamp bulb holder (includes P/N HL124 bulb) and sealing boot.



Part Number	1058			
Bulbs to Suit	Headlamp: Front position:	12V XD1260/55 HL124	<b>24V</b> XD2475/70 HL244	
Compliance	E4 53			



Rear view

#### 7" (178mm) H4 Halogen High/Low Beam Insert - Hardened Glass

High performance Halogen headlamp insert fitted with extremely robust hardened glass lens providing maximum resistance when subjected to high operating temperatures and thermal shock. Ideal for 24 volt and high wattage bulb applications. Supplied complete with sealing boot and front position lamp bulb holder assembly.





Rear view



Part Number	1058HD			
Bulbs to Suit	Headlamp: Front position:	12V XD1260/55 HL124	<b>24V</b> XD2475/70 HL244	
Compliance	(E4) 53			







#### 7" (178mm) H3 Halogen Driving Lamp Insert

Suitable for use as high beam headlamp in most 178mm round headlamp carriers (eg. P/N 1016).



Part Number	9.1358.01			
Bulbs to Suit	12V 24V	YC1255 YC2470		
Compliance	E1) 14529			





Doub Neural au	1016	HEADLAMP HOUSING
Part Number	1017	CHROME RIM

#### 7" (178mm) Headlamp Housing

Headlamp housing and chrome rim for halogen or sealed beams and inserts 7" (178mm) in diameter. Fully sealed steel cowl, complete with adjusting mechanism for vertical and horizontal alignment, sealing gasket, stainless steel retaining rim and 3 pin wiring harness with separate park lamp connection. Ideal for truck, bus or body builders. Suits Mercedes, Kenworth, Mack, White etc. Outer chrome rim (P/N 1017) to suit headlamp housing P/N 1016.



#### 5 ¾" (146mm) H4 Halogen High/Low Beam Insert

Semi-sealed headlamp with front position lamp bulb holder (includes P/N HL124 bulb) and sealing boot. Suitable for dual headlamp systems.









Part Number	1055		
Bulbs to Suit	Headlamp: Front position:	12V XD1260/55 HL124	<b>24V</b> XD2475/70 HL244
Spare Parts	13839700 9GH 126 647-011	Front position bealing boot	bulb holder
Compliance	E1 17031		





Rear view Sealing boot

#### 5 3/4" (146mm) H4 Halogen High/ Low Beam Insert - Hardened Glass

High performance Halogen headlamp insert fitted with extremely robust hardened glass lens, providing maximum resistance when subjected to high operating temperatures and thermal shock. Ideal for 24 volt and high wattage bulb applications. Supplied complete with sealing boot and front position lamp bulb holder assembly.



Part Number	1055HD		
Bulbs to Suit	Headlamp: Front position:	12V XD1260/55 HL124	24V XD2475/70 HL244
Compliance	E1) 17031		





Rear view

#### 5 ¾" (146mm) H1 Halogen Low Beam Insert

Low beam insert with front position lamp bulb holder and sealing boot. Suitable for dual headlamp systems.





Part Number	1054		
Bulbs to Suit	Headlamp: Front position:	12V C1255 HL124	<b>24V</b> C2470 HL244
Spare Part	9GH 113 763-001	Sealing boot	
Compliance	E1 7076		



Rear view







#### 5 ¾" (146mm) H1 Halogen High Beam Insert

Semi-sealed headlamp, for high beam section of dual headlamp systems with sealing boot.



Part Number	1053			
Bulbs to Suit	Headlamp:	<b>12V</b> C1255	<b>24V</b> C2470	
Spare Part	9GH 113 763-001	Sealing boot		
Compliance El 14464				
Earth terminal is a 'Post' (bullet) type connection.				



Rear view Sealing boot

#### 5 ¾" (146mm) H1 Halogen Long Range Driving Insert

Semi-sealed headlamp, for high beam section of dual headlamp systems and sealing boot.

Part Number	1040		
Bulbs to Suit	Headlamp:	<b>12V</b> C1255	<b>24V</b> C2470
Spare Part	9GH 113 763-001	Sealing boot	





#### 165 x 100mm H4 Halogen High/Low Beam Insert

Semi-sealed headlamp and front position lamp with sealing boot.









Part Number	1044		
Bulbs to Suit	Headlamp: Front position:	12V XD1260/55 HL124	24V XD2475/70 HL244
Spare Part	9FF 126 444-001	Front position b	oulb holder
Compliance	E1 7197		



Rear view

#### 165 x 100mm H4 Halogen High/Low Beam Insert

Semi-sealed headlamp with sealing boot and wiring adaptor.



Part Number	1042		
Bulbs to Suit	Headlamp:	12V XD1260/55	<b>24V</b> XD2475/70
Spare Part	9GH 126 647-011	Sealing boot	
Compliance	E1 7197		



#### 165 x 100mm H1 Halogen High Beam Insert

 $\label{eq:Semi-sealed} Semi-sealed\ headlamp\ with\ sealing\ cap.$ 



Part Number	1041		
Bulbs to Suit	Headlamp:	<b>12V</b> C1255	<b>24V</b> C2470
Compliance	E1) 24504		



Rear view

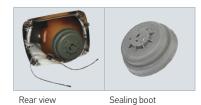
200 x 142mm H4 Halogen High/Low Beam Insert



Part Number	1043		
Bulbs to Suit	Headlamp: Front position:	12V XD1260/55 HL124	<b>24V</b> XD2475/70 HL244
Spare Parts	13839700 9GH 126 647-011	Front position b Sealing boot	ulb holder
Compliance	E1) 17009	E1) 17119	



Semi-sealed headlamp with front position lamp bulb holder (includes P/N HL124 bulb).



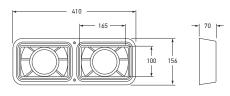
## 

#### Rectangular Headlamp Housing

Suits 200 x 142mm rectangular headlamp units (P/N 1043). Ideal for truck, bus or body builders.



Part Number 1024



Part Number	1025	
Spare Part	9.1025.07	Chrome plated outer rim

#### Twin Rectangular Headlamp Housing

For most 165 x 100mm rectangular headlamp units. Chrome plated outer rim. Complete with adjusting mechanisms for vertical/horizontal alignment and wiring loom. Ideal for truck, bus or body builders.



#### DAF Headlamp. CF65/75/85 LF45/55, XF95/105 01/01-05-13







	HEADLAMP (H1/H7)			
Part Number	1LJ 247 046-071		LH	
	1LJ 247 046-081		RH	
Bulbs to Suit	Low Beam: High Beam:	CA2470 C2470		
Compliance	E1) 1134			

Scania Headlamp, P94 - T164 (series 4) 95-04, P230 - T470 04-on





	HEADLAMP (H4)			
Part Number	1LG 007 150-111	LH		
	1LG 007 150-121	RH		
Bulbs to Suit	Headlamp: Indicator: Position:	XD2475/70 R2421 G2410		
Spare Parts	9ES 144 433-031 9ES 144 434-031 9EL 145 103-011 9EL 145 104-011	Lens, left Lens, right Lens for indicator - left Lens for indicator - right		
Compliance	E1) 111	E4) 276		

#### 5-Series (E39) 09/00 - 06/04

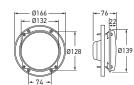




	HEADLAMP (H7/H7) WITH ELECTRIC LEVELLER				
Part Number	1LL 008 053-591	LH			
	1LL 008 053-601		RH		
Bulbs to Suit	Headlamp: Indicator: Position:	CA1255 x 2 RY1221 YL1210			
Spare Part	9DX 153 746-011	Position lamp bulb holder			
Compliance	E1) 1182				







Part Number	1L3 996 002-22	1		
	1L3 996 002-411 (with Front Position)			
Bulbs to Suit	Headlamp: Front Position:	12V XD1260/55 HL124	<b>24V</b> XD2475/70 HL244	
Compliance	<b>€</b> 12 20005			

#### 139mmØ H4 headlamp with Frame



P/N 1L3 996 002-221



P/N 1L3 996 002-411

# LED Combination Headlamp - High/Low Beam and Indicator/ Position

Combination headlamp with all functions in LED technology. For horizontal mounting, with die-cast aluminum housing, lens made of scratch-resistant polycarbonate, with 6-pin DEUTSCH connector, light functions: low and high beam, position light and indicator.









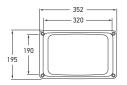


Dord Novel or	1LE 996 374-031 LEFT HAND		
Part Number	1LE 996 374-041 RIGHT HAND		
Mounting	Single bolt mount, upright.		
Voltage	Multivolt™ for optimum brightness in 12 and 24 volt systems.		
Power Consumption	High beam 40W Low beam 25W Indicator 8W Position 1W		
Protection	IP 6K4K (Protection against dust and water splash) IP X9K (Protection against high-pressure jets)		
Connection	6 pole DT socket		
Spare Parts	4963-P 6 pole DT plug, wedge and 6 contacts		
Compliance	(E1) 4079 ECE R112/01 Ref. 12.5 ECE R6/01 ECE R7/02		

#### H4 Halogen High/Low Beam Headlamp Assembly

Lamp unit, lens dimensions 352 x 195mm, complete with mounting frame and adjusting mechanisms for vertical and horizontal alignment. Fully enclosed housing with removable rear sealing cap for bulb replacement access. Ideal for truck, bus or body builders.











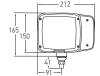
Part Number	1027		
Mounting	Simple four point mounting.		
Bulbs to Suit	Headlamp: Front position:	12V XD1260/55 HL124	<b>24V</b> XD2475/70 HL244
Spare Parts	9.1027.01 9.1027.02 9.1027.04	Clear lens Reflector Sealing cap	
Compliance	E1 17016		

#### External Headlamp





8JD 008 151-051









	HEADLAMP (H7/H3)				
Part Number	1LA 993 975-07	LH			
	1LA 993 975-081		RH		
Bulbs to Suit	Dipped Beam: Main Beam: Indicator: Position:	CA2470 YC2470 R2421 HL244			
Protection	IP X9K (Protection	against high pressure steam/jet cleaning)			
Spare Parts	1LA 990 185-011 9EL 990 186-001 9EL 990 186-101	Light unit Lens for indicator lamp, front Lens for indicator lamp, rear			
Accessories	8JD 008 151-051	Socket for AMP plug connector			
Compliance	E4) 9496				

#### **Bulb Connectors**

Plug with pre-installed leads and crimp connectors (H1 and H7). Adapts to original wiring by crimp connector and heat shrink insulator, H4 version with 200mm leads (no connectors).

Part Number	4972-H1	Н1
	4972-H4	Н4
	4972-H7	H7





P/N 4972-H7

P/N 4972-H1

#### HID Gas Discharge (G3) Power Pack

Part Number	5DV 007 760-631	12 VOLT
	5DV 007 810-171	24 VOLT
To Suit	Bulb P/Ns D2S and D2R.	



#### HID Gas Discharge (G4) Power Pack

Part Number	5DV 008 855-001	12 VOLT
	5DV 008 856-001	24 VOLT
To Suit	Bulb P/Ns D1S and D1R.	



#### HID Gas Discharge Ignitor

Part Number	5DD 008 319-501	12/24 VOLT
To Suit	Bulb P/Ns D2S and D2R	

