HELLA

Technology with Vision

SUB-SAHARA AFRICA
PARTS CATALOGUE
2016 / 2017

HELLA LED Matrix Beam

HELLA and AUDI proudly presented the world's first Matrix LED headlight with the glare-free high beam in the AUDI A8

The heart of the Matrix LED headlights is the mechanic free glare-free high beam. This allows the driver to travel in his vehicle with a permanent high beam without risk of dazzling oncoming traffic or any preceding vehicles. By means of a camera, oncoming and preceding traffic are detected and then, by the shutting down or dimming of individual LEDs, these vehicles are blanked out of the field of high beam light distribution in real time. The implementation of Matrix technology allows, for the first time, several tunnels to open simultaneously. One example of this is the scenario where several oncoming vehicles are driving one behind the other. While these are "masked out", the high beam continues to illuminate all the areas between the vehicles and to the right and left of them at full power. As soon as no vehicle is any longer in the driver's field of vision, the system once again reverts to full high beam lighting. In addition to the specific masking out of other vehicles, the light cone of the Matrix high beam also adapts to the driving situation, for instance in the case of negotiating bends when the dynamic bending light function is required. In such a situation, the intensity of the light cone can be varied on the sides or it can be focused on the middle of the road. Consequently the driver's visibility at night improves dramatically while, at the same time, the risk of dazzling oncoming traffic is eliminated.

Such a function is technically possible thanks to the splitting up of the high beam into five reflectors, each one having a chip containing 5 LEDs. For the first time ever, the lighting expert, HELLA, has now succeeded in operating every LED on the 5-segment chip separately, whereby a total of 25 LEDs per headlight can be operated on full power or lowered as and when required.

Welcome to the HELLA Automotive South Africa (Pty) Ltd 2015 - 2016 Aftermarket Catalogue for Sub-Sahara Africa

Our 2016 - 2017 catalogue offers a comprehensive range of innovative lighting, electrics, electronics and thermal management products for the independent aftermarket sector.

Since the launch of our first LED automotive center high mounted stop lamp in the early 1990's, HELLA's design and commitment to excellence continues to set new standards. HELLA's innovative solutions have become the benchmark for the road transport industry with lamps to suit the most demanding environmental conditions.

When you select a HELLA LED based product you know that functional safety, a perfect fit and long term product durability are guaranteed.

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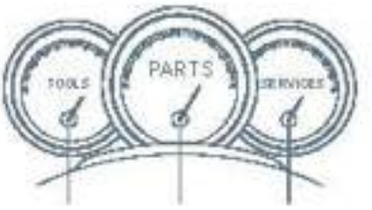

Our catalogue provides you with an overview and detail of our wide range of products.

Finding your way around the catalogue is easy with clear section headings on each page, a consistent style and user-friendly display of all product information. The coloured bars in the contents page match the quick-finder at the side, helping you to find the products easily.

For reference by part number, refer to the index at the rear of the catalogue.

Note: This catalogue is aimed at providing a summary of more popular products in sub-Sahara Africa, but only covers a limited number of our complete product portfolio. For the full range please visit our local website and / or international websites

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HELLA KGaA Hueck & Co.

Technology with Vision

HELLA KGaA Hueck & Co. is a global, independent family-owned company with more than 30,000 employees at some 100 locations in more than 35 countries. HELLA develops lighting technology and manufactures electronic components as well as complete vehicle modules, air-conditioning and vehicle electric systems for the automotive industry.

HELLA's Aftermarket Parts Range cover more than 33,000 products. In South Africa, HASA (HELLA Automotive South Africa) provides a robust sub-Sahara support infrastructure. With a modern warehouse facility located in Port Elizabeth, HASA offers local expertise with global network support.

Global Network

NAFTA/South America

Brazil	■
Mexico	■ △ ○
USA	■ △ ○

LEGEND

■ Sales
△ Production
○ Development

Europe

Austria	■ △ ○	Greece	■	Slovakia	△ ○
Belgium	■	Hungary	■	Slovenia	△ ○
Bosnia-Herzegovina	■ △	Ireland	■	Spain	■ △
Czech Republic	■ △ ○	Italy	■	Switzerland	■
Denmark	■	Netherlands	■	Turkey	■
Finland	■ △ ○	Norway	■		
France	■ △ ○	Russia	■		
Germany	■ △ ○	Poland	■		
Great Britain	■	Portugal	■		
		Romania	△ ○		

Africa

South Africa	■

Asia/Pacific

Australia	■ △ ○
China	■ △ ○
Dubai	■
India	■ △ ○
Japan	■
New Zealand	■ △ ○
Philippines	■ △
Singapur	■
South Korea	■ △ ○
Vietnam	○

Business Segments

Automotive

Lighting
- Headlamps
- Rear Lamps
- Single Function Lamps
- Interior Lighting
- Lighting Electronics

Electronics
- Body Electronics
- Energy Management
- Driver Assistance Systems
- Sensors
- Actuators
- Electric Power Steering

Aftermarket

Parts
- Wearing Parts
- Spare Parts
- Chassis Parts
- Consumables
- Accessories

Tools
- Vehicle Diagnostics
- AC Service
- Lighting Service
- Battery Service
- Tools and Equipment

Services
- Technical Service
- Workshop Concepts
- Sales Support
- Logistics

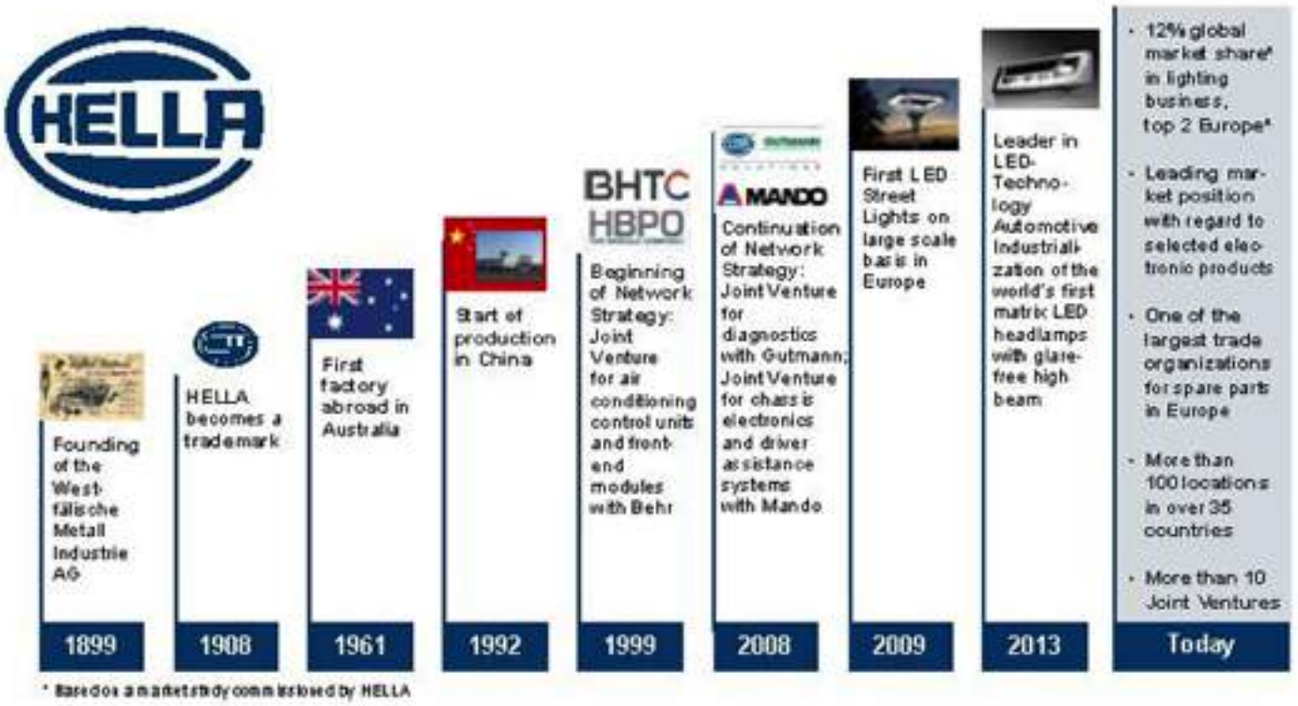
Special Applications

Special OE
- Original Equipment for Commercial Vehicles, e.g. Buses, Caravans, Heavy Duty Machinery with Lighting and Electronics

Industries
- Street Lighting
- Airport Lighting
- Interior Lighting
- Industry Lighting
- People Counter

History

1899 - 2015: Milestones



* Based on a market study commissioned by HELLA

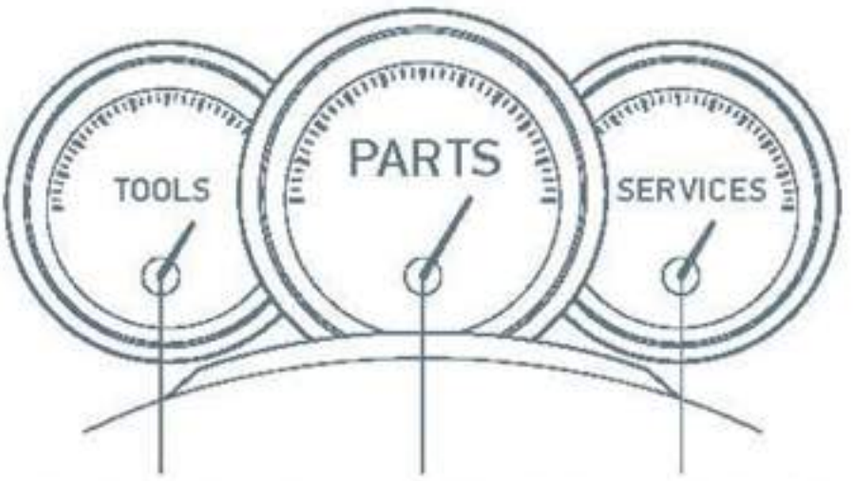
HELLA Automotive South Africa (Pty) Ltd.
Focused on Africa

In South Africa the HELLA brand name can be traced to the mid-1950s. In 1967 a factory under the HELLA banner opened in the Eastern Cape town of Uitenhage - located along the eastern coast of Southern Africa.

In December 2008 a new entity was born, HELLA Automotive South Africa (HASA), a wholly owned subsidiary of the HELLA Group. With the change came a new sales company infrastructure located in the Nelson Mandela Bay Logistics Park on the outskirts of Uitenhage. The company's warehouse facility is located some 30 km away in the harbour city of Port Elizabeth - well positioned to optimise operational costs in answer to customer needs in sub-Sahara Africa.

We speed up the success[3] of IAM related businesses like wholesalers, importers, retail, garages, as well as SOE related businesses such as mining operations, any kind of fleet operation, or manufacturers of construction equipment, trailers, buses, caravans and many more.

In Africa customer satisfaction is a clear goal rooted in our basic values of entrepreneurial spirit, teamwork, sustainability and focus on performance, speed, innovation, integrity and exemplary conduct. These values shape HASA's vision and mission to exceed customer, supplier, business partner and shareholder expectations – today and into the future.



Accelerate your success with parts, tools and services from HELLA – single-source expertise.

HELLA Means Business

HELLA Automotive South Africa (HASA) delivers a comprehensive range of products together with high levels of service and support in its sub-Sahara domain. We combine the benefits of a global infrastructure with local knowledge and expertise to the advantage of our customers.

The HELLA brand is recognised globally as a leading supplier of innovative, quality products to the world's leading vehicle OEMs (Original Equipment Manufacturers), as well as to the Independent Aftermarkets (IAM), Special Original Equipment (SOE), Mining, Marine and special application markets.

Under the heading of Tools, Parts and Services, consider the potential of business growth opportunities through product range expansion as a first step. HELLA offers over 40 000 part numbers in the product groups of Lighting, Electrics, Electronics and so much more, including Thermal Management and Workshop Equipment.

Supply chains from manufacturing plants throughout the world and in South Africa are stream-lined to ensure accelerated product delivery schedules to HASA's customers in sub-Sahara markets. We target nothing less than an availability rate of 95%.

THE HELLA Brand Confirms HELLA Quality

HELLA brand quality offers meaningful added value across a wide range of products, be it auxiliary lights, worklights or accessories. The brand name is synonymous with innovation and intelligent design, all key features that entrenches the HELLA brand leadership qualities .

Whether it involves passenger vehicles, trucks, trailers, construction machinery, tractors, cranes, fork lift trucks, rescue vehicles, special purpose vehicles, vintage-, classic- or modern vehicles, the HELLA brand is recognised worldwide as a leading original (OE) and aftermarket supplier.

HELLA's OE manufacturer and supplier leadership position covers a wide range of products - reflecting cutting-edge, state-of-the-art technology. With over 5,800 people working in research and development, HELLA continues to be a leading innovator that drives the market - as always HELLA expertise comes shining through.

Did you know?
Hella integrates over 364,000,000 LEDs per year.

LIGHTING // Simulations and calculations have been used to assist in the development on headlamps for years. However, they cannot replace the illuminating and realistic impression that Europe's largest light testing facility in Lippstadt, Germany provides.

Using this Catalogue
Terminology and Symbols Guide

LED Technology

Cutting-edge product designs can only be realised by applying the best possible technological expertise. Long-term experience in electronics, thermal engineering and design ensure that LED headlights and lighting systems are developed with consistently high lighting performance.

By constantly developing and enhancing the options and areas of applications for LEDs, HELLA is not only involved in definitively shaping the LED era, but is also making a significant contribution toward increasing active safety.

The technical, economic and safety-related advantages of LEDs speak for themselves:

- High service life
- No downtimes or assembly times
- Minimal energy consumption
- Wear-free and maintenance-free
- Higher effective visibility
- Dust and water-resistant
- Compact sizes
- Rapid response times
- New scope for design

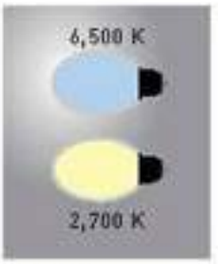
What do watt, Kelvin, lux and lumen mean?

Watt (W): Unit of measurement of electrical power
Kelvin (K): Unit of colour temperature
Lumen (lm): Unit of luminous flux, a measure of the total amount of visible light emitted by a source
Lux (lx): Unit of illuminance, a measurement of the light intensity at any point emitted in a given direction

Lux is an important specification of a lighting product because it indicates how much light reaches the intended area and the intensity of that light.

Lumen (lm)

Lux (lx)



Kelvin (K)

IP Degrees of Protection Definition

IP stands for International Protection, the IP degrees of protection are determined by DIN 40050 part 9. This standard exists to specify the exact protection of electrical equipment against penetration by solid foreign matter, including dust and water. The exact degree of protection is achieved by various tests.

eg: The IP rating of the Bar Hawk LED is listed as IP 6K 9K.
This means dust tight and protected from high pressure cleaning.

First numeral
6K – Protection against the ingress of solid foreign objects (table 1)

Second numeral
9K – Protection against the ingress of water (table 2)

Table **1**:
Protection against the ingress of solid foreign objects (including dust)

X..... not tested
0..... not protected
1..... solid foreign objects greater than or equal to 50 mm
2..... solid foreign objects greater than or equal 12.5 mm
3..... solid foreign objects greater than or equal 2.5 mm
4..... solid foreign objects greater than or equal 1.0 mm
5 and 5K.... dust protected
6 and 6K.... dust tight

Table 2:
Protection against the ingress of water

X..... not tested
0..... not protected
1..... vertical dripping
2..... dripping (inclined 15°)
3..... spraying
4..... splashing
4K..... same with increased pressure
5..... jetting
6..... powerful jetting
6K..... same at increased pressure
7..... temporary immersion
8..... continuous immersion
9K..... high pressure/steam jet cleaning

Fit and Forget by Design is your peace of mind of purchasing a product which is designed to stand the test of time, without compromise.

5 Year Limited Warranty on the entire product, including LEDs, housing and lens material.

5 Year Limited Warranty on the LEDs.

Reverse Polarity Protection

Transient Spike Protection

Short-Circuit Protection

Indicates the Operating Temperature

Indicates the Power Supply (Voltage)

Indicates the type of Approval

Indicates the type of Technology the product uses

Electromagnetic Compatibility

IP Degrees of Protection Type

Flexible Mounting Options

Lens Material - Grilamid

Other symols used in this catalogue:

Lighting the Way
Understanding Light and Power

Effective Lumens (Measured)

Effective lumens is an actual measurement of light output that takes into account all of the real world losses like thermal and optical losses, the current used to drive the LEDs, and assembly variations. Measuring the effective lumen output of a light requires the use of high-tech photometry equipment.

Because of the cost and expertise involved in conducting photometric testing, some manufacturers opt to cut corners and use the theoretical raw lumen numbers. This makes it very difficult to make an apples-to-apples comparison between lights, and often results in consumers receiving less useable light than what's advertised.

Raw Lumens (Calculated)

The raw lumen output of a light is actually a theoretical value rather than an actual measure of useful light output. Manufacturers calculate raw lumens by taking the number of LEDs in a light and multiplying that by their maximum output rating. For example, if a light uses 10 LEDs that have a maximum output rating of 100 lumens, the raw lumen output would be 1,000 lumens.

Remember: Raw Lumen is the maximum output rating of the component LEDs. Effective Lumen is the actual amount of light output after all the real world losses have been taken into account.

Radiation Intensity

Light Distribution Should Be Considered Objectively.

Different applications require different auxiliary lights. The Isolux diagrams show a comparison of light distributions. The red-orange colouring marks the area with high illumination intensity. From yellow through green to blue, the illumination intensity decreases depending on distance. Fog light radiation is wide but not over a long distance (to avoid, as far as possible, reflection through fog droplets).

The Lux Unit

As a unit of illuminance, Lux defines the luminous flux from a light source that hits a specified surface. For example, an office should be illuminated with at least 500 Lux and with just 1 Lux the human eye can read a newspaper without any problem. The values along the Lux bar show where the respective illuminance is achieved in the light distribution diagrams.

The High-Boost Reflector

High-boost reflectors are specially developed by HELLA to provide maximum light output. Compared to standard commercial auxiliary lights of similar size, HELLA auxiliary lights with high-boost reflectors deliver a much higher degree of efficiency with improved light output.

The "Ref." Reference Number

The reference number is a value applicable to spotlights. According to the ECE Regulation in effect since 2009, the sum of the reference numbers of all the installed headlights must not exceed the upper limit of 100 per vehicle. The two values of the standard high beam (left and right main headlights) plus the values of any other extra spotlights are added together. The reference number of HELLA spotlights as well as the E-type approval mark can be found in the catalogue for each model. A high beam with a 17.5 reference number emits a wide and full beam, but not as much as a high beam with a 37.5 reference number. A high beam Ref. 37.5 is therefore ideal for long, straight distances, while a high beam Ref. 17.5 can illuminate curved routes (especially mountainous areas) better.

Note: In some countries, a maximum high beam power of only 75 (reference value)

may be connected. In those countries, the high beam integrated into the vehicle must be inoperative when using the Ref. 37.5 high beam; however, the Ref. 17.5 high beam can generally be connected in addition.

ECE & SAE Approvals

ECE Approval: The World Forum of Vehicle Regulations is a working party of the United Nations Economic Commission of Europe (ECE). It is tasked with creating a uniform set of regulations for vehicles, which makes them legal on the streets of participating countries.

SAE Approval: The USA has its own set of standards, which are called the Federal Motor Vehicle Safety Standards (FMVSS), which are based on proposals of the Society of Automotive Engineers (SAE). The USA does not recognize ECE approvals. Canada has its own Canada Motor Vehicle Safety Standards (CMVSS), broadly similar to FMVSS, but Canada does also accept ECE-compliant headlamps.

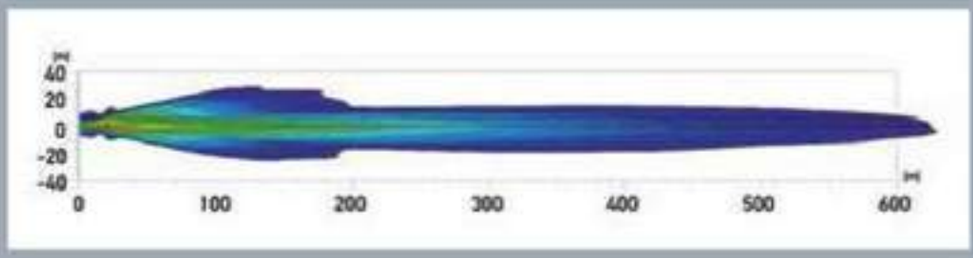
SAB & Local Regulations:

Check your local regulations before installing any lights on your vehicle. All information is subject to change and can be altered at any time.

Spotlights
Illumination and Isolux diagrams

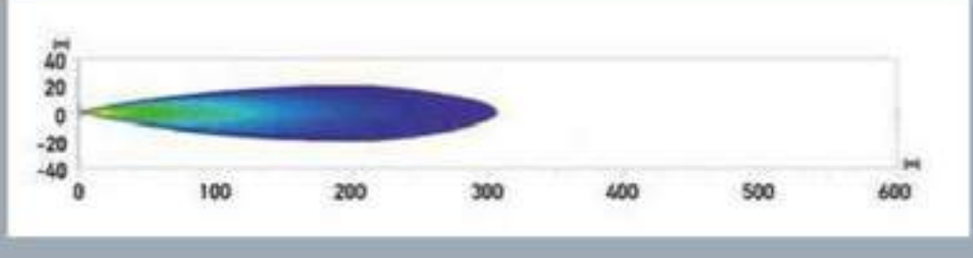
Using Isolux diagrams, we can illustrate and compare light distributions. The red-orange colour indicates the area of high intensity illumination, the illuminance falls from yellow to green to blue depending on the distance from the light source.

Luminator LED
with Ref. 40



Luminator X LED
with Ref. 37.5

Bar Hawk LED
with Ref. 20



HELLA

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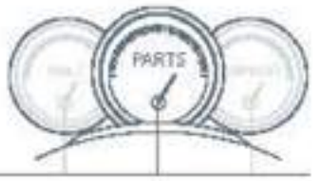


Auxiliary Spotlights & Fog Lights

Bar Hawk LED (Ref. 20)

- Fit & Forget Design
- 5 Year Product Warranty
- IP 6K7 & IP 6K9K Protection Class

Light output (calculated): 2,200 lumen, power requirement: 25 W, light source from 12 LED modules, multi-voltage (12-24 V), polycarbonate lens material, 2,500mm two-pole connection lead, fixing brackets allow for flexible mounting, thermoconductive plastic housing ensures effective heat dissipation of LED electronics & prevents corrosion, reverse polarity & transient spike protection, weight of 690g, ECE-E24 0008 approved.

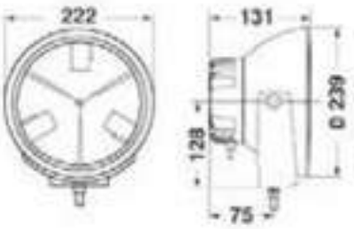
Description	Part Number	Short Code
Bar Hawk LED Light Bar	1FJ-958040-021	A1395
Accessories		
Universal Wiring Harness Kit	8KB-923001-001	KB9231

Luminator LED (Ref. 40)

- Optics Free Lens for Modern Design
- Low Power Consumption
- Long Range Light Beam

Light output (measured): 1,500 lumen, power requirement: 30/1 W, light source from 3 LED modules, multi-voltage (9-34 V DC), colour temperature of 6,000 K, operating temperature of -40 °C to +60 °C, matt-black powder-coated metal housing, free-form technology reflector, polycarbonate lens material, IP 6K9K protection class, die-cast aluminium bracket, weight of 2,800g, ECE approved.

Description	Part Number	Short Code
Luminator LED	1FB-011002-001	A2001
Accessories		
Clear Cover	8XS-007560-141	8141
White Cover	8XS-147945-011	Z147945
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Spotlight Replacement Insert	1FB-181541-011	Z1541

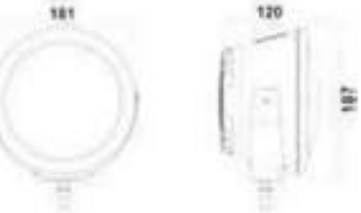


Luminator Compact LED (Ref. 45)

- Short Time Submersibility
- Low Power Consumption
- Long Range Light Beam

Light output (measured): 650 lumen, power requirement: 11 W, light source from 2 LED modules, multi-voltage (9-34 V DC), operating temperature of -40 °C to +60 °C, DT connector, impact resistant polycarbonate lens material, reverse polarity / surge / overheating protection, IP 6K7 & IP 6K9K protection class, heavy duty die-cast aluminium bracket, weight of 2,190g, ECE approved.

Description	Part Number	Short Code
Luminator Compact LED	1F3-011815-001	A5001
Accessories		
Clear Cover	8XS-008155-011	8155
White Cover	8XS-165048-001	Z165048
Universal Wiring Harness Kit	8KB-923001-001	KB9231

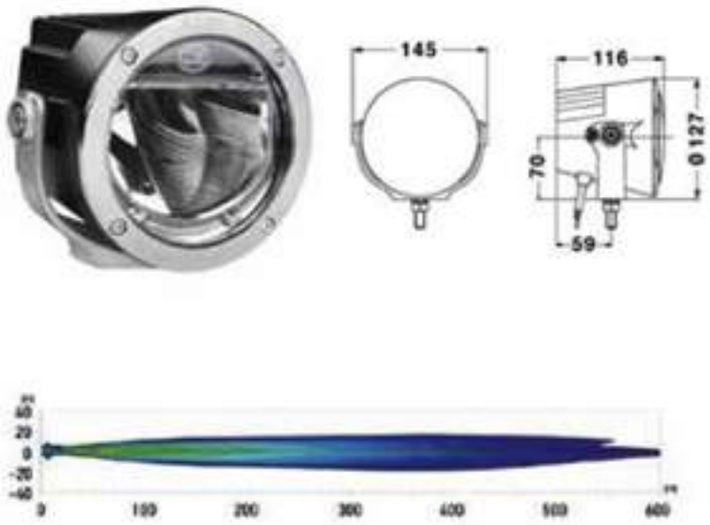


Luminator X LED (Ref. 37.5)

- Intergrated electronics and fins for passive cooling
- Computer-calculated double-reflector technology
- Long Range Light Beam

Light output (measured): 650 lumen, power requirement: 40 W, light source from 2 LED modules, multi-voltage (9-34 V DC), operating temperature of -40 °C to +60 °C, DT connector, rugged metal housing and sturdy holder featuring 4-screw adjusting system for high vibration resistance, polycarbonate lens material, reverse polarity / surge / overheating protection, IP 6K7 & IP 6K9K protection class, die-cast aluminium bracket, weight of 1,170g, ECE E4 0417 approved.

Description	Part Number	Short Code
Luminator X LED	1F0-012206-001	A2201
Accessories		
Universal Wiring Harness Kit	8KB-923001-001	KB9231



Luminator Xenon (Ref. 37.5)

- Optics Free Lens for Modern Design
- Chrome Retaining Ring
- Internal Ballast for Mounting Flexibility

Voltage 12 / 24 V, power requirement: 35 W, light source: D1S xenon capsule, ballast unit: Generation 4 integrated ballast, optics: reflector, glass lens material, black powder-coated die-cast aluminium housing, die-cast aluminium bracket, weight of 3,800g, IP E approved.

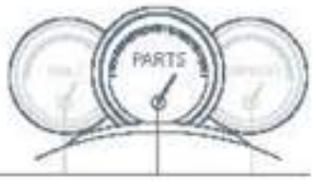
Description	Part Number	Short Code
Luminator Xenon - 12 V	1F8-007560-721	A1272
Luminator Xenon - 24 V	1F8-007560-731	A1273
Accessories		
Clear Cover	8XS-007560-141	8141
Universal Wiring Harness Kit	8KB-923001-001	KB9231
HID Xenon D1S Bulb	8GS-009028-621	08621
Spotlight Replacement Insert	1F8-179055-621	A5021

Luminator Compact Xenon (Ref. 37.5)

- Optics Free Lens for Modern Design
- Chrome Retaining Ring
- Internal Ballast & Compact Size for Mounting Flexibility

Voltage 12 V, power requirement: 35 W, light source: D1S xenon capsule, ballast unit: Generation 4 integrated ballast, optics: reflector, glass lens material, black powder-coated die-cast aluminium housing, die-cast aluminium bracket, weight of 2,400g, ECE approved.

Description	Part Number	Short Code
Luminator Compact Xenon	1F8-009094-311	A4811
Accessories		
Clear Cover	8XS-007560-141	8141
White Cover	8XS-147945-011	Z147945
Universal Wiring Harness Kit	8KB-923001-001	KB9231
HID Xenon D1S Bulb	8GS-009028-621	08621
Spotlight Replacement Insert	1F8-161825-671	A5071

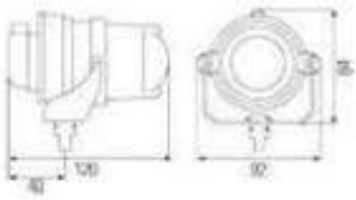


DE Xenon Premium Set (Ref. 17.5)

- Trim Ring
- Includes Ballast
- Black housing with steel bracket

Voltage 12 V, power requirement: 35 W, light source: D2S gas discharge lamp, ballast unit: included, optics: DE reflector, light aperture: Ø 40 mm, driving beam pattern glass lens material, black housing, steel bracket, weight of 1,100g, ECE approved.

Description	Part Number	Short Code
DE Xenon Premium Set	1FD-008390-821	A8821
Accessories		
Universal Wiring Harness Kit	8KB-923001-001	KB9231
HID Xenon D2S Bulb	8GS-007949-251	G9251

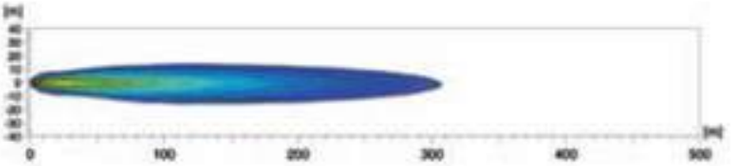


D2S DE Xenon Spotlight Set (Ref. 17.5)

- Trim Ring
- Includes Ballast
- Black housing with steel bracket

Voltage 12 V, power requirement: 43 W, light source: D2S gas discharge lamp, ballast unit: included, optics: DE reflector, light aperture: Ø 40 mm, driving beam pattern glass lens material, black housing, steel bracket, weight of 1,100g, ECE approved.

Description	Part Number	Short Code
D2S DE Xenon Spotlight Set	1FD-008390-801	A8801
Accessories		
Universal Wiring Harness Kit	8KB-923001-001	KB9231
HID Xenon D2S Bulb	8GS-007949-251	G9251

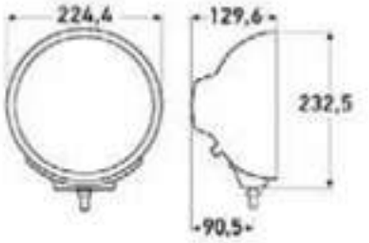


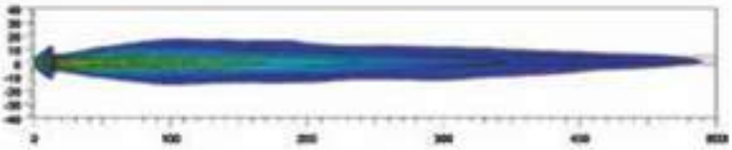
Luminator Metal - Clear Lens with P/L (Ref. 37.5)

- With Position Light (P/L)
- Clear Glass Lens
- Designed for the Most Extreme Driving Conditions

Voltage 12 / 24 V DC, power requirement: 55 W, light source: H1 + W5W bulbs (not included), optics: reflector / lens, male connector, matt-black powder-coated die-cast zinc housing, die-cast zinc bracket, glass lens material, knurled knobs for fast lamp adjustments, pencil beam pattern, weight of 2,600g, ECE approved.

Description	Part Number	Short Code
Luminator Metal - Clear Lens with P/L	1FB-007560-301	A1300
Accessories		
Clear Cover	8XS-007560-141	8141
White Cover	8XS-147945-011	Z147945
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	8GH-178560-692	G6692DM+
Spotlight Replacement Insert	1FB-162870-011	A2012



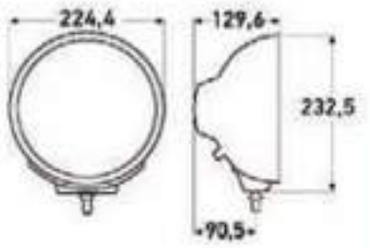


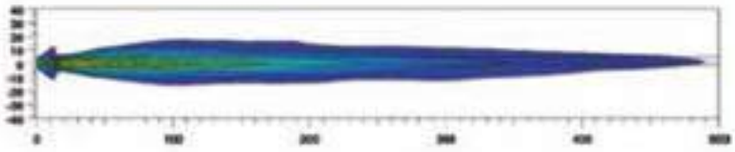
Luminator Metal (Ref. 37.5)

- Pencil Beam Pattern
- Clear Glass Lens
- Designed for the Most Extreme Driving Conditions

Voltage 12 / 24 V DC, power requirement: 55 W, light source: H1 bulb (not included), optics: reflector / lens, male connector, matt-black powder-coated die-cast zinc housing, die-cast zinc bracket, glass lens material, knurled knobs for fast lamp adjustments, pencil beam pattern, weight of 2.500g, EC E approved.

Description	Part Number	Short Code
Luminator Metal	1FB-007560-351	A1302
Accessories		
Clear Cover	BIS-007560-141	B141
White Cover	BIS-147945-011	Z147945
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	BDH-178560-692	066920M+



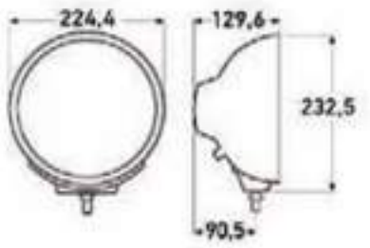


Luminator Metal CELIS® (Ref. 17.5)

- Clear Glass Lens
- Designed for the Most Extreme Driving Conditions
- With CELIS® LED Position Light

Voltage 12 / 24 V DC, power requirement: 55 W, light source: H1 bulb (not included) + CELIS® LED, optics: reflector / lens, male connector, matt-black powder-coated die-cast zinc housing, die-cast zinc bracket, glass lens material, knurled knobs for fast lamp adjustments, euro beam pattern, weight of 2,800g, ECE approved.

Description	Part Number	Short Code
Luminator Metal CELIS®	1FB-007560-201	A7501
Accessories		
Clear Cover	BIS-007560-141	B141
White Cover	BIS-147945-011	Z147945
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	BDH-178560-692	066920M+
Spotlight Replacement Insert	1FB-161326-011	A8261

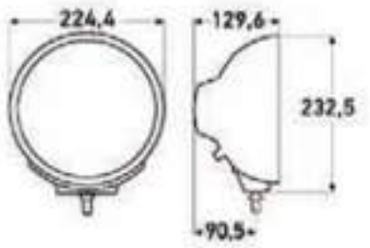


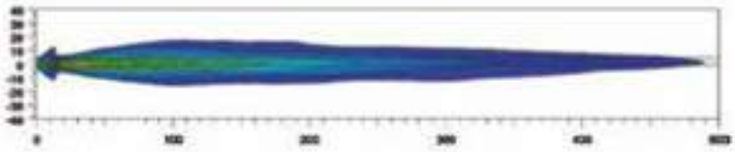
Luminator Chromium (Ref. 37.5)

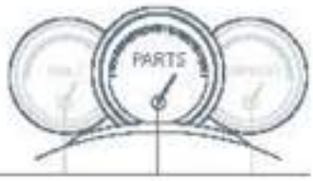
- With Position Light (P/L)
- Clear Glass Lens
- Designed for the Most Extreme Driving Conditions

Voltage 12 / 24 V DC, power requirement: 55 W, light source: H1 + W5W bulbs (not included), optics: reflector / lens, male connector, high-gloss chrome die-cast zinc housing, die-cast zinc bracket, glass lens material, knurled knobs for fast lamp adjustments, pencil beam pattern, weight of 2,600g, EC E approved.

Description	Part Number	Short Code
Luminator Chromium	1FB-007560-311	A1301
Accessories		
Clear Cover	BIS-007560-141	B141
White Cover	BIS-147945-011	Z147945
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	BDH-178560-692	066920M+
Spotlight Replacement Insert	1FB-162870-011	A7012





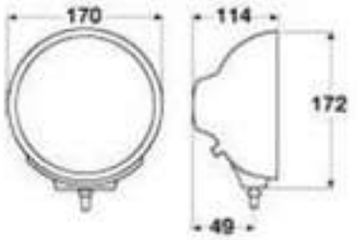


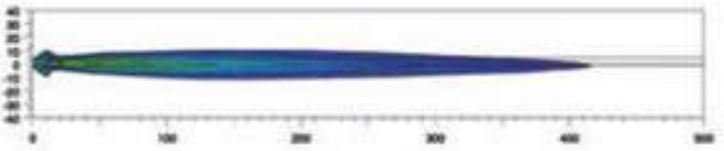
Luminator Compact Metal (Ref. 37.5)

- Optimised Free-Form Reflector
- Clear Glass Lens
- 24% Smaller than Luminator Metal

Voltage 12 / 24 V DC, power requirement: 55 W, light source: H1 bulb (not included), optics: reflector, wire leads connection, matt-black powder-coated die-cast zinc housing, die-cast zinc bracket, glass lens material, knurled knobs for fast lamp adjustments, pencil beam pattern, weight of 1,500g, ECE approved.

Description	Part Number	Short Code
Luminator Compact Metal	1F8-009094-021	A9094-2
Accessories		
Clear Cover	8XS-008155-011	8155
White Cover	8XS-165048-001	Z165048
Universal Wiring Harness Kit	9KB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	8GH-178560-692	G6692DM+
Spotlight Replacement Insert	1F8-161825-011	S9011



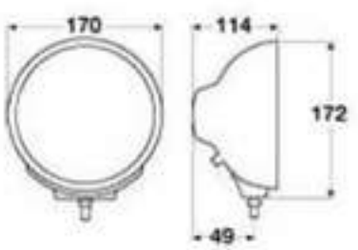


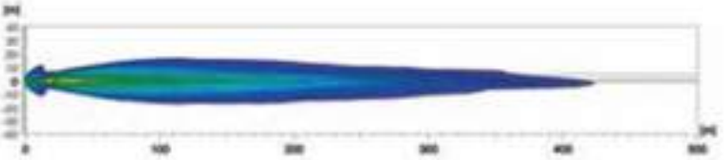
Luminator Compact Chromium (Ref. 37.5)

- Optimised Free-Form Reflector
- Clear Glass Lens
- 24% Smaller than Luminator Chromium

Voltage 12 / 24 V DC, power requirement: 55 W, light source: H1 bulb (not included), optics: reflector, wire leads connection, high-gloss chrome die-cast zinc housing, die-cast zinc bracket, glass lens material, knurled knobs for fast lamp adjustments, driving beam pattern, weight of 1,500g, ECE approved.

Description	Part Number	Short Code
Luminator Compact Chromium	1F8-009094-031	A9094-3
Accessories		
Clear Cover	8XS-008155-011	8155
White Cover	8XS-165048-001	Z165048
Universal Wiring Harness Kit	9KB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	8GH-178560-692	G6692DM+
Spotlight Replacement Insert	1F8-161825-011	S9011



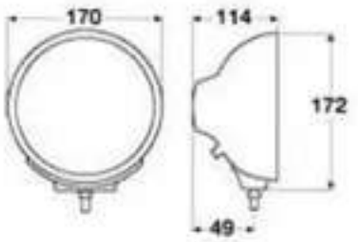


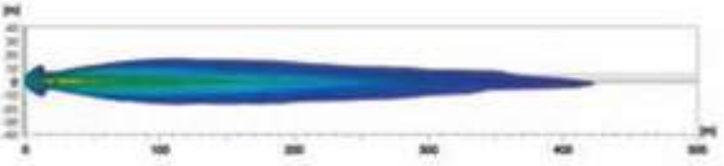
Luminator Compact Chromium CELIS® (Ref. 37.5)

- Optimised Free-Form Reflector
- With CELIS® LED Position Light
- 24% Smaller than Luminator Chromium

Voltage 12 / 24 V DC, power requirement: 55 W, light source: H1 bulb (not included) + CELIS® LED, optics: reflector, wire leads connection, high-gloss chrome die-cast zinc housing, die-cast zinc bracket, glass lens material, knurled knobs for fast lamp adjustments, driving beam pattern, weight of 1,600g, ECE approved.

Description	Part Number	Short Code
Luminator Compact Chromium CELIS®	1F1-009094-051	A9094-5
Accessories		
Clear Cover	8XS-008155-011	8155
White Cover	8XS-165048-001	Z165048
Universal Wiring Harness Kit	9KB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	8GH-178560-692	G6692DM+
Spotlight Replacement Insert	1F1-161825-021	Z9021



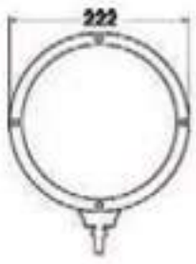


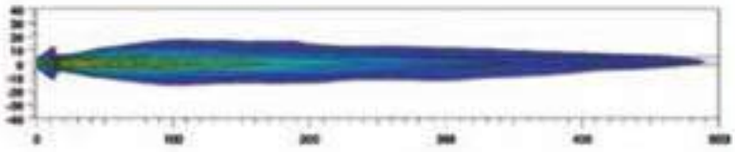
Rallye 3003 (Ref. 37.5)

- Pencil Beam Pattern
- Clear Glass Lens
- With Position Light

Voltage 12 / 24 V, power requirement: 55 W, light source: H1 + W5W bulbs (not included), optics: reflector, wire leads connection, black ABS housing with silver bezel and black accent stripes, steel bracket, glass lens material, with position light, pencil beam pattern, weight of 1,350 g, ECE approved.

Description	Part Number	Short Code
Rallye 3003	**1FB-009797-021**	**A3003**
Accessories		
Clear Cover	8XS-007560-141	8141
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	8GH-178560-692	066920M+
Spotlight Replacement Insert	1FB-162870-011	A7012



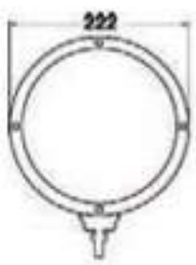


Rallye 3003 (Ref. 17.5.)

- Driving Beam Pattern
- Clear Glass Lens
- With Position Light

Voltage 12 / 24 V, power requirement: 55 W, light source: H1 + W5W bulbs (not included), optics: reflector, wire leads connection, black ABS housing with silver bezel and black accent stripes, steel bracket, glass lens material, with position light, pencil beam pattern, weight of 1,350 g, ECE approved.

Description	Part Number	Short Code
Rallye 3003	**1FB-009797-121**	**A3004**
Accessories		
Clear Cover	8XS-007560-141	8141
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	8GH-178560-692	066920M+
Spotlight Replacement Insert	1FB-165947-011	A4711

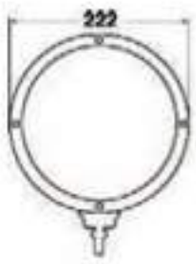


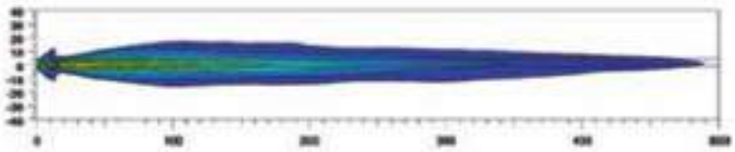
Rallye 3003 Chrome Bezel (Ref. 37.5)

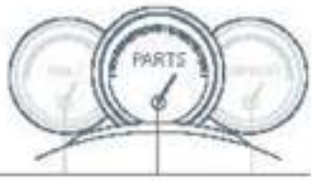
- Pencil Beam Pattern
- Clear Glass Lens
- With Position Light

Voltage 12 / 24 V, power requirement: 55 W, light source: H1 + W5W bulbs (not included), optics: reflector, wire leads connection, black ABS housing with high-gloss chrome bezel and black accent stripes, steel bracket, glass lens material, with position light, pencil beam pattern, weight of 1,350 g, ECE approved.

Description	Part Number	Short Code
Rallye 3003 Chrome Bezel	**1FB-009797-101**	**A3007**
Accessories		
Clear Cover	8XS-007560-141	8141
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	8GH-178560-692	066920M+
Spotlight Replacement Insert	1FB-162870-011	A7012





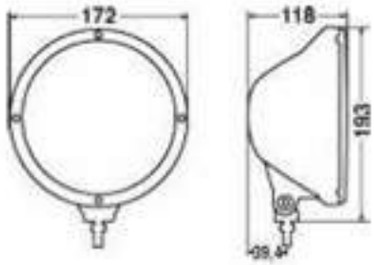


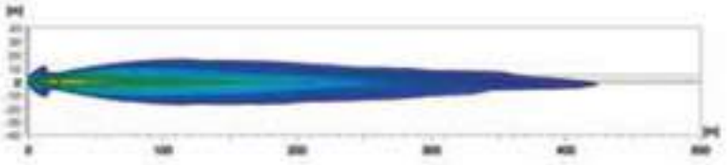
Rallye 3003 Compact Blue (Ref. 37.5)

- Pencil Beam Pattern
- Blue Glass Lens - White Beam when Illuminated
- Designed for the Most Extreme Driving Conditions

Voltage 12 / 24 V, power requirement: 55 W, light source: H1 bulb (not included), optics: reflector / lens, male connector, black ABS housing with silver bezel and blue accent stripes, steel bracket, glass lens material, pencil beam pattern, weight of 585g, ECE approved.

Description	Part Number	Short Code
Rallye 3003 Compact Blue	1FB-010119-021	A3006
Accessories		
Clear Cover	BKS-008155-011	8155
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	BGH-178560-692	G6692DM+
Spotlight Replacement Insert	1FB-161825-081	A6081



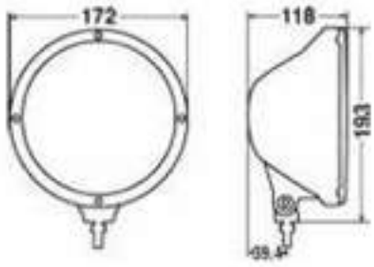


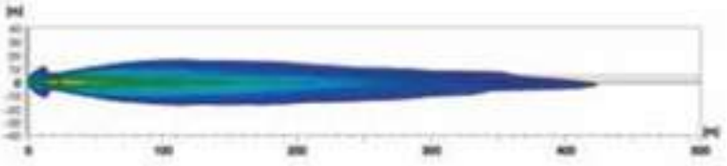
Rallye 3003 Compact (Ref. 37.5)

- Pencil Beam Pattern
- Clear Glass Lens
- Designed for the Most Extreme Driving Conditions

Voltage 12 / 24 V, power requirement: 55 W, light source: H1 bulb (not included), optics: reflector, male connector, black ABS housing with silver bezel and black accent stripes, steel bracket, glass lens material, pencil beam pattern, weight of 585g, ECE approved.

Description	Part Number	Short Code
Rallye 3003 Compact	1FB-010119-011	A3005
Accessories		
Clear Cover	BKS-008155-011	8155
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H1 Bulb	BGH-178560-692	G6692DM+
Spotlight Replacement Insert	1FB-161825-011	S8011



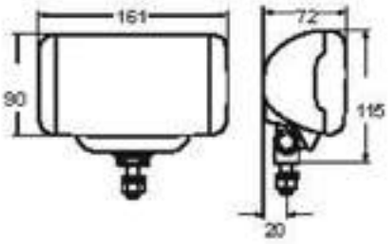


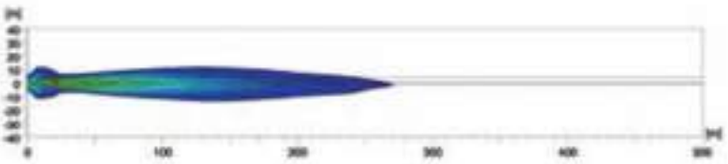
Rallye FF 450 Set (Ref. 17.5)

- Driving Beam Pattern
- Bonded Clear Glass Lens
- Computer-Calculated Free-Form Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: reflector, wire leads connection, black ABS housing, stainless steel bracket, glass lens material, driving beam pattern, shallow installation depth for problem-free fitting, weight of 520g each, ECE approved.

Description	Part Number	Short Code
Rallye FF450 Set	1FB-010951-817	A1817
Accessories		
White Cover - Included		
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BGH-178560-682	G6682DM+





Rallye FF 500 Set (Ref. 17.5)

- Driving Beam Pattern
- Bonded Clear Glass Lens
- Computer-Calculated Free-Form Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: reflector, wire leads connection, black ABS housing, stainless steel bracket, glass lens material, driving beam pattern, shallow installation depth for problem-free fitting, weight of 700g each, ECE approved.

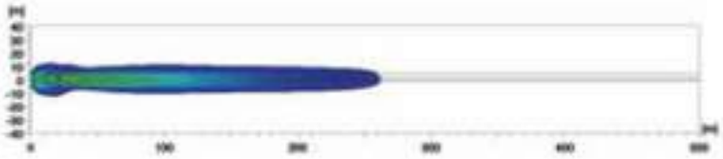
Description	Part Number	Short Code
Rallye FF500 Set	1F6-010952-817	A2817
Accessories		
White Cover - Included		
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	8DH-178560-682	066820M+

Rallye FF 550 Set (Ref. 17.5)

- Driving Beam Pattern
- Bonded Clear Glass Lens
- Computer-Calculated Free-Form Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: reflector, wire leads connection, black ABS housing, stainless steel bracket, glass lens material, driving beam pattern, shallow installation depth for problem-free fitting, weight of 580g each, ECE approved.

Description	Part Number	Short Code
Rallye FF550 Set	1FD-010953-817	A3817
Accessories		
White Cover - Included		
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	8DH-178560-682	066820M+

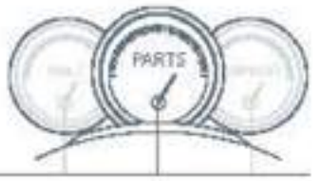


Comet 500 FF Set (Ref. 37.5)

- Driving Beam Pattern
- Clear Glass Lens
- Free Form Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: aluminium vapor-coated reflector, wire leads connection, black impact-resistant reinforced ABS housing, stainless steel bracket, glass lens material, driving beam pattern, light weight of 690g each, ECE approved.

Description	Part Number	Short Code
Comet 500 FF Set	1F4-005750-941	A5050
Accessories		
White Cover - Included		
Clear Cover	8XS-005750-137	8137
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	8DH-178560-682	066820M+

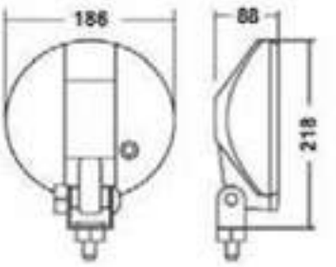


Comet 700 FF Set (Ref. 37.5)

- 13% Larger than the Comet 500 FF
- Bonded Clear Glass Lens
- Free Form Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: aluminium vapor-coated reflector, wire leads connection, black impact-resistant reinforced ABS housing, stainless steel bracket, glass lens material, driving beam pattern, light weight of 800g each, ECE approved.

Description	Part Number	Short Code
Comet 700 FF Set	1F7-010082-801	A9090
Accessories		
White Cover - Included		
Clear Cover	BKS-004700-134	8134
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BDH-178560-682	D6682DM+

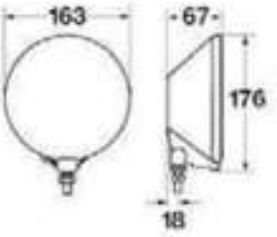


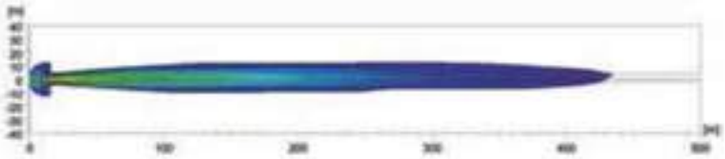
Comet 500 Set (Ref. 37.5)

- Driving Beam Pattern
- Bonded Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, black impact-resistant reinforced ABS housing, stainless steel bracket, glass lens material, driving beam pattern, light weight of 600g each, ECE approved.

Description	Part Number	Short Code
Comet 500 Set	1F4-923220-881	A9040
Accessories		
White Cover - Included	BKS-135236-001	Z135236
Clear Cover	BKS-005750-137	8137
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BDH-178560-682	D6682DM+



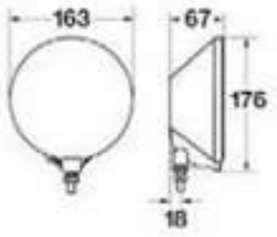


Comet 500 Black Magic Set (Ref. 37.5)

- Black Optics Technology Creates Unique Blackout Look When Off
- Bonded Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, black impact-resistant reinforced ABS housing, black coated steel bracket, glass lens material, driving beam pattern, light weight of 625g each, ECE approved.

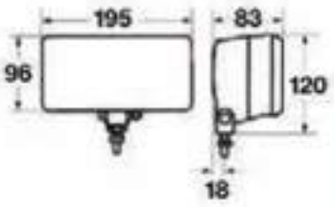
Description	Part Number	Short Code
Comet 500 Black Magic Set	1F4-005750-991	A9051
Accessories		
Black Cover - Included		
Clear Cover	BKS-005750-137	8137
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BDH-178560-682	D6682DM+



Comet 550 Set (Ref. 37.5)

- Driving Beam Pattern
- Bonded Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, black impact-resistant reinforced ABS housing, stainless steel bracket, glass lens material, driving beam pattern, light weight of 600g each, ECE approved.

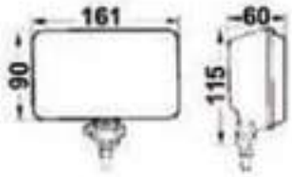


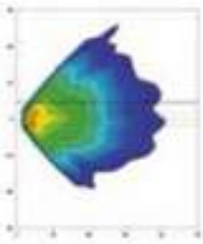
Description	Part Number	Short Code
Comet 550 Set	1FD-005700-811	A9060
Accessories		
White Cover - Included	BIS-135037-001	Z135037
Clear Cover	BIS-005700-138	8138
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BOH-178560-682	066820M+

Comet 450 Fog Yellow (Ref. 17.5)

- Fog Beam Pattern
- Bonded Yellow Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, die-cast aluminium housing, stainless steel bracket, yellow glass lens material, fog beam pattern, light weight of 600g, ECE approved.



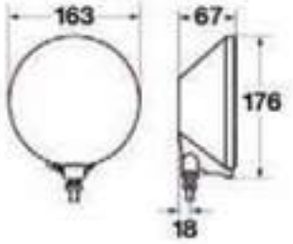


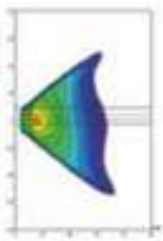
Description	Part Number	Short Code
Comet 450 Fog Yellow	1NB-005860-021	A9131
Accessories		
White Cover - Included		
Clear Cover	BIS-005860-136	8136
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BOH-178560-682	066820M+

Comet 500 Fog Yellow (Ref. 17.5)

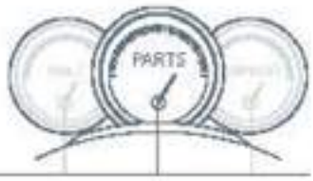
- Fog Beam Pattern
- Bonded Yellow Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, impact-resistant reinforced ABS housing, stainless steel bracket, yellow glass lens material, fog beam pattern, light weight of 600g, ECE approved.





Description	Part Number	Short Code
Comet 500 Fog Yellow	1N4-005750-041	A1445
Accessories		
White Cover - Included	BIS-135236-001	Z135236
Clear Cover	BIS-005750-137	8137
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BOH-178560-682	066820M+

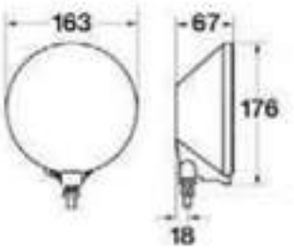


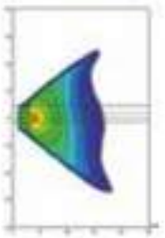
Comet 500 Fog Set (Ref. 17.5)

- Fog Beam Pattern
- Bonded Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, impact-resistant reinforced ABS housing, stainless steel bracket, glass lens material, fog beam pattern, light weight of 690g each, ECE approved.

Description	Part Number	Short Code
Comet 500 Fog Set	1N4-005750-801	A9140
Accessories		
White Cover - Included	BIS-135236-001	Z135236
Clear Cover	BIS-005750-137	B137
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BGH-178560-682	G6682DM+



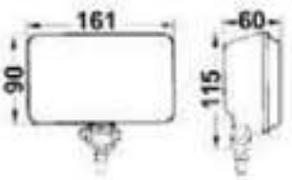


Comet 550 Fog Set (Ref. 17.5)

- Fog Beam Pattern
- Bonded Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, impact-resistant reinforced ABS housing, stainless steel bracket, glass lens material, fog beam pattern, light weight of 690g each, ECE approved.

Description	Part Number	Short Code
Comet 550 Fog Set	1ND-005700-841	A9160
Accessories		
White Cover - Included	BIS-135037-001	Z135037
Clear Cover	BIS-005700-138	B138
Universal Wiring Harness Kit - 12V	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BGH-178560-682	G6682DM+

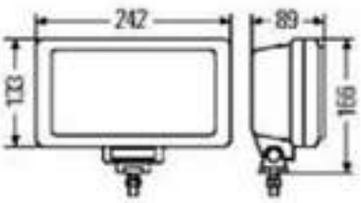


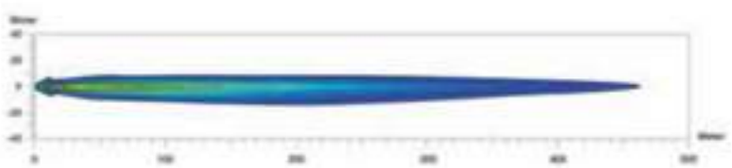
Jumbo 220 (Ref. 37.5)

- Pencil Beam Pattern
- Structured Glass Lens
- Traditional Design Compliments Many Trucks and SUVs

Voltage 12 / 24 V, power requirement: 55 W, light source: H3 bulb (not included), optics: reflector, connection: no leads, impact-resistant black ABS housing and retaining ring, stainless steel bracket, glass lens material, pencil beam pattern, weight of 1,200g, ECE approved.

Description	Part Number	Short Code
Jumbo 220	1FE-006300-121	A1220
Accessories		
Clear Cover	BIS-006300-139	B139
Universal Wiring Harness Kit - 12V	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BGH-178560-682	G6682DM+
Spotlight Replacement Insert	1FE-138620-011	A1221



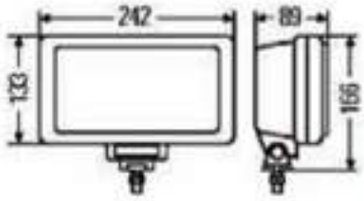


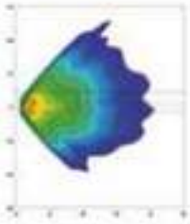
Jumbo 220 Fog (Ref. 17.5)

- Pencil Beam Pattern
- Structured Glass Lens
- Traditional Design Compliments Many Trucks and SUVs

Voltage 12 / 24 V, power requirement: 55 W, light source: H3 bulb (not included), optics: reflector, connection: no leads, impact-resistant black ABS housing and retaining ring, stainless steel bracket, glass lens material, pencil beam pattern, weight of 1,200g, ECE approved.

Description	Part Number	Short Code
Jumbo 220 Fog	1NE-006300-071	A1420
Accessories		
Clear Cover	BKS-006300-139	B139
Universal Wiring Harness Kit - 12V	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BOH-178560-682	066820M+



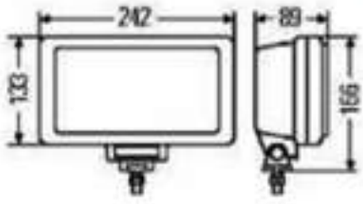


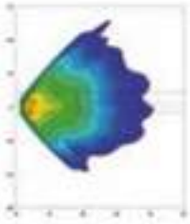
Jumbo 220 Fog Yellow (Ref. 17.5)

- Pencil Beam Pattern
- Structured Yellow Glass Lens
- Traditional Design Compliments Many Trucks and SUVs

Voltage 12 / 24 V, power requirement: 55 W, light source: H3 bulb (not included), optics: reflector, connection: no leads, impact-resistant black ABS housing and retaining ring, stainless steel bracket, yellow glass lens material, pencil beam pattern, weight of 1,200g, ECE approved.

Description	Part Number	Short Code
Jumbo 220 Fog Yellow	1NE-006300-101	A1422
Accessories		
Clear Cover	BKS-006300-139	B139
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BOH-178560-682	066820M+



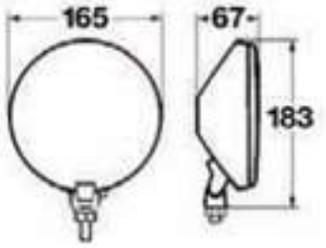


Classic 160 (Ref. 37.5)

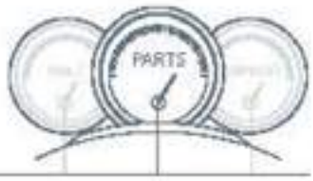
- Classic Round Design
- Bonded Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 / 24 V, power requirement: 55 W, light source: H3 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, high-gloss chrome finish ABS housing, steel bracket, bonded glass lens material, driving beam pattern, weight of 380g, ECE approved.

Description	Part Number	Short Code
Classic 160	1F4-002608-001	A1297
Accessories		
Clear Cover	BKS-005700-138	B138
White Cover	BKS-135037-001	Z135037
Universal Wiring Harness Kit	BKB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	BOH-178560-682	066820M+



*Picture Shows Fog Light Version

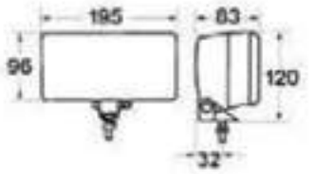


175 Series Set (Ref. 37.5)

- Flexible Bracket System
- Structured Glass Lens
- Aluminium Vapor-Coated Reflector

Voltage 12 V, power requirement: 55 W, light source: H8 bulb, optics: lens / aluminium vapor-coated reflector, wire leads connection, impact-resistant reinforced ABS housing, steel bracket, glass lens material, driving beam pattern, weight of 700g each, ECE approved.

Description	Part Number	Short Code
175 Series Set	1FD-923116-801	A9075
Accessories		
Universal Wiring Harness Kit - 12V	8KB-923001-001	KB9231
Daymaker Plus +100 H3 Bulb	8GH-178560-682	G6682DM+

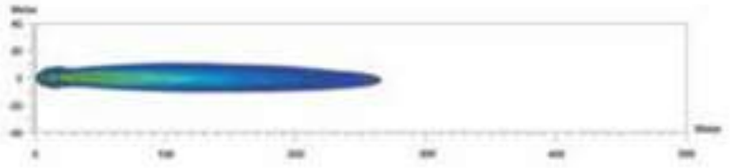


FF 50 Set (Ref. 12.5)

- Low-Profile Design
- Clear Glass Lens
- Optimised Free-Form Reflector

Voltage 12 V, power requirement: 55 W, light source: H8 bulb, optics: optimised free-form reflector, wire leads connection, black ABS housing, steel bracket, glass lens material, driving beam pattern, low-profile design and oval shape for integrating in modern vehicle fronts, weight of 460g each, ECE approved.

Description	Part Number	Short Code
FF50 Set	1RL-008283-811	A8283-81
Accessories		
Universal Wiring Harness Kit - 12V	8KB-923001-001	KB9231
Daymaker Plus +100 H7 Bulb - 12V	8GH-178560-652	G6652DM+



FF 75 Set (Ref. 12.5)

- Low-Profile Design
- Clear Glass Lens
- Optimised Free-Form Reflector

Voltage 12 V, power requirement: 55 W, light source: H8 bulb, optics: optimised free-form reflector, wire leads connection, black ABS housing, steel bracket, glass lens material, driving beam pattern, low-profile design and oval shape for integrating in modern vehicle fronts, weight of 380g each, ECE approved.

Description	Part Number	Short Code
FF75 Set	1RL-008284-811	A8284-81
Accessories		
Universal Wiring Harness Kit	8KB-923001-001	KB9231
Daymaker Plus +100 H7 Bulb - 12V	8GH-178560-652	G6652DM+

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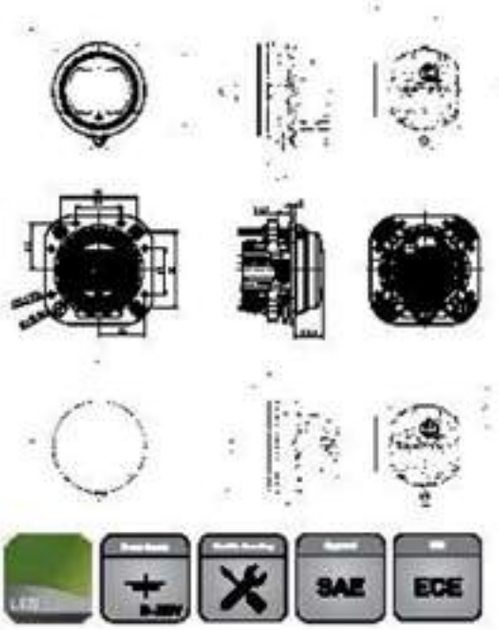
Multi-voltage (9-32 V), power requirement: 20 W, light source: LED modules, functions: low beam / high beam / fog light / daytime driving light / position light / cornering light and direction indicator, impact-resistant polycarbonate and polymethylmethacrylate lens material, sturdy die-cast aluminum housing with integrated electronics, connection: integrated 4-pin FEP plug with adaptation to DT plug available, light weight design, ECE and SAE approved.

Description	Part Number	Short Code
Low-Beam (ES/SAE - FEP)	1BL-012488-001	A4884
Low-Beam (LES - FEP)	1ML-012488-011	A4881
Low-Beam (ES/SAE - DT)	1BL-012488-101	A4885
Low-Beam (LES - DT)	1ML-012488-111	A4886
Low-Beam - Daytime Running/Position Light (ES/SAE - FEP)	1BL-012488-021	A4882
Low-Beam - Daytime Running/Position Light (LES - FEP)	1ML-012488-031	A4883
Low-Beam - Daytime Running/Position Light (ES/SAE - DT)	1BL-012488-121	A4887
Low-Beam - Daytime Running/Position Light (LES - DT)	1ML-012488-131	A4888
High-Beam (PCF)	1RD-011988-021	A8021
High-Beam (PM)	1RD-011988-121	A8121
High-Beam - Daytime Running/ Position Light (PCF)	1RD-011988-031	A9031
High-Beam - Daytime Running/ Position Light (PM)	1RD-011988-131	A9881
High-Beam - Direction Indicator (WPG, PCF)	1RD-011988-081	A9882
High-Beam - Direction Indicator (WPG, PM)	1RD-011988-181	A9883
High-Beam - Direction Indicator (W/PG, PCF)	1RD-011988-071	A9884
High-Beam - Direction Indicator (W/PG, PM)	1RD-011988-171	A8871
Fog Light (PCF)	1ND-011988-001	A8802
Fog Light - Daytime Running/Position Light (PCF)	1ND-011988-011	A8811
Fog Light - Cornering Light (PCF, R)	1ND-011988-061	A9885
Fog Light - Cornering Light (PCF, L)	1ND-011988-051	A9886

Accessories

Carrier Frame	9AH-169580-011	AH8011



Low Beam

Low Beam with daytime running light and position light

High Beam

High Beam and Daytime running light

High Beam and Indicator

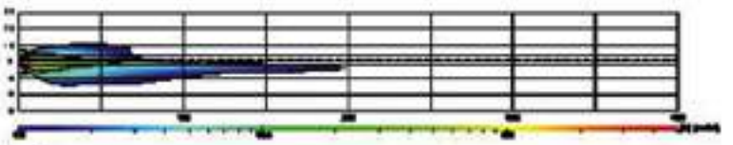
Fog light

Fog light and cornering light

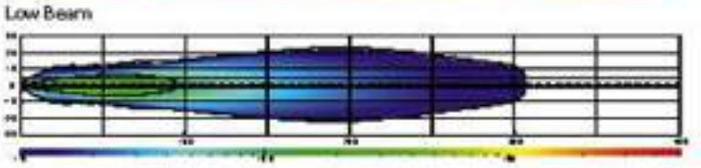
Fog light and daytime running light

- All 90 mm module fixing strategy is compatible to each module with different technologies
- Carrier Frame 9AH-169580-011 as standard frame
- Different series / optional equipment possibilities

Carrier Frame



Low Beam



High Beam

Abbreviations:

PCF - Preassembled Carrier Frame
PM - Performance Mount
FEP - Connector
DT - Connector
ES/SAE - Version
LES - Version
WPG - With Pulse Generator
W/PG - Without Pulse Generator
R - Right
L - Left

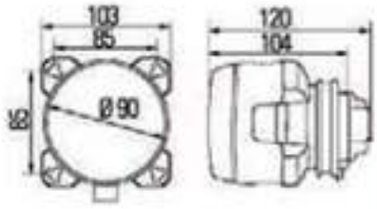
For more information: www.hella.com/90mm-modules or www.hella.co.za/downloads

90mm Headlight (Ref. 12.5)

- With Position Light
- Clear Glass Lens
- Magnesium FF Reflector

Voltage 24 V, power requirement: 55 W, light source: H7 + T4W bulbs, optics: magnesium FF reflector, ABS housing, glass lens material, driving beam pattern, with position light, light aperture: 90mm diameter, for left-hand traffic, weight of 380g each, ECE and SAE approved.

Description	Part Number	Short Code
90mm Headlight	1K0-008191-027	A8191-02
Accessories		
Rubber Sealing Boot - Not Included		
H7 FF Insert	1K0-008191-047	A8191-03
Long Life H7 Bulb - 24 V	BOH-178555-442	05442LL

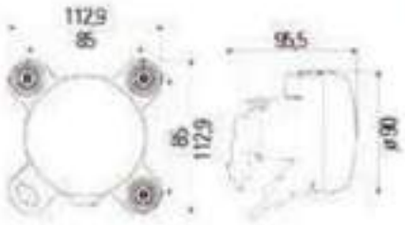


90mm Performance Headlight (Ref. 12.5)

- Low-Profile Design & Round Shape for Integrating into Modern Vehicle Fronts
- Clear Glass Lens
- Aluminium vapor-coated Reflector

Voltage 24 V, power requirement: 55 W, light source: H1 bulb, optics: aluminium vapor-coated reflector, impact-resistant reinforced ABS housing, glass lens material, driving beam pattern, with, light aperture: 90mm diameter, low-profile design and round shape, light weight of 460g each, ECE and SAE approved.

Description	Part Number	Short Code
90mm Performance Headlight	1K0-247643-027	A8702
Accessories		
Rubber Sealing Boot - Not Included		
Long Life H1 Bulb - 24 V	BOH-178555-412	05412LL



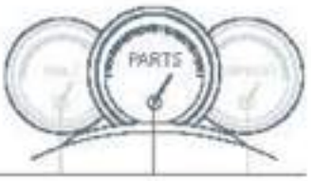
90mm Classic Headlight with Low-Beam (Ref. 17.5)

- Light-Weight Design
- Clear Glass Lens
- FF Reflector

Voltage 24 V, power requirement: 55 W, light source: H1 bulb, optics: FF reflector, impact-resistant reinforced ABS housing, glass lens material, driving beam pattern, with, light aperture: 90mm diameter, for left-hand traffic, light weight of 460g each, ECE and SAE approved.

Description	Part Number	Short Code
90mm Classic Headlight with Low-Beam	1ML-247642-087	A8703
Accessories		
Rubber Sealing Boot - Not Included		
Long Life H1 Bulb - 24 V	BOH-178555-412	05412LL

For more information: catalog.hella.com/ or www.hella.co.za/downloads



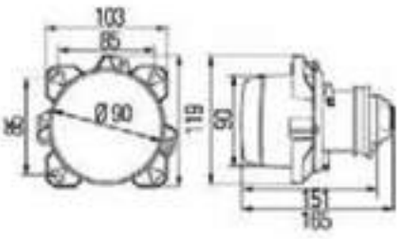
90mm Classic Low-Beam Headlight (Ref. 17.5)

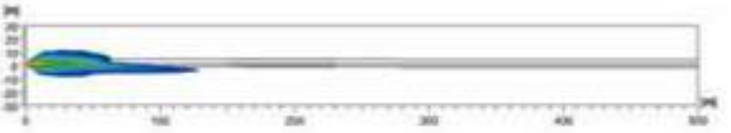
- Low-Profile Design & Round Shape for Integrating into Modern Vehicle Fronts
- Clear Glass Lens
- Aluminium vapor-coated Reflector

Voltage 24 V, power requirement: 55 W, light source: H9 bulb, optics: aluminium vapor-coated reflector, impact-resistant reinforced ABS housing, glass lens material, driving beam pattern, with, light aperture: 90mm diameter, low-profile design and round shape, light weight of 460g each, ECE and SAE approved.

Description	Part Number	Short Code
90mm Classic Low-Beam Headlight	1BL-008193-017	A8194

Accessories
Rubber Sealing Boot - Not Included





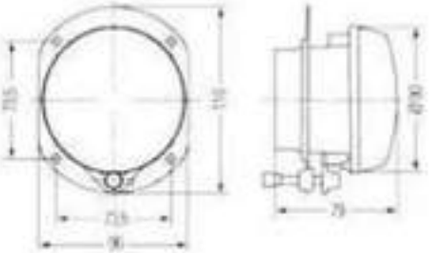
90mm Fog Light (Ref. 12.5)

- Low-Profile Design & Round Shape for Integrating into Modern Vehicle Fronts
- Light-Weight Design
- Aluminium vapor-coated Reflector

Voltage 24 V, power requirement: 70 W, light source: H1 bulb, optics: aluminium vapor-coated reflector, impact-resistant reinforced ABS housing, glass lens material, driving beam pattern, with, light aperture: 90mm diameter, low-profile design and round shape, light weight of 460g each, ECE and SAE approved.

Description	Part Number	Short Code
90mm Fog Light	1ND-008582-037	A8582

Accessories
Rubber Sealing Boot - Not Included
Long Life H1 Bulb - 24 V — 8GH-178555-412 — 05412LL



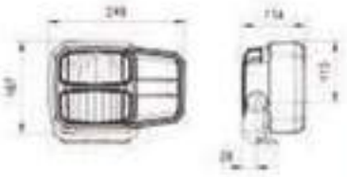
90mm Module Applications

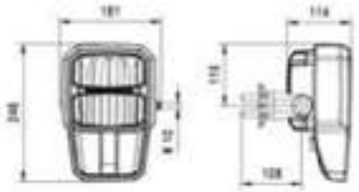
C140 LED Combination Headlight (Ref. 17.5)

- All Light Functions in LED - Low/High-Beam, Position Light & Indicator
- High Energy Efficiency
- Outstanding Luminous Efficiency

Recommended tilt angle: 0° – 10°, power requirement: 40 W, light source: full LED technology, multi-voltage (10-32 V DC), die-cast aluminium housing, heavy-duty carrier frame, vertical & horizontal mounting versions, scratch-resistant polycarbonate lens material, 6-pole DT connection, reverse polarity protection, IP 6K9K ingress protection class, 140 x 140mm light exit element, lifetime of over 20,000 hours, ECE & SAE approved.

Description	Part Number	Short Code
Right-hand traffic, Vertical mount	1EE-996874-001	A3741
Right-hand traffic, Horizontal left mount	1EE-996874-011	A9971
Right-hand traffic, Horizontal right mount	1EE-996874-021	A3742
Left-hand traffic, Horizontal left mount	1LE-996874-031	A3743
Left-hand traffic, Horizontal right mount	1LE-996874-041	A3744





Low Beam

High Beam

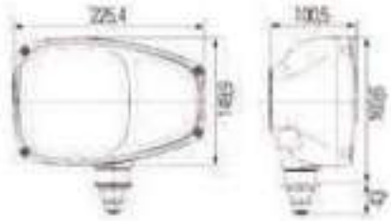
C220 Halogen Combination Headlight

- All Light Functions in Halogen - Low/High-Beam, Position Light & Indicator
- Compact Dimensions
- Illumination Without Dazzle

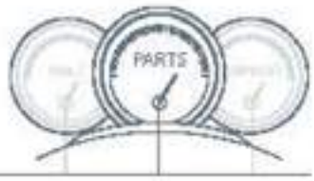
Voltage: 12 / 24 V, light source: H3 / H7 / P21W and T4W bulbs, impact-proof, glass fibre-reinforced synthetic material housing, 6-pole DT connection, horizontal attachment for central and upright mount versions available, IP 5K9K protection class, ECE approved.

Description	Part Number	Short Code
Right-hand traffic, Vertical mount, left	1LE-996174-451	A7451
Right-hand traffic, Verticle mount, right	1LE-996174-461	A7461

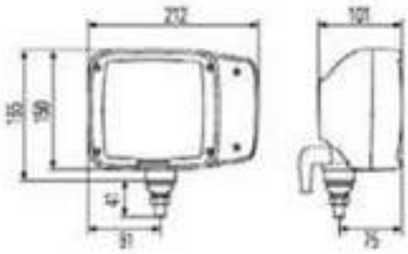
Accessories		
Long Life H3 Bulb - 24 V	BGH-178555-421	66421LL1
Long Life H7 Bulb - 24 V	BGH-178555-442	66442LL
Daymaker Plus +100 H3 Bulb 12V	BGH-178549-682	66682DM+
Daymaker Plus +100 H7 Bulb - 12V	BGH-178549-652	66652DM+



*Horizontal Attachment Version Available



Module 120 Headlight with Amber Indicator



- All Light Functions in Halogen - Low/High-Beam, Position Light & Indicator
- Aluminium Vapor-Coated Reflector
- Glass Lens with Plastic Reflector Bonded

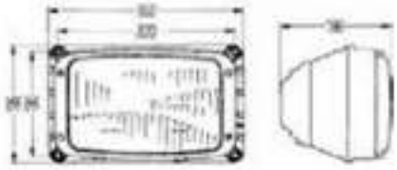
Voltage: 12 / 24 V, light source: H3 / H7 / P21W and T4W bulbs (not included), light aperture: 120 x 120 mm, power requirement: 55 W, optics: lens / aluminium vapor-coated reflector, plastic reflector bonded glass lens material, weight: 1,200 g, universal bracket with M12 fixing screw, driving beam pattern, ECE approved.

Description	Part Number	Short Code
Left-hand traffic, Horizontal left mount	1LA-993975-117	A5117
Left-hand traffic, Horizontal right mount	1LA-993975-127	A5127

Accessories

Long Life H7 Bulb - 24 V	8GH-178555-442	05442LL
Daymaker Plus +100 H7 Bulb	8GH-178560-652	06652DM+

H4 Headlight with Position Light



- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

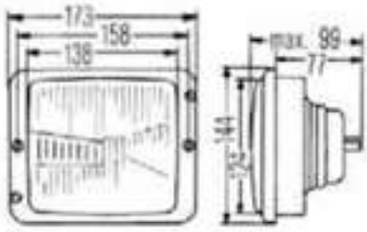
Voltage 12 / 24 V, power requirement: 55 - 70 W, light source: H4 bulb (not included), optics: lens / aluminium vapor-coated reflector, black plastic support frame, bonded glass lens material, driving beam pattern, weight of 650 g, light aperture: 270 x 170 mm, with position light.

Description	Part Number	Short Code
H4 Headlight with Position Light	1LD-003434-187	A6341

Accessories

Long Life H4 Bulb - 24 V	8GJ-178555-432	05432LL
Daymaker Plus +100 H4 Bulb - 12V	8GH-178560-662	06662DM+

H4 Square Headlight with Position Light



- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

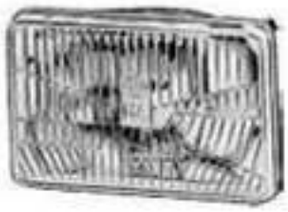
Voltage 12 / 24 V, power requirement: 55 - 70 W, light source: H4 bulb (not included), optics: lens / aluminium vapor-coated reflector, black plastic support frame, bonded glass lens material, driving beam pattern, weight of 450 g, light aperture: 138 x 124 mm, with position light.

Description	Part Number	Short Code
Square Headlight with P/L - Universal	1LA-004109-217	A4109
Square Headlight with P/L - Hard Glass	1LA-004109-227	A4110

Accessories

Long Life H4 Bulb - 24 V	8GJ-178555-432	05432LL
Daymaker Plus +100 H4 Bulb	8GH-178560-662	06662DM+

H4 Headlight / Insert - Peterbilt Equivalent



- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 V, power requirement: 55 W, light source: H4 bulb (not included), optics: lens / aluminium vapor-coated reflector, for use as headlight or insert, bonded glass lens material, driving beam pattern, weight of 800g, light aperture: 164 x 103 mm, with position light.

Description	Part Number	Short Code
Left-hand traffic, H4 Headlight / Insert	1LB-003177-511	A3177
Accessories		
Daymaker Plus +100 H4 Bulb - 12V	8GH-178560-662	66662DM+

5-3/4" Round Headlight

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 / 24 V, power requirement: 55 / 70 W, light source: H4 bulb (not included), optics: lens / aluminium vapor-coated reflector, 146 mm diameter, for use as headlight, bonded glass lens material, driving beam pattern, weight of 600g, available with and without position light.

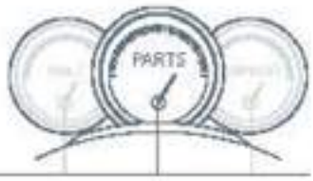
Description	Part Number	Short Code
Headlight with Position Light	1L3-929592-000	A3258
Headlight without Position Light	1L3-929592-100	A3258-1
Accessories		
Long Life H4 Bulb - 24 V	8GJ-178555-432	66432LL
Daymaker Plus +100 H4 Bulb - 12V	8GH-178560-662	66662DM+

6-1/2" Round Headlight with Position Light

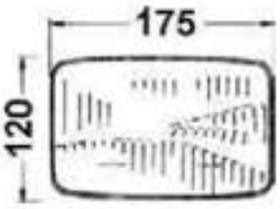
- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 /24 V, power requirement: 55 / 70 W, light source: H4 and T4W bulbs (not included), optics: lens / aluminium vapor-coated reflector, for use as headlight, bonded glass lens material, driving beam pattern, weight of 800g, 165 mm diameter, with position light.

Description	Part Number	Short Code
Headlight with Position Light	1L6-913910-036	A3809
Accessories		
Daymaker Plus +100 H4 Bulb	8GH-178560-662	66662DM+
Long Life H4 Bulb - 24V	8GJ-178555-432	66432LL



Insert - Rectangular Headlight



- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 / 24 V, power requirement: 55 / 70 W, light source: H4 bulb (not included), optics: lens / aluminium vapor-coated reflector, for use as an insert, bonded glass lens material, driving beam pattern, weight of 640g, dimensions: 175 x 120 mm, without position light.

Description	Part Number	Short Code
Insert - Rectangular Headlight	1LE-923226-001	A3862
Accessories		
Daymaker Plus +100 H4 Bulb - 12V	8GH-178569-662	G6662DM+
Long Life H4 Bulb - 24V	8GJ-178555-432	G5432LL

Insert - Rectangular Headlight with Position Light

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 / 24 V, power requirement: 55 / 70 W, light source: H4 and T4W bulbs (not included), optics: lens / aluminium vapor-coated reflector, for use as an insert, bonded glass lens material, driving beam pattern, weight of 1,200g, dimensions: 200 x 137 mm, with position light, ECE approved.

Description	Part Number	Short Code
Insert - Rectangular Headlight with P/L	1LE-923226-101	A3865
Accessories		
Daymaker Plus +100 H4 Bulb	8GH-178569-662	G6662DM+
Long Life H4 Bulb - 24V	8GJ-178555-432	G5432LL

Insert - Round Headlight

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 / 24 V, power requirement: 55 / 70 W, light source: H4 and T4W bulbs (not included), optics: lens / aluminium vapor-coated reflector, for use as an insert, bonded glass lens material, chrome bezel included, driving beam pattern, weight of 1,200g, 180 mm diameter, with position light.

Description	Part Number	Short Code
Insert - Round Headlight	1LS-912097-101	A2570
Accessories		
Daymaker Plus +100 H4 Bulb	8GH-178569-662	G6662DM+
Long Life H4 Bulb - 24V	8GJ-178555-432	G5432LL

Insert - 6-1/2" Round Headlight without P/L

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 V, power requirement: 55 W, light source: H4 bulb (not included), optics: lens / aluminium vapor-coated reflector, for use as an insert, bonded glass lens material with asymmetrical dip beam, driving beam pattern, weight of 800g, 165 mm diameter, without position light, ECE approved.

Description	Part Number	Short Code
Insert - Headlight without P/L	1LG-913910-010	A3827
Accessories		
Daymaker Plus +100 H4 Bulb	BOH-178560-662	066620M+

Insert - Volkswagen Citi Golf Driving Light

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 V, power requirement: 55 W, light source: H7 bulb (not included), optics: lens / aluminium vapor-coated reflector, bonded glass lens material, driving beam pattern, weight of 1,200g, for use as a vehicle specific insert, 140 mm diameter.

Description	Part Number	Short Code
Insert - Left Driving Light	1K3-923083-010	A3868
Insert - Right Driving Light	1K3-920083-020	A3869
Accessories		
Daymaker Plus +100 H7 Bulb	BOH-178560-652	066520M+

Volkswagen Kombi Driving Light

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 V, power requirement: 55 W, light source: H7 and T4W bulbs (not included), optics: lens / aluminium vapor-coated reflector, for use as a vehicle specific headlight, bonded glass lens material, driving beam pattern, weight of 1,200g, dimensions: 180 mm diameter, with position light.

Description	Part Number	Short Code
Kombi Left Driving Light	1L8-913927-230	A3750
Kombi Right Driving Light	1L8-913927-220	A3751
Accessories		
Daymaker Plus +100 H7 Bulb - 12 V	BOH-178560-652	066520M+

Insert - Volkswagen Kombi Driving Light

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 V, power requirement: 55 W, light source: H7 bulb (not included), optics: lens / aluminium vapor-coated reflector, for use as a vehicle specific insert, bonded glass lens material, driving beam pattern, weight of 1,200g, dimensions: 140 mm diameter.

Description	Part Number	Short Code
Insert - Kombi Left Driving Light	1K3-923085-010	A3970
Insert - Kombi Right Driving Light	1K3-923085-020	A3971
Accessories		
Daymaker Plus +100 H7 Bulb	BGH-178560-652	G6652DM+

Volkswagen Citi Golf Headlight

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 V, power requirement: 55 W, light source: H7 and T4W bulbs (not included), optics: lens / aluminium vapor-coated reflector, for use as a vehicle specific headlight, bonded glass lens material with asymmetrical dip beam, driving beam pattern, weight of 1,200g, 180 mm diameter, with position light.

Description	Part Number	Short Code
Citi Golf Headlight	1LB-923230-001	A3963
Accessories		
Daymaker Plus +100 H7 Bulb	BGH-178560-652	G6652DM+

Insert - Ford H4 Headlight

- Driving Beam Pattern
- With Position Light
- Bonded Glass Lens

Voltage 12 / 24 V, power requirement: 55 / 70 W, light source: H4 bulb (not included), optics: lens / reflector, for use as an insert, bonded glass lens material, black plastic support frame, driving beam pattern, with position light, weight of 400g, with sealing cap, ECE approved.

Description	Part Number	Short Code
Insert - Ford H4 Headlight	1LG-002395-131	A5131
Accessories		
Long Life H4 Bulb - 24 V	BGJ-178595-422	G5422LL
Daymaker Plus +100 H4 Bulb	BGH-178560-662	G6662DM+

Insert - 7" Freightliner Headlight

- Driving Beam Pattern
- Aluminium Vapor-Coated Reflector
- Bonded Glass Lens

Voltage 12 V, power requirement: 55 W, light source: H7 and T4W bulbs (not included), optics: lens / aluminium vapor-coated reflector, for use as a vehicle specific headlight, bonded glass lens material with asymmetrical dip beam, driving beam pattern, weight of 1,200g, 180 mm diameter, with position light

Description	Part Number	Short Code
Insert - Freightliner Headlight	1LG-002395-261	A5261
Accessories		
Daymaker Plus +100 H7 Bulb	BGH-178540-652	066520M+

Mercedes-Benz Axor II Headlight

- Driving Beam Pattern
- 3 Light Functions
- Without Indicator

Voltage 24 V, power requirement: 55 W, light source: H7 / H1 and W5W bulbs (not included), optics: reflector, glass lens material, with low / high beam and position light, without indicator, driving beam pattern, for use as a vehicle specific headlight, ECE approved.

Description	Part Number	Short Code
Axor II Left Headlight	1LB-247011-051	A1105
Axor II Right Headlight	1LB-247011-061	A1106
Accessories		
Long Life H7 Bulb - 24 V	BGH-178555-442	06442LL
Long Life H1 Bulb - 24 V	BGH-178555-412	064121L

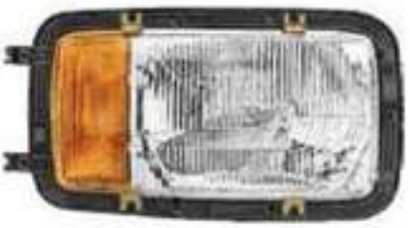
Scania P 94 - T 164 (Series 4) Headlight

- Driving Beam Pattern
- 4 Light Functions
- Suitable for Electric Headlight Leveller

Voltage 24 V, power requirement: 75 / 70 W, light source: H4 bulb (not included), optics: lens / reflector, glass lens material, with low / high beam / indicator and position light, driving beam pattern, for use as a vehicle specific headlight, weight: 4,000g, ECE approved.

Description	Part Number	Short Code
Scania Left Headlight	1LG-007150-111	A0111
Scania Right Headlight	1LG-007150-121	A0121
Accessories		
Long Life H4 Bulb - 24 V	BGJ-178555-432	064321L

Mercedes-Benz 1222 - 4850 (MK, SK) Headlight



- Driving Beam Pattern
- 4 Light Functions
- Not Suitable for Headlight Leveller

Voltage 12 / 24 V, power requirement: 55 W, light source: H4 bulb (not included), optics: lens / reflector, glass lens material, with low / high beam / indicator and position light, driving beam pattern, for use as a vehicle specific headlight, ECE approved.

Description	Part Number	Short Code
Mercedes-Benz Left Headlight	1LH-002658-511	A3842
Mercedes-Benz Right Headlight	1LH-002658-521	A3843

Accessories

Long Life H4 Bulb - 24 V	8GJ-178555-432	05432LL
Daymaker Plus +100 H4 Bulb	8GH-178560-662	05662DM+

Mercedes-Benz Actros MP2 / MP3 Headlight

- Driving Beam Pattern
- 4 Light Functions
- Without Headlight Leveller

Voltage 24 V, power requirement: 70 W, light source: H7 / H1 / PY21W and W5W bulbs (not included), optics: FF reflector, glass lens material, with low / high beam / indicator and position light, without outer rim and bracket, driving beam pattern, for use as a vehicle specific headlight, ECE approved.

Description	Part Number	Short Code
Actros MP2 / MP3 Left Headlight	1LH-009513-051	A3051
Actros MP2 / MP3 Right Headlight	1LH-009513-061	A3061

Mercedes-Benz Actros MP2 / MP3 Headlight

- Driving Beam Pattern
- 4 Light Functions
- With Headlight Leveller

Description	Part Number	Short Code
Actros MP2 / MP3 Left Headlight	1LH-009513-071	A3071
Actros MP2 / MP3 Right Headlight	1LH-009513-081	A3081
Outer Rim Left	9AB-165229-081	Z165229
Outer Rim Right	9AB-165230-081	Z165230

Accessories

Long Life H7 Bulb - 24 V	8GH-178555-442	05442LL
Long Life H1 Bulb - 24 V	8GH-178555-412	05412LL

Volvo FH Headlight

- 4 Light Functions
- With LED Position Light
- Without Headlight Leveller

Voltage 24 V, power requirement: 70 W, light source: DE-H7 and PY21W bulbs (not included), optics: reflector, glass lens material, with low / high beam / indicator and LED position light, for vehicles with air suspension/ride height control, driving beam pattern, for use as a vehicle specific headlight, ECE approved.

Description	Part Number	Short Code
Volvo FH Left Headlight	1LL-010478-131	A8131
Volvo FH Right Headlight	1LL-010478-141	A8141
Accessories		
Long Life H7 Bulb - 24 V	8GH-178555-442	G5442LL

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The right product for your vehicle with a choice of over 8,000 universal parts for trucks, trailers and cars
www.catalog.hella.com
www.hella.co.za/downloads

Daytime Running Lights

HELLA LED Safety Daylights™
Be Safe... Be Seen!

Failure to see another road user in time (or at all) is a contributing factor in over 50% of all daytime accidents. For daytime intersection accidents this increases to as much as 80%.

Source: The Safety Effects of Daytime Running Lights, SWOV, 1997

Why Install HELLA Safety DayLights™? You might ask yourself "can't I just switch on my headlights?", since the use of dipped beam headlamps during daylight hours has long been promoted as a Road Safety Initiative around the country.

Dipped beam headlights are designed to effectively light up the road in front of the vehicle during darkness, whilst causing as little glare as possible to oncoming traffic.

Hence during daytime, dipped beam headlights 'waste' most of their light directed to the road in front of the vehicle but provide very little as a signal to other road users in bright daylight. Using your Dipped Beam Headlights during daylight hours has only a marginal added safety effect.

Safety DayLights™ on the other hand are designed to significantly enhance the conspicuity of your vehicle during daylight hours because precision optics direct all the light towards the other road users.

HELLA LED Safety DayLights™ Safety DayLights™ are forward facing signal lights that significantly enhance the visibility of your vehicle during daylight hours to prevent vehicle crashes by 'accidental oversight'.

As road users we have all experienced the 'fright second' of a near miss by being overlooked by another car, van or truck.

Equally frightening is almost not noticing another vehicle approaching due to an inconspicuous vehicle colour, the low sun casting harsh shadows or sun strike.

Any single one of these 'fright seconds' has the potential to end in a tragic outcome and become a number in the road toll statistics.

Safety DayLights™ are a "never forget" safety enhancement. They automatically switch ON when the ignition is switched ON and automatically switch OFF when the headlights are turned ON in order not to dazzle other road users at night.

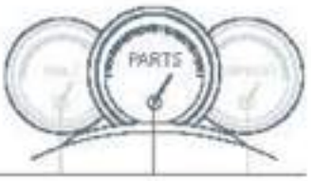
Headlights Off | Low Beam Headlights | HELLA LED Safety DayLights™

Designed to light the road ahead without causing glare to other vehicles

Designed to increase the visibility (conspicuity) of your vehicle

HELLA LED Safety Daylights™

Safety DayLights™ are signal lamps that significantly enhance the visibility of your vehicle during daylight hours to prevent vehicle crashes by 'accidental oversight'.



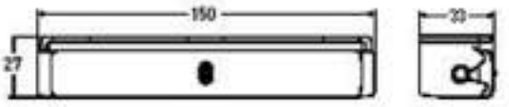
LED Safety DayLights™ Kit - Easy-Fit

FIT & FORGET BY DESIGN

- Fit & Forget Design
- 5 Year Product Warranty
- IP 6K7 & IP 6K9K Protection Class

Voltage: 12 V, power requirement: 2 W, light source from 8 high-power LED modules, high impact acrylic lens material, pre-wired with 2.5m of sheathed multi-core cable, suitable for horizontal mounting, mounted perpendicular to the vehicle axis, reverse polarity protection, mounting brackets & changeover relay included, ECE R87/00 and ADR 76/00 approved.

Description	Part Number	Short Code
Safety DayLights™ Kit - Easy-Fit - 12 V	2PT-980970-802	5686-BL



5YR WARRANTY | ADR COMPLIANCE | ECE

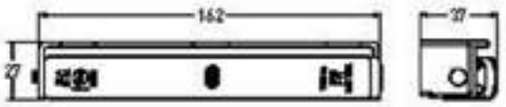
LED Safety DayLights™ Kit - 15°

FIT & FORGET BY DESIGN

- Fit & Forget Design
- 5 Year Product Warranty
- IP 6K7 & IP 6K9K Protection Class

Voltage: 12V, power requirement: 2 W, light source from 8 high-power LED modules, high impact acrylic lens material, pre-wired with 2.5m of sheathed multi-core cable, suitable for horizontal mounting, mounted at 15° angle to the vehicle axis, reverse polarity protection, mounting brackets & changeover relay included, ECE R87/00 and ADR 76/00 approved.

Description	Part Number	Short Code
Safety DayLights™ Kit - 15° - 12 V	2PT-980860-842	5680-BL



5YR WARRANTY | ADR COMPLIANCE | ECE

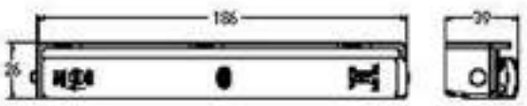
LED Safety DayLights™ Kit - 30°

FIT & FORGET BY DESIGN

- Fit & Forget Design
- 5 Year Product Warranty
- IP 6K7 & IP 6K9K Protection Class

Voltage: 12V, power requirement: 2 W, light source from 8 high-power LED modules, high impact acrylic lens material, pre-wired with 2.5m of sheathed multi-core cable, suitable for horizontal mounting, mounted at 30° angle to the vehicle axis, reverse polarity protection, mounting brackets & changeover relay included, ECE R87/00 and ADR 76/00 approved.

Description	Part Number	Short Code
Safety DayLights™ Kit - 30° - 12 V	2PT-980850-842	5681-BL



5YR WARRANTY | ADR COMPLIANCE | ECE

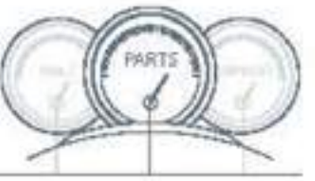
For more information: www.safetydaylights.com or www.hella.co.za/downloads

Safety DayLights™ Smart Controller Designed to Simplify Installation

HELLA's Safety DayLights™ Smart Controller is designed to simplify the installation of Safety DayLights™ by eliminating the need to connect the light, or changeover relay, to ignition terminal 15. The vehicle's ignition feed is typically used as a signal to turn Safety DayLights™ ON. Correctly identifying terminal 15 (ignition) in the engine bay can be a difficult task on some vehicles, requiring specialised tools and in some cases the only solution is to route the wiring back through the fire wall into the vehicle cabin. This procedure can greatly increase the time and cost it takes to install Safety DayLights™, it can also be a daunting experience for the DIY-er not familiar with the electronic complexity of the modern vehicle.

The Safety DayLights™ Smart Controller reduces the installation complexity as it is directly connected to the positive terminal of the battery where it will sense that the vehicle engine has been activated. The Safety DayLights™ Smart Controller uses advanced electronics that constantly monitor the voltage of the battery and other tell tale signs that the engine has been started. It will automatically switch the Safety DayLights™ ON. It will deactivate the Safety DayLights™ when the headlights are turned ON or the engine is turned OFF (after a small delay).

The Dual Function controller also available to turn Safety DayLights™ into front position lights at night - See www.hella.co.za for details

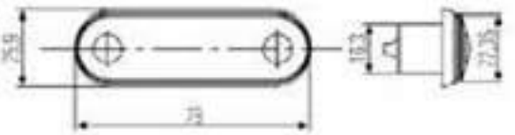


Secondary Lighting

LED Park Light - White

Multi-voltage (10 - 33 V), power requirement: 0.5 W, light source: 2 LEDs, optics: lens, connection: 500 mm white cable and fixing screws, black housing, bonded PVC lens material, illumination angle: 30°, illuminance in 1 m: 15 lux, reverse polarity protection , for universal applications, low energy consumption, white light, ECE approved.

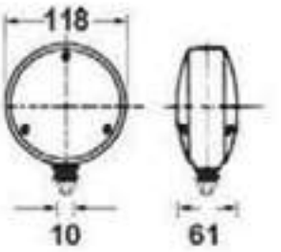
Description	Part Number	Short Code
LED Park Light - White	2FF-959590-407	FF5590



Flasher Light - Amber

Voltage: 24 V, power requirement: 21 W, light source: P21W bulb, optics: lens, function: side indicator, black housing, amber bonded PVC lens material, mounting: M10 hollow screw for fixing , for universal applications, weight: 250g, ECE approved.

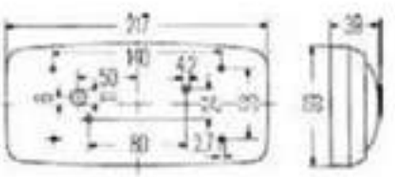
Description	Part Number	Short Code
Flasher Light - Amber	2BA-912664-101	BA0505AA



Interior Light with Chrome Rim

Voltage: 12 / 24 V, power requirement: 10 W, light source: R10W bulb (not included), optics: frosted white lens, function: interior light, with chrome-plated rim, glass lens material, mounting: four 3.2 mm dia. holes for fixing screws , for universal applications, without switch, weight: 250g, ECE approved.

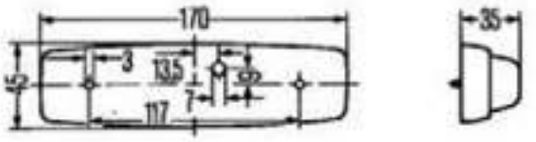
Description	Part Number	Short Code
Interior Light with Chrome Rim	2JA-001331-011	JA2057



Interior Light

Voltage: 12 / 24 V, power requirement: 18 W, light source: K bulb (not included), optics: lens, function: interior light, with chrome-plated rim, glass lens material, mounting: for horizontal surface mounting with two holes: 8.4.2 x 13 fixing screws, for universal applications , switched on and off by sliding the lens , weight: 120g, ECE approved.

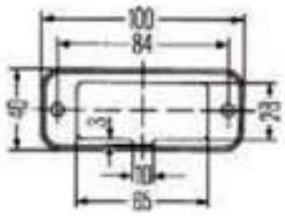
Description	Part Number	Short Code
Interior Light	2JA-001364-001	A2017



Marker Light - Clear

Voltage: 12 / 24 V, power requirement: 5 W, light source: C5W bulb (not included), optics: lens / reflector, function: side position light, with black rubber body, PVC lens material, mounting: for horizontal flush mounting with two holes B4.2 x 19 fixing screws, for universal applications, weight: 30g, ECE approved.

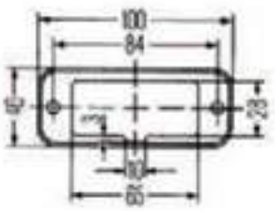
Description	Part Number	Short Code
Marker Light - Clear	2PF-961167-021	PF7128



Position Light - Green

Voltage: 12 / 24 V, power requirement: 5 W, light source: C5W bulb (not included), optics: lens / reflector, function: position light, with black rubber body, green glass lens material, mounting: for horizontal flush mounting with two holes B4.2 x 19 fixing screws, for installation position 60° - 67°, weight: 30g, ECE approved.

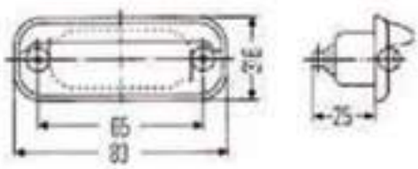
Description	Part Number	Short Code
Position Light - Green	2PF-923202-006	PF7127



Number Plate Light

Voltage: 12 / 24 V, power requirement: 5 W, light source: C5W bulb (not included), optics: lens, function: number plate light, with silver finish, glass lens material, mounting: for flush mounting above or below 500 x 120 mm (2 or 3 lights) and 340 x 240 mm (2 lights) licence plates, without fixing screws, with separate ground connection, weight: 30g, ECE approved.

Description	Part Number	Short Code
Number Plate Light	2KA-001378-041	KA1378



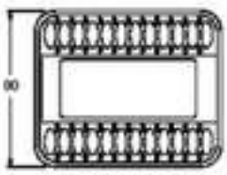
LED Combination Tail Light

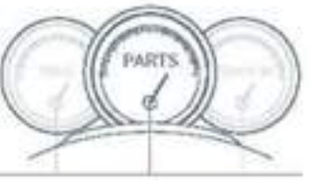
Voltage: 12 / 24 V, power requirement: 2 W, light source: full LED technology, optics: lens, connection: pre-wired with 0.5m cable, functions: stop-rear position-indicator light with number plate function available, black mounting base, clear PMMA lens material, reverse polarity and transient spike circuit protection, IP 6K7 & IP 6K9K protection-class, suitable for horizontal or vertical mounting, ECE approved.

Description	Part Number	Short Code
Stop/Rear Position/Indicator	2VA-980720-002	2394
Left - Stop/Rear Position/Indicator with Number Plate Function	2VB-980720-502	2395

2VA-980720-002

2VB-980720-502

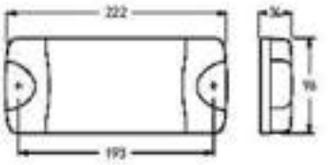




DuraLed® Combination Tail Light

Multi-voltage (8 - 28 V), power requirement: 5 W, light source: full LED technology, optics: EDT lens, connection: pre-wired with 6m of sheathed multi-core cable, functions: stop-rear position-indicator light, black mounting base, clear PMMA lens material, reverse polarity protection, transient voltage suppressor, IP 6K7 & IP 6K6 protection class, suitable for horizontal mounting, ADR & ECE approved.

Description	Part Number	Short Code
Stop-Rear Position-Indicator Tail Light	1HA-002380-011	2379

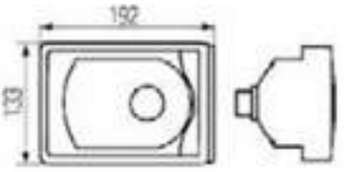


Stop / Tail / Indicator / Reverse Lights

Voltage: 12 / 24 V, power requirement: 21 W, light source: P21W bulb, optics: lens without optical pattern, function: stop light, grey plastic body, red PVC lens material, universal application, weight: 250g, ECE approved.

Description	Part Number	Short Code
Stop Light	2DA-008805-017	A5017
Indicator Light - Amber Lens	2BA-008805-187	BA8051
Tail Light - Red Lens	2SA-008805-007	SA8050
Reverse Light - Clear Lens	2ZR-008805-047	ZR8050

Also available in LED



Combination Tail Light

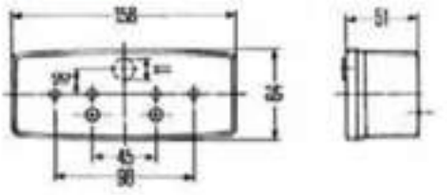
Voltage: 24 V, power requirement: 114 W, light source: 3 x R10W / 4 x P21W bulbs, optics: lens, function: rear-stop-indicator-fog-reverse-side marker and number plate light, with reflex-reflector and lateral centre plug, PVC lens material, mounting: two M8 hollow screw for fixing, universal / Mercedez-Benz Axor II application, weight: 1,500g, ECE approved.

Description	Part Number	Short Code
Combination Tail Light	2VD-007500-411	VD0411

Combination Tail Light

Voltage: 12 / 24 V, power requirement: 31 W, light source: P21W / R10W bulbs (not supplied), optics: lens, function: rear-stop-indicator light, PVC lens material, mounting: with gromet, two B3,9 x 16 fixing screws, universal application, weight: 250g, ECE approved.

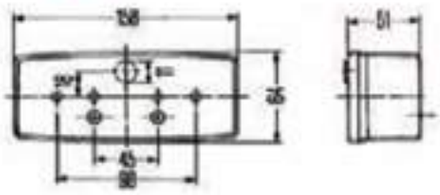
Description	Part Number	Short Code
Left - Combination Tail Light	2SD-003184-031	SD3184
Right - Combination Tail Light	2SD-003184-041	SD3184-04



Combination Tail Light with Number Plate Light

Voltage: 12 / 24 V, power requirement: 31 W, light source: R21W / R10W bulbs, optics: lens, function: rear-stop-indicator with number plate light, PVC lens material, mounting: with gromet, two 83,9 x 16 fixing screws, universal application, weight: 250g, ECE approved.

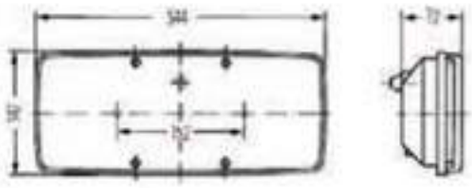
Description	Part Number	Short Code
Tail Light with Number Plate Light	2SE-003184-101	SE3184



Combination Tail Light with Number Plate Light

Voltage: 12 / 24 V, power requirement: 31 W, light source: R21W / R10W bulbs (not supplied), optics: lens, function: rear-stop-indicator with number plate light, with illumination for 520 x 120 mm and 340 x 240 mm licences plates, PVC lens material, mounting: horizontal or vertical flush / surface mounting, two M5 fixing screws, black plastic body, weight: 250g, ECE approved.

Description	Part Number	Short Code
Combination Tail Light	2SE-003167-031	A3031



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HELLA

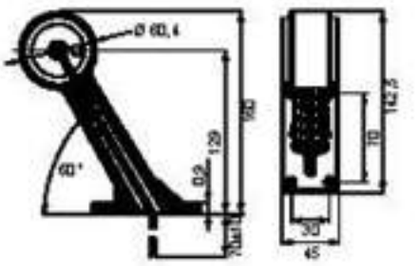
VALUEFIT

Secondary Lighting - HELLA ValueFit

LED end-outline marker lamp

Position light, front and end-outline marker light, rear
Mounting position: horizontal
Extremely low power consumption, high vibration resistance, protection rating: IP 67 (protected against water immersion)

4 white LEDs and 4 red LEDs, rubber arm angle 60°, EPDM rubber arm, lens: PMMA with optics, polarity reversal protection, ECE



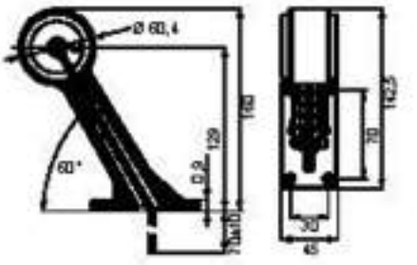
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.08 A (1 W), 24V: 0.04 A (1 W)
Electrical connection	70 mm cable with exposed cable ends
Attachment	4 screws (ST4.2), hole distance 70 mm
Size in mm	142.5 x 160 x 45
Part number	2XS-357004-011 (left) Short code VF4011 2XS-357004-021 (right) Short code VF4021

HELLA VALUEFIT

LED end-outline marker lamp

Position light, front and end-outline marker light, rear
Mounting position: vertical
Extremely low power consumption, high vibration resistance, protection rating: IP 67 (protected against water immersion)

4 white LEDs and 4 red LEDs, rubber arm angle 60°, EPDM rubber arm, lens: PMMA with optics, polarity reversal protection, ECE



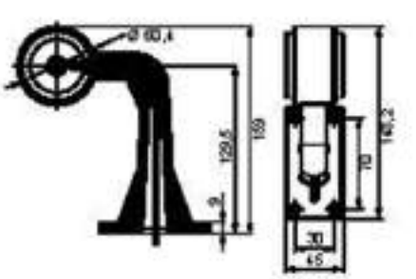
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.08 A (1 W), 24V: 0.04 A (1 W)
Electrical connection	70 mm cable with exposed cable ends
Attachment	4 screws (ST4.2), hole distance 70 mm
Size in mm	142.5 x 160 x 45
Part number	2XS-357004-031 (left) Short code VF4031 2XS-357004-061 (right) Short code VF4061

HELLA VALUEFIT

LED end-outline marker lamp

Position light, front and end-outline marker light, rear
Mounting position: horizontal
Extremely low power consumption, high vibration resistance, protection rating: IP 67 (protected against water immersion)

4 white LEDs and 4 red LEDs, rubber arm angle 90°, EPDM rubber arm, lens: PMMA with optics, polarity reversal protection, ECE



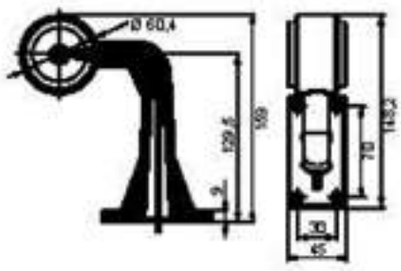
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.08 A (1 W), 24V: 0.04 A (1 W)
Electrical connection	50 mm cable with exposed cable ends
Attachment	4 screws (ST4.2), hole distance 70 mm
Size in mm	148.2 x 159 x 45
Part number	2XS-357005-011 (left) Short code VF7511 2XS-357005-021 (right) Short code VF7521

HELLA VALUEFIT

LED end-outline marker lamp

Position light, front and end-outline marker light, rear
Mounting position: vertical
Extremely low power consumption, high vibration resistance, protection rating: IP 67
(protected against water immersion)

4 white LEDs and 4 red LEDs, rubber arm angle 90°, EPDM rubber arm, lens: PMMA with optics, polarity reversal protection, ECE



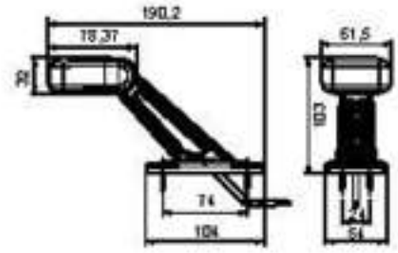
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.08 A (1 W), 24 V: 0.04 A (1 W)
Electrical connection	50 mm cable with exposed cable ends
Attachment	4 Schrauben (ST4.2), Lochabstand: 70 mm
Size in mm	148.2 x 159 x 45
Part number	2XS-357005-031 (left) Short code VF7531 2XS-357005-041 (right) Short code VF7541

HELLA VALUEFIT

LED end-outline lamp/side marker lamp

Position light, front / end-outline marker light, rear and side marker light
Mounting position: horizontal
Modern design, extremely low power consumption, high vibration resistance, protection rating: IP 67
(protected against water immersion)

2 white LEDs, 2 red LEDs and 1 amber LED, rubber arm angle 45°, EPDM rubber arm, lens: PMMA (glass-clear)
Polarity reversal protection, ECE



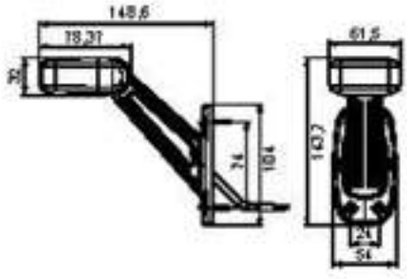
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.14 A (1.6 W), 24 V: 0.07 A (1.6 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	4 screws (ST3.5), hole distance: 74 mm
Size in mm	190.2 x 103 x 61.5
Part number	2XS-357006-011 (left) Short code VF6011 2XS-357006-021 (right) Short code VF6021

HELLA VALUEFIT

LED end-outline lamp/side marker lamp

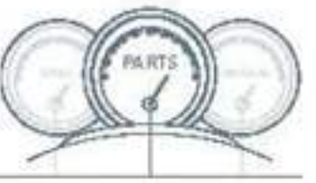
Position light, front / end-outline marker light, rear and side marker light
Mounting position: vertical
Modern design, extremely low power consumption, high vibration resistance, protection rating: IP 67
(protected against water immersion)

2 white LEDs, 2 red LEDs and 1 amber LED, rubber arm angle 45°, EPDM rubber arm, lens: PMMA (glass-clear)
Polarity reversal protection, ECE



Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.14 A (1.6 W), 24 V: 0.07 A (1.6 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	4 screws (ST3.5), hole distance: 74 mm
Size in mm	148.6 x 143.7 x 61.5
Part number	2XS-357007-011 (left) Short code VF7711 2XS-357007-021 (right) Short code VF7721

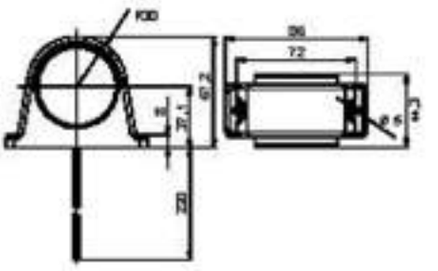
HELLA VALUEFIT



LED end-outline marker lamp

Position light, (front/ rear)
Mounting position: horizontal and vertical
Extremely low power consumption, compact design, robust rubber housing, protection rating: IP 67 (protected against water immersion)

4 white LEDs and 4 red LEDs, EPDM rubber housing, lens: PMMA with optics, polarity reversal protection, ECE



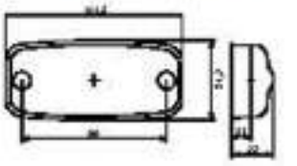
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.08 A (1 W), 24V: 0.04 A (1 W)
Electrical connection	200 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 72 mm
Size in mm	86 x 67.2 x 44.3
Part number	2XS-357003-001 Short code VF7003

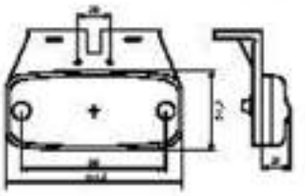
HELLA VALUEFIT

LED side marker lamp with reflex reflector

Side marker light with reflex reflector
Low power consumption, high vibration resistance, protection rating: IP 67 (protected against water immersion)

3 LEDs (amber), housing: ABS (black), lens: PMMA (yellow) with reflex reflector surface, polarity reversal protection, ECE





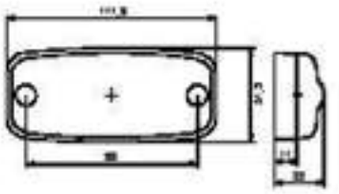
Voltage	Multivolt 9 – 36 VDC
Current consumption	12 V: 0.08 A (1 W), 24V: 0.08 A (2 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 90 mm
Size in mm	111.3 x 51.3 x 22 (without bracket) 111.3 x 72.5 x 67 (with bracket)
Part number	2PS-357008-001 (without bracket) Short code VF7801 2PS-357008-011 (with bracket) Short code VF7811

HELLA VALUEFIT

LED tail lamp with reflex reflector

Tail light with reflex reflector, rear
Low power consumption, high vibration resistance, protection rating: IP 67 (protected against water immersion)

3 LEDs (red), housing: ABS (black), lens: PMMA (red) with reflex reflector surface, polarity reversal protection, ECE



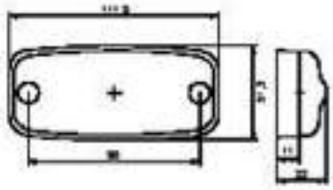
Voltage	Multivolt 9 – 36 VDC
Current consumption	12 V: 0.08 A (1 W), 24V: 0.08 A (2 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 90 mm
Size in mm	111.3 x 51.3 x 22
Part number	2TM-357008-021 Short code VF7821

HELLA VALUEFIT

LED position light with reflex reflector

Position light with reflex reflector, front
Low power consumption, high vibration resistance, protection rating: IP 67 (protected against water immersion)

3 LEDs (white), housing: ABS (black), lens: PMMA (glass-clear) with reflex reflector surface, polarity reversal protection, ECE



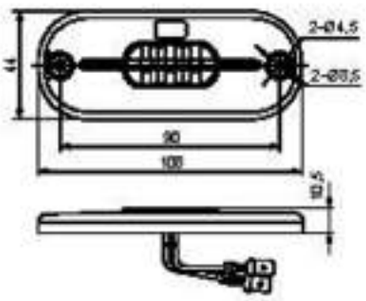
Voltage	Multivolt 9 – 33 VDC
Current consumption	12 V: 0.10 A (1.2 W), 24 V: 0.10 A (2.5 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance: 90 mm
Size in mm	111.3 x 51.3 x 22
Part number	2PG-357008-031 Short code VF7831

HELLA VALUEFIT

LED side marker lamp (oval) with reflex reflector

Side marker light with reflex reflector
Extremely flat, low power consumption, incl. surface sealing to the vehicle, protection rating: IP 67 (protected against water immersion)

5 LEDs (amber), mounting base: ABS (black), lens: PMMA with optics and reflex reflector surface, polarity reversal protection, ECE



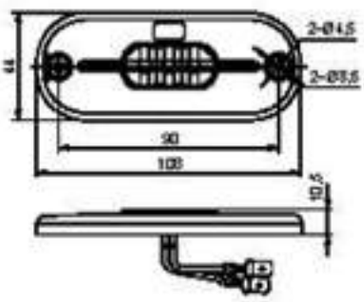
Voltage	12 or 24 VDC
Current consumption	12 V: 0.04 A (0.5 W), 24 V: 0.02 A (0.5 W)
Electrical connection	150 mm cable with 6.3 mm blade terminals and insulating sleeves
Attachment	2 screws (ST4.2), hole distance: 90 mm
Size in mm	108 x 44 x 105
Part number	2PS-357009-001 (12 VDC) Short code VF7901 2PS-357009-101 (24 VDC) Short code VF9101

HELLA VALUEFIT

LED tail lamp (oval) with reflex reflector

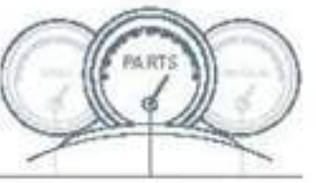
Tail light mit Rückstrahler, rear
Extremely flat, low power consumption, incl. surface sealing to the vehicle, protection rating: IP 67 (protected against water immersion)

5 LEDs (red), mounting base: ABS (black), lens: PMMA with optics and reflex reflector surface, polarity reversal protection, ECE



Voltage	12 or 24 VDC
Current consumption	12 V: 0.04 A (0.5 W), 24 V: 0.02 A (0.5 W)
Electrical connection	150 mm cable with 6.3 mm blade terminals and insulating sleeves
Attachment	2 screws (ST4.2), hole distance: 90 mm
Size in mm	108 x 44 x 105
Part number	2TM-357009-011 (12 VDC) Short code VF7911 2TM-357009-111 (24 VDC) Short code VF9111

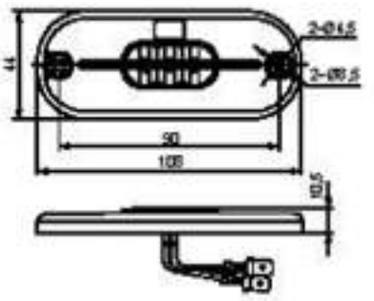
HELLA VALUEFIT



LED position light (oval) with reflex reflector

Position light with reflex reflector, front
Extremely flat, low power consumption, incl. surface sealing to the vehicle, protection rating: IP 67 (protected against water immersion)

5 LEDs (white), mounting base: ABS (black), lens: PMMA with optics and reflex reflector surface, polarity reversal protection, ECE



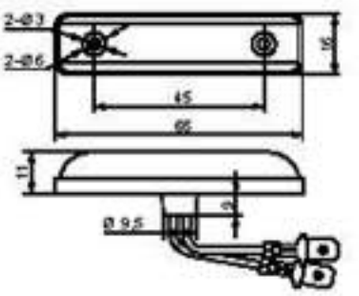
Voltage	12 oder 24 VDC
Current consumption	12 V: 0.04 A (0.5 W), 24 V: 0.02 A (0.5 W)
Electrical connection	150 mm cable with 6.3 mm blade terminals and insulating sleeves
Attachment	2 screws (ST4.2), hole distance 90 mm
Size in mm	108 x 44 x 10.5
Part number	2PG-357009-021 (12 VDC) Short code VF7921 2PG-357009-121 (24 VDC) Short code VF9121

HELLA VALUEFIT

LED side marker lamp

Side marker light
Extremely compact design, low power consumption, incl. surface sealing to the vehicle, rotection rating: IP 67 (protected against water immersion)

4 LEDs (amber), mounting base: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



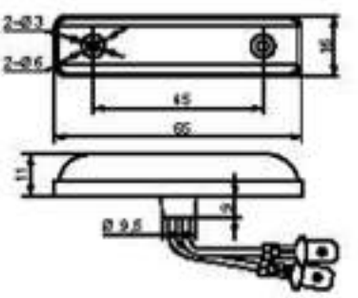
Voltage	12 or 24 VDC
Current consumption	12 V: 0.03 A (0.4 W), 24 V: 0.015 A (0.4 W)
Electrical connection	150 mm cable with 6.3 mm blade terminals and insulating sleeves
Attachment	2 screws (ST3.5), hole distance 45 mm
Size in mm	65 x 16 x 11
Part number	2PS-357010-001 (12 VDC) Short code VF1000 2PS-357010-101 (24 VDC) Short code VF1101

HELLA VALUEFIT

LED tail lamp

Tail light, rear
Extremely compact design, low power consumption, incl. surface sealing to the vehicle, rotection rating: IP 67 (protected against water immersion)

4 LEDs (red), mounting base: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



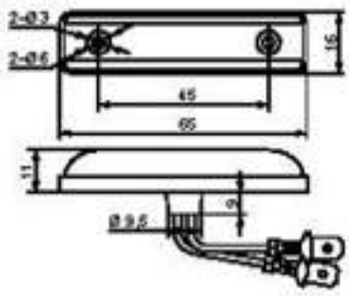
Voltage	12 or 24 VDC
Current consumption	12 V: 0.03 A (0.4 W), 24 V: 0.015 A (0.4 W)
Electrical connection	150 mm cable with 6.3 mm blade terminals and insulating sleeves
Attachment	2 screws (ST3.5), hole distance 45 mm
Size in mm	65 x 16 x 11
Part number	2TM-357010-011 (12 VDC) Short code VF1011 2TM-357010-111 (24 VDC) Short code VF1111

HELLA VALUEFIT

LED position light

Position light, front
Extremely compact design, low power consumption, ind. surface sealing to the vehicle, rotection rating: IP67 (protected against water immersion)

4 LEDs (white), mounting base: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



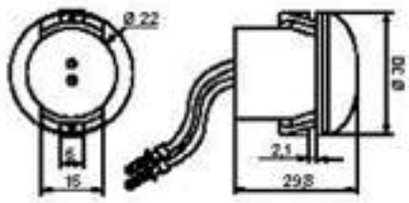
Voltage	12 or 24 VDC
Current consumption	12 V: 0.03 A (0.4 W), 24 V: 0.015 A (0.4 W)
Electrical connection	150 mm cable with 6.3 mm blade terminals and insulating sleeves
Attachment	2 screws (ST3.5), hole distance: 45 mm
Size in mm	65 x 16 x 11
Part number	2PG-357010-021 (12 VDC) Short code VF1021 2PG-357010-121 (24 VDC) Short code VF1121

HELLA VALUEFIT

LED side marker lamp Ø 30 mm

Side marker light
Extremely compact design, low power consumption, snap-on fitting, protection rating: IP67 (protected against water immersion)

1 LED (amber), housing: ABS (black, lens: PMMA with optics, polarity reversal protection, ECE



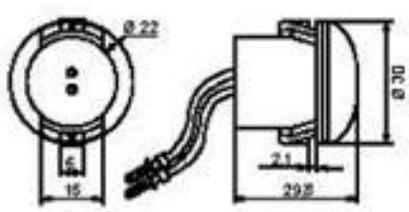
Voltage	Multivolt 9 – 33 VDC
Current consumption	12 V: 0.05 A (0.6 W), 24 V: 0.05 A (1.2 W)
Electrical connection	150 mm cable with 2.8 mm blade terminals
Attachment	Snap-on fitting from front
Size in mm	30 x 30 x 29.8
Part number	2PS-357011-001 Short code VF7101

HELLA VALUEFIT

LED tail lamp Ø 30 mm

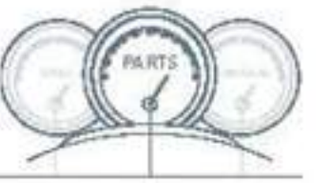
Tail light, rear
Extremely compact design, low power consumption, snap-on fitting, protection rating: IP67 (protected against water immersion)

1 LED (red), housing: ABS (black, lens: PMMA with optics, polarity reversal protection, ECE



Voltage	Multivolt 9 – 33 VDC
Current consumption	12 V: 0.05 A (0.6 W), 24 V: 0.05 A (1.2 W)
Electrical connection	150 mm cable with 2.8 mm blade terminals
Attachment	Snap-on fitting from front
Size in mm	30 x 30 x 29.8
Part number	2TM-357011-011 Short code VF7111

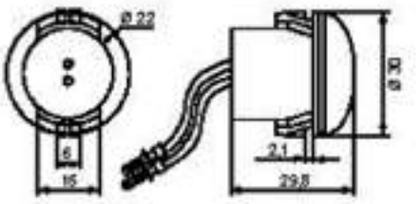
HELLA VALUEFIT



LED position light Ø 30 mm

Position light, front
Extremely compact design, low power consumption, snap-on fitting, protection rating: IP67 (protected against water immersion)

1 LED (white), housing: ABS (black, lens: PMMA with optics, polarity reversal protection, ECE



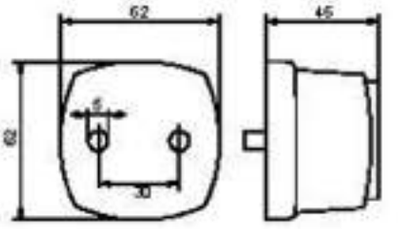
Voltage	Multivolt 9 – 33 VDC
Current consumption	12 V: 0.05 A (0.6 W), 24 V: 0.05 A (1.2 W)
Electrical connection	150 mm cable with 2.8 mm blade terminals
Attachment	Snap-on fitting from front
Size in mm	30 x 30 x 29.8
Part number	2PG-357011-021 Short code VF7121

HELLA VALUEFIT

Side marker lamp with reflex reflector

Side marker light with reflex reflector
Compact design, snap-on lens enables easy replacement of bulb and lens

Mounting base: ABS (black), lens: PMMA with optics and reflex reflector surface, ECE
Bulb not included



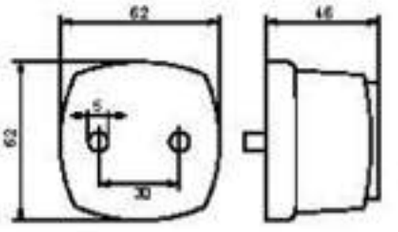
Voltage	12 or 24 VDC
Current consumption	5 W (Bulb)
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M5), distance 30 mm
Size in mm	62 x 62 x 46
Part number	2PS-357012-001 Short code VF1201
Spare part Accessory	9EL-357012-101 (Lens, amber) Short code VF7201 8GM-002092-121 (12 V, C5W-bulb – PU 10 pieces) 8GM-002092-241 (24 V, C5W-bulb – PU 10 pieces)

HELLA VALUEFIT

Tail lamp with reflex reflector

Tail light with reflex reflector, rear
Compact design, snap-on lens enables easy replacement of bulb and lens

Mounting base: ABS (black), lens: PMMA with optics and reflex reflector surface, ECE
Bulb not included



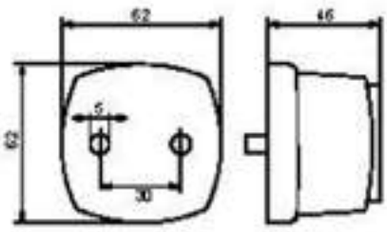
Voltage	12 or 24 VDC
Current consumption	5 W (Bulb)
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M5), distance 30 mm
Size in mm	62 x 62 x 46
Part number	2TM-357012-011 Short code VF1211
Spare part Accessory	9EL-357012-111 (Lens, red) Short code VF7211 8GM-002092-121 (12 V, C5W-bulb – PU 10 pieces) 8GM-002092-241 (24 V, C5W-bulb – PU 10 pieces)

HELLA VALUEFIT

Position light with reflex reflector

Position light with reflex reflector, front
Compact design, snap-on lens enables easy replacement of bulb and lens

Mounting base: ABS (black), lens: PMMA with optics and reflex reflector surface, ECE
Bulb not included



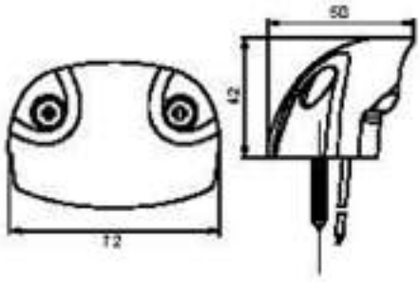
Voltage	12 or 24 VDC
Current consumption	5 W (Bulb)
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M6), distance 30 mm
Size in mm	62 x 62 x 46
Part number	2PG-357012-021 Short code VF1221
Spare part Accessory	9EL-357012-121 (Lens, clear) Short code VF7221 8GM-002092-121 (12 V, C5W-bulb – PU 10 pieces) 8GM-002092-241 (24 V, C5W-bulb – PU 10 pieces)

HELLA VALUEFIT

LED license plate light

License plate light
Compact design, high vibration resistance, low power consumption, protection rating: IP 67 (protected against water immersion)

4 white LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE, surface-mounting variant



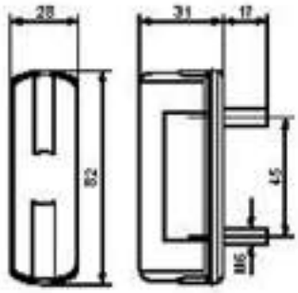
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 V: 0.08 A (1 W), 24 V: 0.04 A (1 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 45 mm
Size in mm	72 x 50 x 42
Part number	2KA-357013-001 Short code VF1301

HELLA VALUEFIT

License plate light

License plate light
Compact design

Housing: ABS (black), lens: PMMA with optics, ECE
Bulb not included



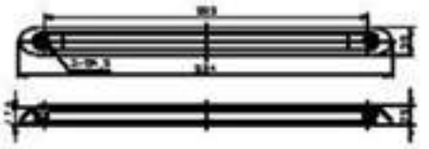
Voltage	12 or 24 VDC
Current consumption	5 W (Bulb)
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	82 x 28 x 31
Part number	2KA-357014-001 Short code VF4001
Accessory	8GM-002092-121 (12 V, C5W-bulb – PU 10 pieces) 8GM-002092-241 (24 V, C5W-bulb – PU 10 pieces)

HELLA VALUEFIT

LED auxiliary brake light

Auxiliary brake light
Extremely compact design, high vibration resistance, low power consumption, protection rating: IP 67 (protected against water immersion)

24 red LEDs, housing: ABS (red), lens: PMMA (glass-clear), polarity reversal protection, ECE, flush or surface mounting using attachment frame (included)



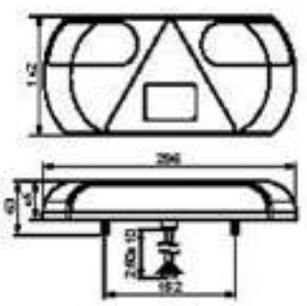
Voltage	12 or 24 VDC
Current consumption	12 V: 0.21 A (2.5 W), 24 V: 0.21 A (5 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 338 mm
Size in mm	384 x 30 x 20
Part number	2DA-357015-001 (12 VDC) Short code VF1501 2DA-357015-101 (24 VDC) Short code VF1511

HELLA VALUEFIT

LED multi-function light, 12 VDC

Tail light/ stop light/ indicator/ rear fog light/ back-up light with triangular reflex reflector (left/ right)
Modern design, integrated control unit for indicator failure control, high vibration resistance, protection rating: IP 67 (protected against water immersion)

32 LEDs (tail/ stop light: 9 red LEDs, indicator light: 7 amber LEDs, rear fog light: 9 red LEDs, back-up light: 7 white LEDs), housing: ABS (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



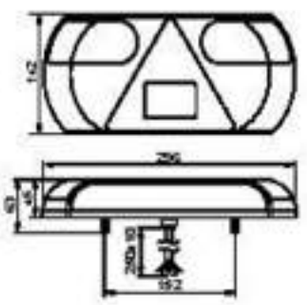
Voltage	12 VDC
Current consumption	Tail light: 0.08 A (1 W) Stop light: 0.25 A (3 W) Indicator: 0.25 A (3 W) Rear fog light: 0.33 A (4 W) Back-up light: 0.25 A (3 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance: 152 mm
Size in mm	296 x 142 x 45
Part number	2VP-357016-011 (left) Short code VF7611 2VP-357016-021 (right) Short code VF7621

HELLA VALUEFIT

LED multi-function light, 24 VDC

Tail light/ stop light/ indicator/ rear fog light/ back-up light with triangular reflex reflector (left/ right)
Modern design, integrated control unit for indicator failure control, high vibration resistance, protection rating: IP 67 (protected against water immersion)

32 LEDs (tail/ stop light: 9 red LEDs, indicator light: 7 amber LEDs, rear fog light: 9 red LEDs, back-up light: 7 white LEDs), housing: ABS (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



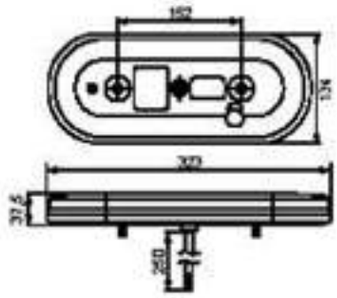
Voltage	24 VDC
Current consumption	Tail light: 0.04 A (1 W) Stop light: 0.125 A (3 W) Indicator: 0.125 A (3 W) Rear fog light: 0.17 A (4 W) Back-up light: 0.125 A (3 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance: 152 mm
Size in mm	296 x 142 x 45
Part number	2VP-357016-111 (left) Short code VF6111 2VP-357016-121 (right) Short code VF6121

HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/indicator/ rear fog light/back-up light with reflex reflector (left/ right)
Modern design, horizontal and vertical mounting, high vibraiton resistance, protection rating: IP 67 (protected against water immersion)

62 LEDs (tail light: 8 red LEDs, stop light: 15 red LEDs, indicator: 12 amber LEDs, rear fog light: 15 red LEDs, back-up light: 12 white LEDs), housing: ABS (black), lens: PMMA (glass-clear) and with optics, polarity reversal protection, ECE



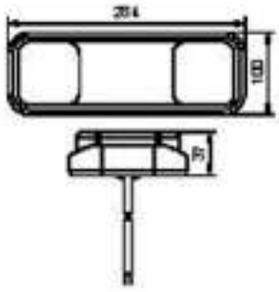
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 V: 0.08 A (1 W), 24 V: 0.04 A (1 W) Stop light: 12 V: 0.125 A (1.5 W), 24 V: 0.06 A (1.5 W) Indicator: 12 V: 0.125 A (1.5 W), 24 V: 0.06 A (1.5 W) Rear fog light: 12 V: 0.21 A (2.5 W), 24 V: 0.10 A (2.5 W) Back-up light: 12 V: 0.30 A (3.5 W), 24 V: 0.15 A (3.5 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance: 152 mm
Size in mm	323 x 134 x 37.5
Part number	2VP-357017-011 (left) Short code VF1711 2VP-357017-021 (right) Short code VF1721
Accessory	Indicator control unit for monitoring LED indicator 5DS-357099-001 (12 VDC) Short code VF3001 5DS-357099-101 (24 VDC) Short code VF3101

HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/indicator/ back-up light with reflex reflector (left/ right)
Modern design, separate attachment frame incl. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

36 LEDs (tail light/stop light: 12 red LEDs, indicator: 12 amber LEDs, back-up light: 12 white LEDs), housing and attachment frame: ABS (black), lens: PC (glass-clear), polarity reversal protection, ECE



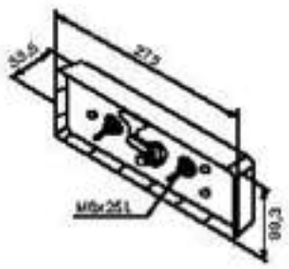
Voltage	Multivolt 12 / 24 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W) Indicator: 12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W) Back-up light: 12 VDC: 0.20 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	550 mm cable with exposed cable ends
Attachment	Separate attachment frame with various positions for 2 screws (M6), hole distance: 116 mm or 195 mm
Size in mm	284 x 100 x 37
Part number	2VP-357018-001 Short code VF1801
Accessory	Indicator control unit for monitoring LED indicator 5DS-357099-001 (12 VDC) 5DS-357099-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

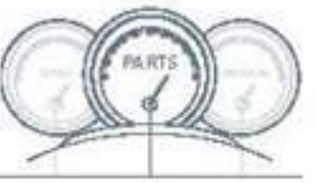
Tail light/ stop light/indicator/ back-up light with reflex reflector (left/ right)
Compact design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

40 LEDs (tail light/stop light: 12 red LEDs, indicator: 12 amber LEDs, back-up light: 16 white LEDs, housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE



Voltage	Multivolt 9 – 36 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.03 A (0.7 W) Stop light: 12 VDC: 0.3 A (3.6 W), 24 VDC: 0.17 A (4.1 W) Indicator: 12 VDC: 0.28 A (3.4 W), 24 VDC: 0.16 A (3.9 W) Back-up light: 12 VDC: 0.15 A (1.8 W), 24 VDC: 0.09 A (2.1 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance: 117 mm
Size in mm	275 x 99.3 x 33.5
Part number	2VP-357019-001 Short code VF9001
Accessory	Indicator control unit for monitoring LED indicator 5DS-357099-001 (12 VDC) 5DS-357099-101 (24 VDC)

HELLA VALUEFIT

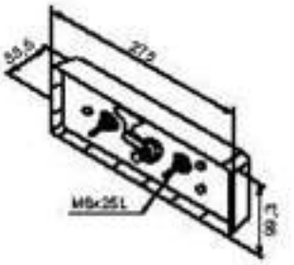


LED multi-function light

Tail light/ stop light/ indicator/ rear fog light with reflex reflector (left/ right)
Compact design, high vibration resistance, protection rating: IP67 (protected against water immersion)

40 LEDs (tail light/ stop light: 12 red LEDs, indicator: 12 amber LEDs, rear fog light: 16 red LEDs), housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE

Voltage	Multivolt 9 – 36 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.03 A (0.7 W) Stop light: 12 VDC: 0.3 A (3.6 W), 24 VDC: 0.17 A (4.1 W) Indicator: 12 VDC: 0.28 A (3.4 W), 24 VDC: 0.16 A (3.9 W) Nebel/Tail light: 12 VDC: 0.25 A (3 W), 24 VDC: 0.14 A (3.3 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 117 mm
Size in mm	275 x 99.3 x 33.5
Part number	2VP-357019-011 Short code VF9911
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)



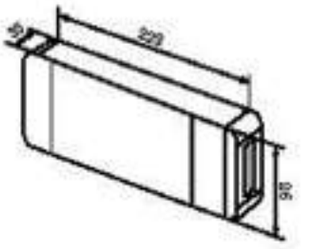
HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/ indicator/ license plate light with reflex reflector (left/ right)
Compact design, high vibration resistance, protection rating: IP67 (protected against water immersion)

27 LEDs (tail light/ stop light: 12 red LEDs, indicator: 12 amber LEDs, license plate light: 3 white LEDs), housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE

Voltage	Multivolt 9 – 36 VDC
Current consumption	Tail light/ license plate light: 12 VDC: 0.08 A (0.6 W), 24 VDC: 0.04 A (0.9 W) Stop light: 12 VDC: 0.26 A (3.1 W), 24 VDC: 0.16 A (3.8 W) Indicator: 12 VDC: 0.27 A (3.2 W), 24 VDC: 0.13 A (3.2 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 40 to 90 mm
Size in mm	223 x 98 x 35
Part number	2VB-357020-001 Short code VF5701
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)



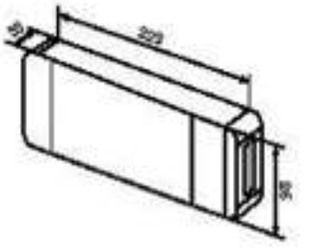
HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/ indicator with reflex reflector (left/ right)
Compact design, high vibration resistance, protection rating: IP67 (protected against water immersion)

24 LEDs (tail light/ stop light: 12 red LEDs, indicator: 12 amber LEDs, housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE

Voltage	Multivolt 9 – 36 VDC
Current consumption	Tail light: 12 VDC: 0.08 A (0.6 W), 24 VDC: 0.04 A (0.9 W) Stop light: 12 VDC: 0.26 A (3.1 W), 24 VDC: 0.16 A (3.8 W) Indicator: 12 VDC: 0.27 A (3.2 W), 24 VDC: 0.13 A (3.2 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 40 to 90 mm
Size in mm	223 x 98 x 35
Part number	2VA-357020-011 Short code VF5711
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

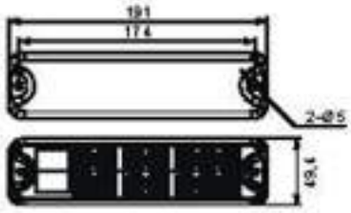


HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/indicator with reflex reflector (left/ right)
Modern, compact design, incl. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

18 LEDs (tail light/stop light 8 red LEDs, indicator: 10 amber LEDs), housing: ABS (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



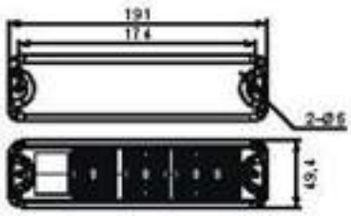
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W) Indicator: 12 VDC: 0.125 A (1.5 W), 24 VDC: 0.6 A (1.5 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance: 174 mm
Size in mm	191 x 49.4 x 28
Part number	2VA-357021-001 Short code VF2101
Accessory	Indicator control unit for monitoring LED indicator 5DS-357089-001 (12 VDC) 5DS-357089-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/indicator/ back-up light with reflex reflector (left/ right)
Modern, compact design, incl. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

21 LEDs (tail light/stop light 6 red LEDs, indicator: 6 amber LEDs, back-up light 9 white LEDs), housing: ABS (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



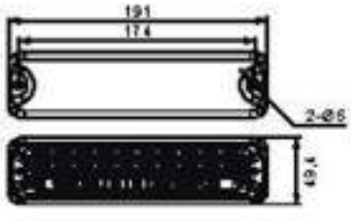
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W) Indicator: 12 VDC: 0.125 A (1.5 W), 24 VDC: 0.6 A (1.5 W) Back-up light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance: 174 mm
Size in mm	191 x 49.4 x 28
Part number	2VP-357021-011 Short code VF2111
Accessory	Indicator control unit for monitoring LED indicator 5DS-357089-001 (12 VDC) 5DS-357089-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

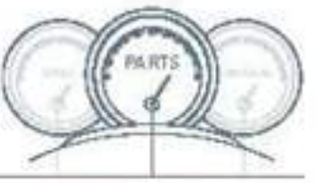
Tail light/ stop light/indicator/ back-up light (left/ right)
Modern, compact design, incl. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

22 LEDs (tail light/stop light: 7 red LEDs, indicator: 7 amber LEDs, back-up light 8 white LEDs), housing: ABS (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W) Indicator: 12 VDC: 0.125 A (1.5 W), 24 VDC: 0.6 A (1.5 W) Back-up light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance: 174 mm
Size in mm	191 x 49.4 x 28
Part number	2VP-357021-031 (left) Short code VF2131 2VP-357021-041 (right) Short code VF2141
Accessory	Indicator control unit for monitoring LED indicator 5DS-357089-001 (12 VDC) 5DS-357089-101 (24 VDC)

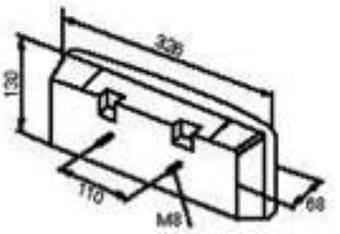
HELLA VALUEFIT



LED multi-function light

Tail light/ stop light/ indicator (left/ right)
High vibration resistance, sealed LED module, protection rating: IP 67 (protected against water immersion)

33 LEDs (tail light: 9 red LEDs, stop light: 12 red LEDs, indicator: 12 amber LEDs), housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE



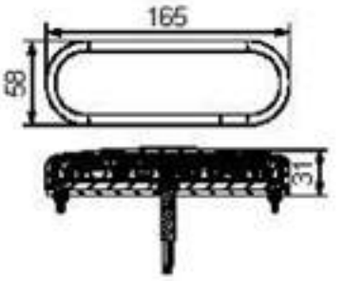
Voltage	Multivolt 9 – 36 VDC
Current consumption	Tail light: 12 VDC: 0.08 A (0.9 W), 24 VDC: 0.05 A (1.3 W) Stop light: 12 VDC: 0.38 A (4.6 W), 24 VDC: 0.24 A (5.7 W) Indicator: 12 VDC: 0.27 A (3.2 W), 24 VDC: 0.16 A (3.9 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M8), distance: 110 mm
Size in mm	326 x 130 x 68
Part number	2SD-357026-001 Short code VF2401
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/ indicator, rear (left/ right)
Compact design, ind. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

26 LEDs (tail light/ stop light: 12 red LEDs, indicator: 14 amber LEDs), housing: ABS (black), lens: PMMA with side optics, polarity reversal protection, ECE



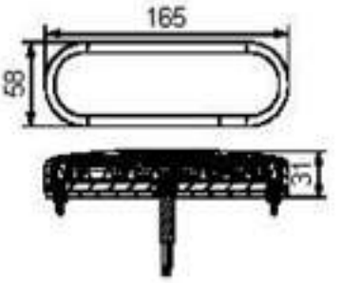
Voltage	Multivolt 12 / 24 VDC
Current consumption	Tail light: 12 VDC: 0.025 A (0.3 W), 24 VDC: 0.0125 A (0.3 W) Stop light: 12 VDC: 0.12 A (1.5 W), 24 VDC: 0.06 A (1.5 W) Indicator, rear: 12 VDC: 0.13 A (1.6 W), 24 VDC: 0.07 A (1.6 W)
Electrical connection	210 mm cable with exposed cable ends
Attachment	2 stud bolts (M4), distance: 146 mm
Size in mm	165 x 58 x 31
Part number	2SD-357022-011 Short code VF2211
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

Indicator / position light, front (left / right)
Compact design, ind. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

26 LEDs (position light: 12 white LEDs, indicator: 14 amber LEDs), housing: ABS (black), lens: PMMA with side optics, polarity reversal protection, ECE



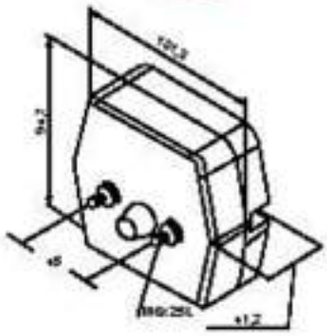
Voltage	Multivolt 12 / 24 VDC
Current consumption	Indicator, front: 12 VDC: 0.20 A (2.3 W), 24 VDC: 0.10 A (2.3 W) Position light: 12 VDC: 0.06 A (0.8 W), 24 VDC: 0.03 A (0.8 W)
Electrical connection	210 mm cable with exposed cable ends
Attachment	2 stud bolts (M4), distance: 146 mm
Size in mm	165 x 58 x 31
Part number	2BE-357022-001 Short code VF2201
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/indicator/ license plate light with reflex reflector (left/ right)
Compact design, high vibration resistance, sealed LED module, protection rating: IP67
(protected against water immersion)

25 LEDs (tail light/stop light: 12 red LEDs, indicator: 10 amber LEDs, license plate light: 3 white LEDs), housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE



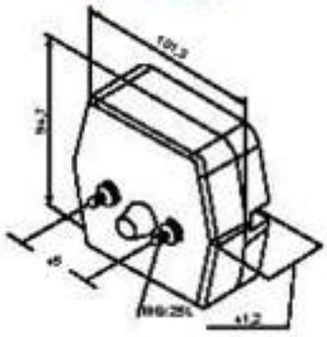
Voltage	Multivolt 9 – 36 VDC
Current consumption	Tail light/ license plate light: 12 VDC: 0.05 A (0.6 W), 24 VDC: 0.003 A (0.6 W) Stop light: 12 VDC: 0.3 A (3.6 W), 24 VDC: 0.21 A (5 W) Indicator: 12 VDC: 0.33 A (4 W), 24 VDC: 0.24 A (5.8 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	101.3 x 94.7 x 41.2
Part number	2VB-357023-011 Short code VF2311
Accessory	Indicator control unit for monitoring LED indicator 505-357089-001 (12 VDC) 505-357089-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

Tail light/ stop light/indicator with reflex reflector (left/ right)
Compact design, high vibration resistance, sealed LED module, protection rating: IP67
(protected against water immersion)

22 LEDs (tail light/stop light: 12 red LEDs, indicator: 10 amber LEDs), housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE



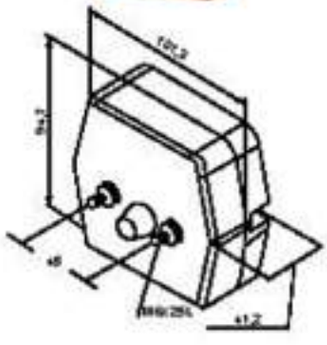
Voltage	Multivolt 9 – 36 VDC
Current consumption	Tail light: 12 VDC: 0.03 A (0.4 W), 24 VDC: 0.02 A (0.4 W) Stop light: 12 VDC: 0.3 A (3.6 W), 24 VDC: 0.21 A (5 W) Indicator: 12 VDC: 0.33 A (4 W), 24 VDC: 0.24 A (5.8 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	101.3 x 94.7 x 41.2
Part number	2VA-357023-021 Short code VF2321
Accessory	Indicator control unit for monitoring LED indicator 505-357089-001 (12 VDC) 505-357089-101 (24 VDC)

HELLA VALUEFIT

LED multi-function light

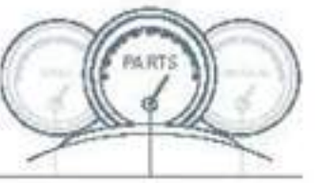
Indicator / position light, front (left / right)
Compact design, high vibration resistance, sealed LED module, protection rating: IP67
(protected against water immersion)

20 LEDs (position light: 2 white LEDs, indicator: 18 amber LEDs), housing: ABS (black), lens: PC with optics, polarity reversal protection, ECE



Voltage	Multivolt 9 – 36 VDC
Current consumption	Indicator, front: 12 VDC: 0.34 A (4 W), 24 VDC: 0.24 A (5.8 W) Position light: 12 VDC: 0.03 A (0.4 W), 24 VDC: 0.02 A (0.4 W)
Electrical connection	500 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	101.3 x 94.7 x 41.2
Part number	2BE-357023-001 Short code VF2301
Accessory	Indicator control unit for monitoring LED indicator 505-357089-001 (12 VDC) 505-357089-101 (24 VDC)

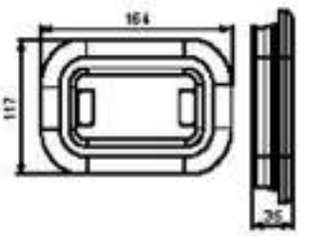
HELLA VALUEFIT



LED light series

Tail light/ stop light
Modern design, horizontal and vertical mounting, high vibration resistance, protection rating: IP 67 (protected against water immersion)

13 LEDs, housing: ABS, PC (white), lens: PMMA (glass-clear), polarity reversal protection, ECE, SAE



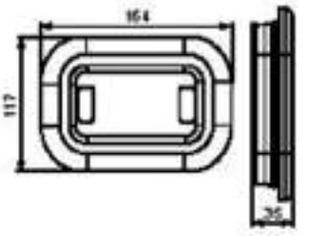
Voltage	Multivolt 12 / 24 VDC
Current consumption	Tail light: 12 VDC: 0.03 A (0.4 W), 24 VDC: 0.016 A (0.4 W) Stop light: 12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	200 mm cable with exposed cable ends
Attachment	via fins on rubber housing
Size in mm	164 x 117 x 35
Part number	2SB-357025-001 Short code VF5001

HELLA VALUEFIT

LED light series

Indicator, rear
Modern design, horizontal and vertical mounting, high vibration resistance, protection rating: IP 67 (protected against water immersion)

13 LEDs, housing: ABS, PC (white), lens: PMMA (glass-clear), polarity reversal protection, ECE, SAE



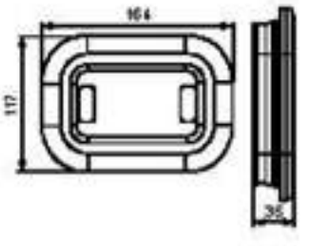
Voltage	Multivolt 12 / 24 VDC
Current consumption	12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	200 mm cable with exposed cable ends
Attachment	via fins on rubber housing
Size in mm	164 x 117 x 35
Part number	2BA-357025-011 Short code VF5011
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

HELLA VALUEFIT

LED light series

Back-up light
Modern design, horizontal and vertical mounting, high vibration resistance, protection rating: IP 67 (protected against water immersion)

13 LEDs, housing: ABS, PC (white), lens: PMMA (glass-clear), polarity reversal protection, ECE, SAE



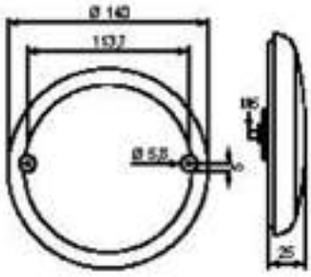
Voltage	Multivolt 12 / 24 VDC
Current consumption	12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	200 mm cable with exposed cable ends
Attachment	via fins on rubber housing
Size in mm	164 x 117 x 35
Part number	2ZR-357025-021 Short code VF5021

HELLA VALUEFIT

LED light series Ø 140 mm

Tail light / stop light / indicator
Modern design, extremely flat (25 mm), high vibration resistance, protection rating: IP 67 (protected against water immersion)

20 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



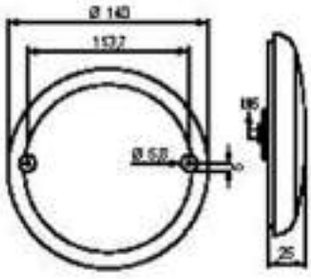
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W) Indicator: 12 VDC: 0.5 A (6 W), 24 VDC: 0.25 A (6 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	140 x 140 x 25
Part number	2SD-357026-001 Short code VF6001
Accessory	Indicator control unit for monitoring LED indicator 5DS-357089-001 (12 VDC) 5DS-357089-101 (24 VDC)

HELLA VALUEFIT

LED light series Ø 140 mm

Tail light / stop light
Modern design, extremely flat (25 mm), high vibration resistance, protection rating: IP 67 (protected against water immersion)

20 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



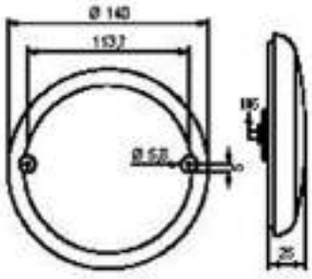
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	140 x 140 x 25
Part number	2SB-357026-011 Short code VF2601

HELLA VALUEFIT

LED light series Ø 140 mm

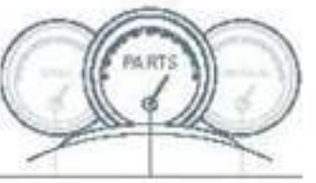
Indicator, rear
Modern design, extremely flat (25 mm), high vibration resistance, protection rating: IP 67 (protected against water immersion)

20 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.5 A (6 W), 24 VDC: 0.25 A (6 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	140 x 140 x 25
Part number	2BA-357026-021 Short code VF2602
Accessory	Indicator control unit for monitoring LED indicator 5DS-357089-001 (12 VDC) 5DS-357089-101 (24 VDC)

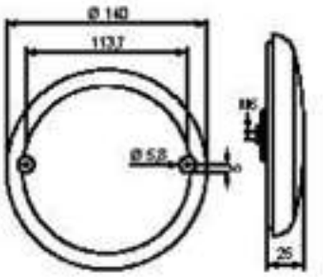
HELLA VALUEFIT



LED light series Ø 140 mm

Back-up light
Modern design, extremely flat (25 mm), high vibration resistance, protection rating: IP 67 (protected against water immersion)

20 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



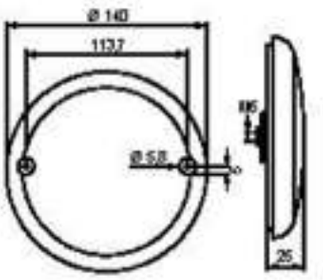
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	140 x 140 x 25
Part number	2ZR-357026-041 Short code VF6041

HELLA VALUEFIT

LED light series Ø 140 mm

Rear fog light
Modern design, extremely flat (25 mm), high vibration resistance, protection rating: IP 67 (protected against water immersion)

20 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



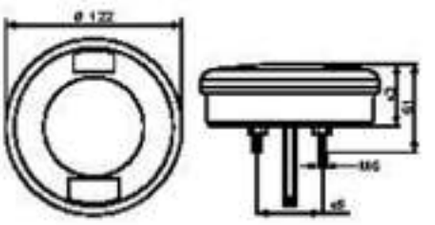
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	140 x 140 x 25
Part number	2NE-357026-031 Short code VF2631

HELLA VALUEFIT

LED light series Ø 122 mm

Tail light / stop light / indicator
Modern design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

24 LEDs, housing: ABS / PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



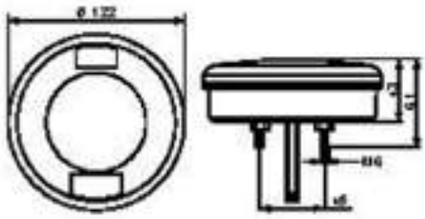
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W) Indicator: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	122 x 122 x 43
Part number	2SD-357027-001 Short code VF7001
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

HELLA VALUEFIT

LED light series Ø 122 mm

Tail light / stop light
Modern design, high vibration resistance, protection rating IP 67 (protected against water immersion)

24 LEDs, housing: ABS / PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



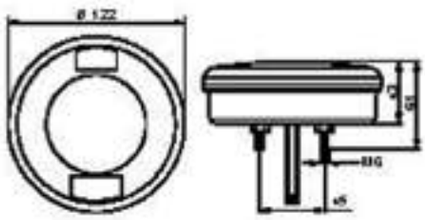
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	122 x 122 x 43
Part number	2SB-357027-011 Short code VF7011

HELLA VALUEFIT

LED light series Ø 122 mm

Indicator, rear / front
Modern design, high vibration resistance, protection rating IP 67 (protected against water immersion)

24 LEDs, housing: ABS / PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



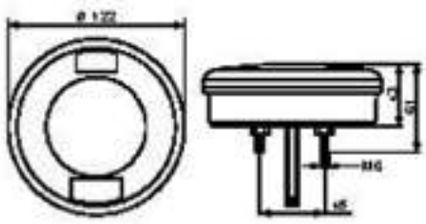
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	122 x 122 x 43
Part number	2BA-357027-021 Short code VF7021
Accessory	Indicator control unit for monitoring LED indicator 5DS-357099-001 (12 VDC) 5DS-357099-101 (24 VDC)

HELLA VALUEFIT

LED light series Ø 122 mm

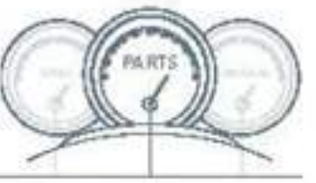
Indicator / position light, front
Modern design, high vibration resistance, protection rating IP 67 (protected against water immersion)

24 LEDs, housing: ABS / PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



Voltage	Multivolt 10 – 30 VDC
Current consumption	Indicator: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W) Position light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	122 x 122 x 43
Part number	2BE-357027-061 Short code VF7061
Accessory	Indicator control unit for monitoring LED indicator 5DS-357099-001 (12 VDC) 5DS-357099-101 (24 VDC)

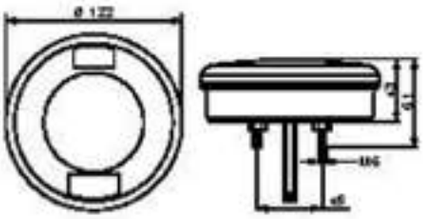
HELLA VALUEFIT



LED light series Ø 122 mm

Back-up light
Modern design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

24 LEDs, housing: ABS/ PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



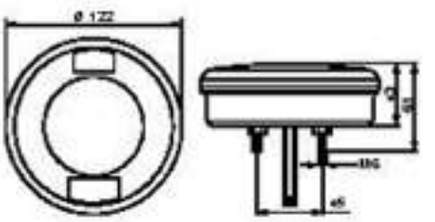
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	122 x 122 x 43
Part number	2ZR-357027-041 Short code VF7041

HELLA VALUEFIT

LED light series Ø 122 mm

Rear fog light
Modern design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

24 LEDs, housing: ABS/ PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



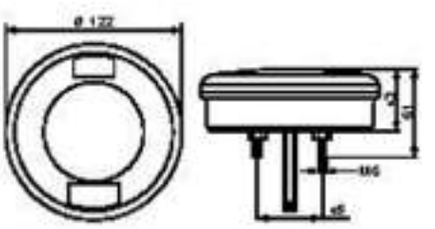
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	122 x 122 x 43
Part number	2NE-357027-031 Short code VF7031

HELLA VALUEFIT

LED light series Ø 122 mm

Rear fog light/ back-up light
Modern design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

24 LEDs, housing: ABS/ PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



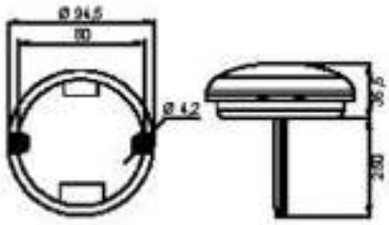
Voltage	Multivolt 10 – 30 VDC
Current consumption	Rear fog light: 12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W) Back-up light: 12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M6), distance 45 mm
Size in mm	122 x 122 x 43
Part number	2NR-357027-051 Short code VF7051

HELLA VALUEFIT

LED light series Ø 95 mm

Tail light/ stop light/ indicator
Modern design, extremely flat (35.5 mm), ind. surface sealing to vehicle, high vibration resistance, protection rating IP 67 (protected against water immersion)

17 LEDs, housing: ABS / PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



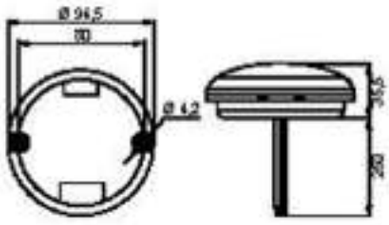
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W) Indicator: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance: 80 mm
Size in mm	94.5 x 94.5 x 35.5
Part number	2SD-357028-001 Short code VF8001
Accessory	Indicator control unit for monitoring LED indicator 5DS-357089-001 (12 VDC) 5DS-357089-101 (24 VDC)

HELLA VALUEFIT

LED light series Ø 95 mm

Tail light/ stop light
Modern design, extremely flat (35.5 mm), ind. surface sealing to vehicle, high vibration resistance, protection rating IP 67 (protected against water immersion)

17 LEDs, housing: ABS / PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



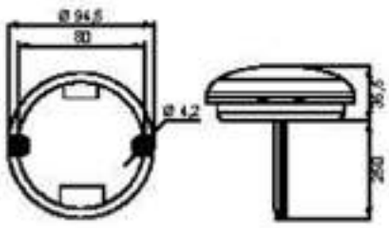
Voltage	Multivolt 10 – 30 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance: 80 mm
Size in mm	94.5 x 94.5 x 35.5
Part number	2SB-357028-011 Short code VF8011

HELLA VALUEFIT

LED light series Ø 95 mm

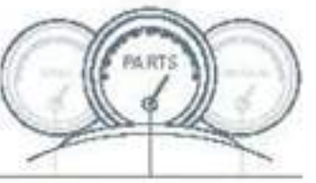
Indicator, rear / front
Modern design, extremely flat (35.5 mm), ind. surface sealing to vehicle, high vibration resistance, protection rating IP 67 (protected against water immersion)

17 LEDs, housing: ABS / PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	250 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance: 80 mm
Size in mm	94.5 x 94.5 x 35.5
Part number	2BA-357028-021 Short code VF8021
Accessory	Indicator control unit for monitoring LED indicator 5DS-357089-001 (12 VDC) 5DS-357089-101 (24 VDC)

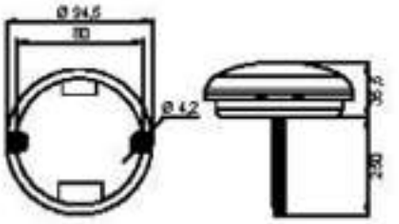
HELLA VALUEFIT



LED light series Ø 95 mm

Indicator / position light, front
Modern design, extremely flat (35.5 mm), incl. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

17 LEDs, housing: ABS/ PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



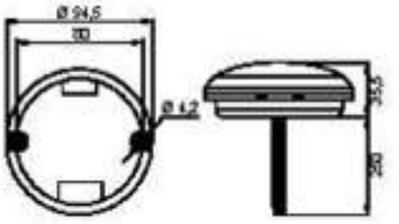
Voltage	Multivolt 10 – 30 VDC
Current consumption	Indicator: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W) Position Light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 80 mm
Size in mm	94.5 x 94.5 x 35.5
Part number	2BE-357028-051 Short code VF8051
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

HELLA VALUEFIT

LED light series Ø 95 mm

Back-up light
Modern design, extremely flat (35.5 mm), incl. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

12 LEDs, housing: ABS/ PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



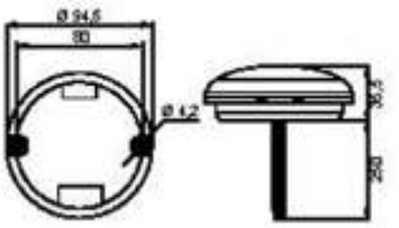
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.125 A (1.5 W), 24 VDC: 0.06 A (1.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 80 mm
Size in mm	94.5 x 94.5 x 35.5
Part number	2ZR-357028-041 Short code VF8041

HELLA VALUEFIT

LED light series Ø 95 mm

Rear fog light
Modern design, extremely flat (35.5 mm), incl. surface sealing to vehicle, high vibration resistance, protection rating: IP 67 (protected against water immersion)

17 LEDs, housing: ABS/ PC (black), lens: PMMA (glass-clear), polarity reversal protection, ECE



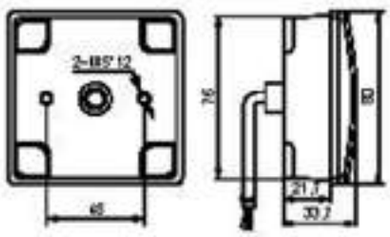
Voltage	Multivolt 10 – 30 VDC
Current consumption	12 VDC: 0.25 A (3 W), 24 VDC: 0.125 A (3 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 screws (ST4.2), hole distance 80 mm
Size in mm	94.5 x 94.5 x 35.5
Part number	2NE-357028-031 Short code VF8031

HELLA VALUEFIT

LED light series

Tail light/ stop light/ indicator
Compact design, flat design, high vibration resistance, protection rating: IP67 (protected against water immersion)

24 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



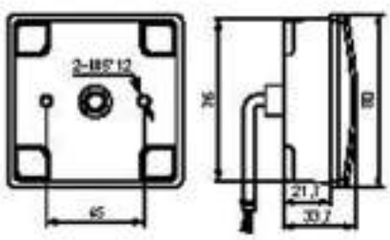
Voltage	12 or 24 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W) Indicator: 12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M5), distance 45 mm
Size in mm	80 x 80 x 33.7
Part number	2SD-357029-001 (12 VDC) Short code VF2900 2SD-357029-101 (24 VDC) Short code VF2910
Accessory	Indicator control unit for monitoring LED indicator 5DS-357099-001 (12 VDC) 5DS-357099-101 (24 VDC)

HELLA VALUEFIT

LED light series

Tail light/ stop light
Compact design, flat design, high vibration resistance, protection rating: IP67 (protected against water immersion)

24 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



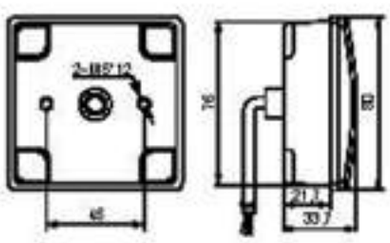
Voltage	12 or 24 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Stop light: 12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M5), distance 45 mm
Size in mm	80 x 80 x 33.7
Part number	2SB-357029-011 (12 VDC) Short code VF2901 2SB-357029-111 (24 VDC) Short code VF2911

HELLA VALUEFIT

LED light series

Tail light/ indicator
Compact design, flat design, high vibration resistance, protection rating: IP67 (protected against water immersion)

24 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



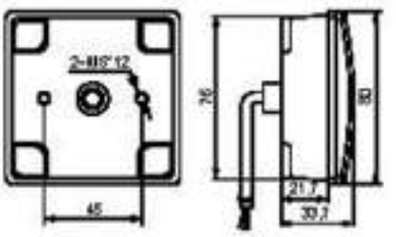
Voltage	12 or 24 VDC
Current consumption	Tail light: 12 VDC: 0.04 A (0.5 W), 24 VDC: 0.02 A (0.5 W) Indicator: 12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M5), distance 45 mm
Size in mm	80 x 80 x 33.7
Part number	2SW-357029-021 (12 VDC) Short code VF2902 2SW-357029-121 (24 VDC) Short code VF2921
Accessory	Indicator control unit for monitoring LED indicator 5DS-357099-001 (12 VDC) 5DS-357099-101 (24 VDC)

HELLA VALUEFIT

LED light series

Indicator
Compact design, flat design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

24 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



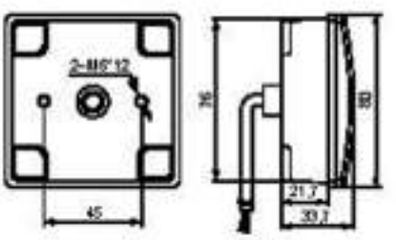
Voltage	12 or 24 VDC
Current consumption	12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M5), distance 45 mm
Size in mm	80 x 80 x 33.7
Part number	2BA-357029-031 (12 VDC) Short code VF2903 2BA-357029-131 (24 VDC) Short code VF2931
Accessory	Indicator control unit for monitoring LED indicator 5DS-357030-001 (12 VDC) 5DS-357030-101 (24 VDC)

HELLA VALUEFIT

LED light series

Back-up light
Compact design, flat design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

24 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



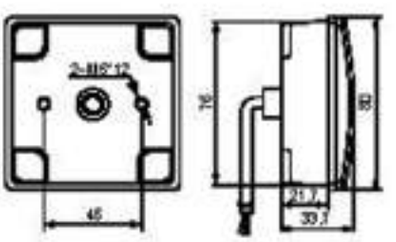
Voltage	12 or 24 VDC
Current consumption	12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M5), distance 45 mm
Size in mm	80 x 80 x 33.7
Part number	2ZR-357029-051 (12 VDC) Short code VF2905 2ZR-357029-151 (24 VDC) Short code VF2951

HELLA VALUEFIT

LED light series

Rear fog light
Compact design, flat design, high vibration resistance, protection rating: IP 67 (protected against water immersion)

24 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



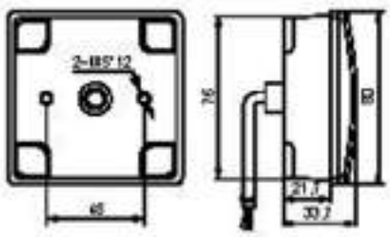
Voltage	12 or 24 VDC
Current consumption	12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M5), distance 45 mm
Size in mm	80 x 80 x 33.7
Part number	2NE-357029-041 (12 VDC) Short code VF2904 2NE-357029-141 (24 VDC) Short code VF2941

HELLA VALUEFIT

LED light series

Rear fog light/ back-up light
Compact design, flat design, high vibration resistance, protection rating: IP67 (protected against water immersion)

24 LEDs, housing: ABS (black), lens: PMMA with optics, polarity reversal protection, ECE



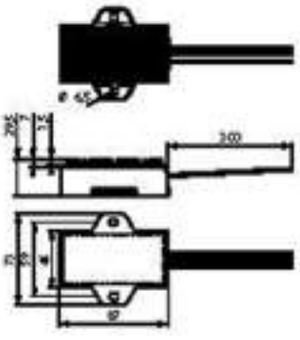
Voltage	12 or 24 VDC
Current consumption	Rear fog light: 12 VDC: 0.21 A (2.5 W), 24 VDC: 0.10 A (2.5 W) Back-up light: 12 VDC: 0.16 A (2 W), 24 VDC: 0.08 A (2 W)
Electrical connection	260 mm cable with exposed cable ends
Attachment	2 stud bolts (M5), distance 45 mm
Size in mm	80 x 80 x 33.7
Part number	2NR-357029-061 (12 VDC) Short code VF2906 2NR-357029-161 (24 VDC) Short code VF2961

HELLA VALUEFIT

Indicator control unit

Indicator control unit for monitoring LED indicator
(Accessory for lamps with LED indicator function)
Compact design, high vibration resistance, protection rating: IP67 (protected against water immersion)

Simulation of a 21 W bulb with power resistor.
One control unit is required for each LED indicator lamp/ each vehicle side.



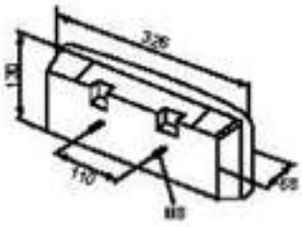
Voltage	12 or 24 VDC
Current consumption	12 VDC: 1.75 A (21 W) 24 VDC: 0.875 A (21 W)
Electrical connection	300 mm cable with exposed cable ends
Attachment	2 screws (ST 6.5), hole distance: 59 mm
Size in mm	87 x 73 x 29.5
Part number	5DS-357030-001 (12 VDC) Short code VF3001 5DS-357030-101 (24 VDC) Short code VF3101

HELLA VALUEFIT

Multi-function light

Tail light/ stop light/ indicator
Horizontal and vertical mounting possible

Mounting base: ABS (black), lens: PMMA with optics, ECE
Bulbs not included



Voltage	12 or 24 VDC
Current consumption	Tail light: 10 W Stop light: 21 W Indicator: 21 W
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M8), distance 110 mm
Size in mm	326 x 130 x 68
Part number	2SD-357031-001 Short code VF3100
Spare part	9EL-357031-101 (Lens) Short code VF3111
Accessory	R10W-bulb (PU 10 pieces): 8GA-178560-021 (12 VDC) 8GA-178560-241 (24 VDC) R21W-bulb (PU 10 pieces): 8GA-178560-011 (12 VDC) 8GA-178560-101 (24 VDC)

HELLA VALUEFIT

Multi-function light

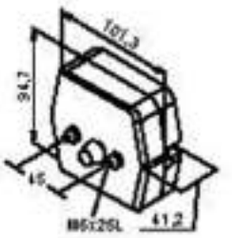
Indicator / position light, front
Compact design

Mounting base: ABS (black), lens: PMMA with optics, ECE
Bulbs not included

Voltage	12 or 24 VDC
Current consumption	Indicator: 21 W Position light, front: 10 W
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M6), distance: 45 mm
Size in mm	101.3 x 94.7 x 41.2
Part number	2BE-357032-001 Short code VF3200
Spare part	
Accessory	9EL-357032-101 (Lens) Short code VF3210

R5W-bulb (PU 10 pieces):
8GA-178560-041 (12 VDC)
8GA-178560-361 (24 VDC)

P21W-bulb (PU 10 pieces):
8GA-178560-011 (12 VDC)
8GA-178560-101 (24 VDC)



HELLA VALUEFIT

Multi-function light

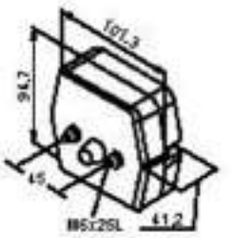
Tail light/ stop light/ indicator/ license plate light
Compact design

Mounting base: ABS (black), lens: PMMA with optics, ECE
Bulbs not included

Voltage	12 or 24 VDC
Current consumption	Tail light/ license plate light: 5 W Stop light: 21 W Indicator: 21 W
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M6), distance: 45 mm
Size in mm	101.3 x 94.7 x 41.2
Part number	2SE-357032-011 Short code VF3201
Spare part	
Accessory	9EL-357032-111 (Lens) Short code VF3211

R10W-bulb (PU 10 pieces):
8GA-178560-021 (12 VDC)
8GA-178560-241 (24 VDC)

P21/5W-bulb (PU 10 pieces):
8GD-178560-111 (12 VDC)
8GD-178560-341 (24 VDC)



HELLA VALUEFIT

Multi-function light

Tail light/ stop light/ indicator/ license plate light with magnetic mounting bracket
Compact design

Mounting base: ABS (black), lens: PMMA with optics, ECE
Bulbs not included

Voltage	12 or 24 VDC
Current consumption	Tail light/ license plate light: 5 W Stop light: 21 W Indicator: 21 W
Electrical connection	6.3 mm blade terminal
Attachment	via magnetic mounting bracket
Size in mm	101.3 x 94.7 x 70
Part number	2SE-357032-021 Short code VF3221
Spare part	
Accessory	9EL 357032-111 (Lens) Short code VF3211

R10W-bulb (PU 10 pieces):
8GA-178560-021 (12 VDC)
8GA-178560-241 (24 VDC)

P21/5W-bulb (PU 10 pieces):
8GD-178560-111 (12 VDC)
8GD-178560-341 (24 VDC)

HELLA VALUEFIT

Multi-function light

Tail light/ stop light/ indicator/ license plate light with magnetic mounting bracket and triangular reflex reflector
Compact design

Mounting base: ABS (black), lens: PMMA with optics, EDE
Bulbs not included

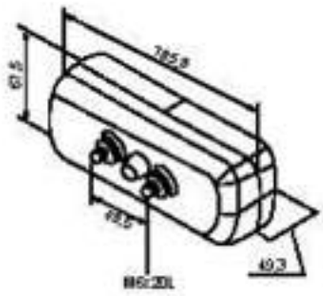
Voltage	12 or 24 VDC
Current consumption	Tail light/ license plate light: 5 W Stop light: 21 W Indicator: 21 W
Electrical connection	6.3 mm blade terminal
Attachment	via magnetic mounting bracket
Size in mm	153 x 250 x 70
Part number	2VB-357032-031 Short code VF3231
Spare part	9EL-357032-111 (Lens)
Accessory	R10W-bulb (PU 10 pieces): 8GA-178560-021 (12 VDC) 8GA-178560-241 (24 VDC) P21/5W-bulb (PU 10 pieces): 8GD-178560-111 (12 VDC) 8GD-178560-341 (24 VDC)

HELLA VALUEFIT

Multi-function light

Tail light/ stop light/ indicator
Compact design

Mounting base: ABS (black), lens: PMMA with optics, EDE
Bulbs not included



Voltage	12 or 24 VDC
Current consumption	Tail light: 5 W Stop light: 21 W Indicator: 21 W
Electrical connection	6.3 mm blade terminal
Attachment	2 stud bolts (M6), distance 49.5 mm
Size in mm	185.9 x 67.5 x 49.3
Part number	2SD-357033-001 Short code VF3301
Spare part	9EL-357033-111 (Lens) Short code VF3311
Accessory	P21W-bulb (PU 10 pieces): 8GA-178560-011 (12 VDC) 8GA-178560-101 (24 VDC) P21/5W-bulb (PU 10 pieces) 8GD-178560-111 (12 VDC) 8GD-178560-341 (24 VDC)

HELLA VALUEFIT

A STRONG BRAND THAT EVERYONE BENEFITS FROM.

A functional brand, HELLA VALUEFIT profits from all of the benefits associated with the strong umbrella brand. You enjoy top services, can always access the products you need, and receive everything in premium quality.

Technical service
We support the motor trade and workshops with professional training courses and a technical hotline as well technical information from practitioners for practitioners. Experts with many years of vocational experience communicate their in-depth knowledge to you and are also there to lend a hand directly with specific repair jobs. Make use of our technical service – It will pay off for you!

Marketing service
Carefully targeted, professional sales support is just as important as offering excellent service quality and high availability – something which HELLA has always provided to its customers. In an unusually comprehensive manner, we support your sales success with targeted sales promotion activities.

Logistics and availability
HELLA ensures the availability of more than 40,000 products – Our entire trade range is simply outstanding. This means that we can get parts out to the independent aftermarket quickly, enabling workshops to carry out repair work then and there. The electronic information and ordering systems have an important role to play in that they minimize errors and wrong orders as well as the additional costs and extended repair times associated with that.

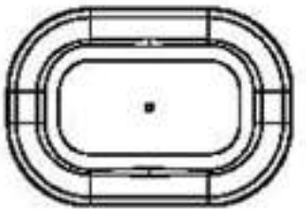
Optical Warning Systems

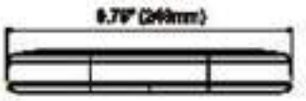
MLB 100 LED Micro Light Bar (Magnetic Mount)

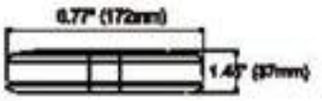
- Built-in 23 Selectable Flash Patterns
- Non-volatile Memory Recalls Last Flash Pattern Used at Power Up
- For Heavy Duty Applications
- Convenient Compact Size

LEDs rated to 100,000 hours of operation, power requirement: ca. 30 - 60 W (varies with flash pattern), light source: 1W LED x 30pcs, multi-voltage (12 - 24 V DC), operating temperature: -30 °C to +65 °C, fuse: 7 Amps (recommended), low power function for night time use, low current draw, max. 5A @12VDC, avg. 2.5A @12VDC, water and vibration resistant design for internal or external use, reverse polarity protection, multiple units can be synchronized, available in permanent and magnetic versions, SAE class 1, Title XII, e13, ECE R65 (TA1, TB1) approved.

Description	Part Number	Short Code
Magnetic Mount - Amber	1HI-027996-011	H27996011
Magnetic Mount - Red / Blue	1HI-027996-071	H27996071
Magnetic Mount - Blue	1HI-027996-091	H27996091
Magnetic Mount - Red	1HI-027996-031	H27996031
Magnetic Mount - Green	1HI-027996-061	H27996061





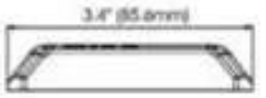


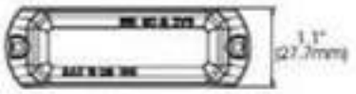
MS3 Mini LED Lighthead

- Built-in 12 Selectable Flash Patterns
- Non-volatile Memory Recalls Last Flash Pattern Used at Power Up
- For Heavy Duty Applications

LEDs rated to 100,000 hours of operation, power requirement: ca. 2.7 - 5.5 W (varies with flash pattern), light source: 1W LED x 3pcs, multi-voltage (12 - 24 V DC), operating temperature: -30 °C to +65 °C, fuse: 3 Amps (recommended), lens colour: clear, aluminum base for heat dissipation, water and vibration resistant design for internal or external use, reverse polarity protection, synchronization: multiple units (over 15) can be synchronized and can flash simultaneously or alternately, super low profile for discreet mounting, CA13, e13, SAE class 1 approved.

Description	Part Number	Short Code
MS3 Mini LED Lighthead - Amber	1HI-022891-001	H22891001
MS3 Mini LED Lighthead - Blue	1HI-022891-021	H22891021
MS3 Mini LED Lighthead - White	1HI-022891-031	H22891031
MS3 Mini LED Lighthead - Red	1HI-022891-041	H22891041



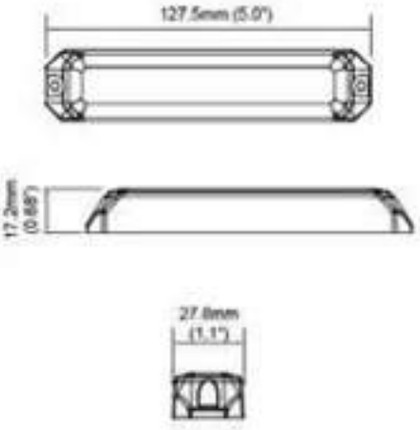


MS6 Mini LED Lighthead

- Built-in 19 Selectable Flash Patterns
- Non-volatile Memory Recalls Last Flash Pattern Used at Power Up
- For Heavy Duty Applications

LEDs rated to 100,000 hours of operation, power requirement: ca. 5.5 - 10.5 W (varies with flash pattern), light source: 1W LED x 6pcs, multi-voltage (11 - 30 V DC), operating temperature: -30 °C to +65 °C, fuse: 3 Amps (recommended), lens colour: clear, aluminum base for heat dissipation, water and vibration resistant design for internal or external use, reverse polarity protection, synchronization: multiple units (over 15) can be synchronized and can flash simultaneously or alternately, super low profile for discreet mounting, Title XII, e13, SAE class 1 approved.

Description	Part Number	Short Code
MS6 Mini LED Lighthead - Amber	1HI-022890-001	H2890001
MS6 Mini LED Lighthead - Blue	1HI-022890-021	H2890021
MS6 Mini LED Lighthead - White	1HI-022890-031	H2890031
MS6 Mini LED Lighthead - Red	1HI-022890-041	H2890041
MS6 Mini LED Lighthead - Amber / White	1HI-022890-051	H2890051
MS6 Mini LED Lighthead - Blue / Red	1HI-022890-061	H2890061
MS6 Mini LED Lighthead - Red / White	1HI-022890-071	H2890071
MS6 Mini LED Lighthead - Green	1HI-022890-081	H2890081

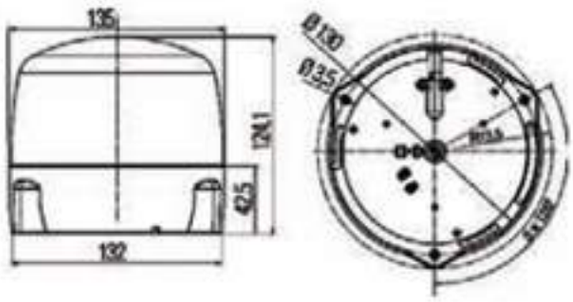


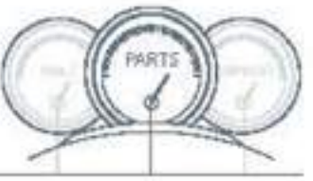
RotaLED

- Rotating LED Warning Beacon
- IP 6K9K Protection Class
- For Heavy Duty Applications

Voltage: 12 / 24 V, supply voltage: 10 - 32 V, power requirement: ca. 10 W, light source: 8 high-power LEDs, operating temperature: -40 °C to +60 °C, function: rotating, amber polycarbonate dome material, black rubber housing, vibration resistance, low current consumption and high efficiency, available in fixed and magnetic versions, ECE & SAE approved.

Description	Part Number	Short Code
RotaLED - Fixed Mount	2RL 010979-001	A9791A
RotaLED - Magnetic Mount	2RL 010979-021	A9792A



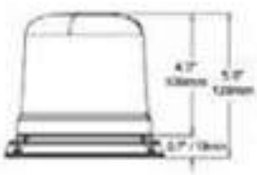


K-LED 100 LED Beacon

- Non-volatile Memory Recalls Last Flash Pattern Used at Power Up
- Weatherproof & Vibration Resistant Design for Heavy Duty Applications
- Reverse Polarity Protection

Voltage: 12 - 24 V DC, supply voltage: 10 - 30 V, power requirement: ca. 18.6 W, light source: full LED technology, operating temperature: -30 °C to +65 °C, function: 11 user selectable flash patterns, amber polycarbonate dome material, synchronization: multiple units can be synchronized and can flash simultaneously or alternately, ECE-R65, ECE-R10, SAE class 1 approved.

Description	Part Number	Short Code
K-LED 100 - Fixed Mount	2RL-027112-001	A2001A
K-LED 100 - Magnetic Mount	2RL-027112-011	A2011A
K-LED 100 - DIN Pole Mount	2RL-027112-021	A2021A

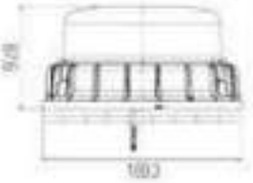


K-LED 2.0 LED Beacon

- 16 Different Warning Signals
- IP 6K7 & IP 6K9K Protection Class
- Reverse Polarity Protection
- Extremely robust design and construction

Voltage: 12 - 24 V DC, supply voltage: 10 - 32 V, power requirement: ca. 30 W, light source: 20 high-power LEDs, operating temperature: -40 °C to +60 °C, current consumption: 0.45 A to 2.5 A, fixed mount, amber impact-resistant polycarbonate dome material, high-quality corrosion protection, vibration resistance, extremely flat design, maintenance-free, ECE-R10, GGVSE/ ADR, EMC approved.

Description	Part Number	Short Code
K-LED 2.0 LED Beacon	2XD-011557-001	A2001A

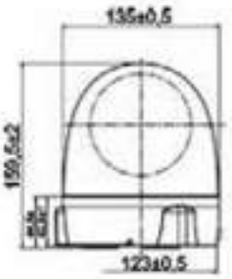


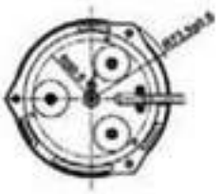
KL RotaCompact

- Low Maintenance
- Modular Mounts For All Types of Use
- For Heavy Duty Applications
- Multi-volt motor 12 / 24V

Voltage: 12 / 24 V, power requirement: 55 / 70 W, light source: H1 bulb, optics: lens / reflector, operating temperature: -40 °C to +60 °C, amber polycarbonate dome material, available in magnetic, fixed and pole mount version, ECE approved.

Description	Part Number	Short Code
12 V - Fixed Mount	2RL-009506-201	A6201A
24 V - Fixed Mount	2RL-009506-211	A6211A
12 V - DIN Pole Mount	2RL-009506-001	A6001A
12 V - Magnetic Mount	2RL-009506-301	A6301A
24 V - Magnetic Mount	2RL-009506-311	A6311A
Spare Parts		
Amber Lens - Acrylic	9EL-864074-011	Z4071
Amber Lens - Polycarbonate	9EL-864074-001	Z4074



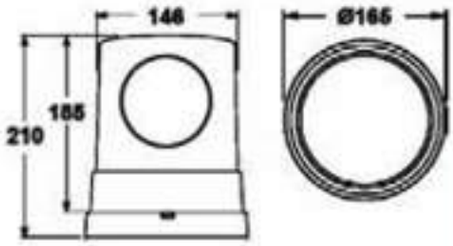


KL900 Rotating Beacon

- Shock Impact Resistant for Heavy Duty Applications
- Black Plastic Base
- Allows Optimum Adaptation to the Vehicle Roof

Voltage: 12 / 24 V, power requirement: 31 W, light source: P21W / R10W bulbs, optics: lens / reflector, operating temperature: -40 °C to +60 °C, amber polycarbonate dome material, available in fixed mount version.

Description	Part Number	Short Code
KL900 - 12 V - Fixed Mount	2RL-923111-001	A8825A
KL900 - 24 V - Fixed Mount	2RL-923111-031	A8826A



HELLA Eliver Tool

The online comparison tool for HELLA worklights, auxiliary lights, beacons and visual warning systems. Test the various products and illuminations here.

www.hella.com/eliver

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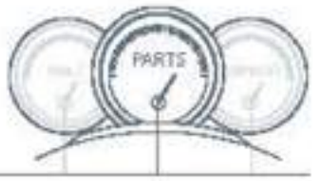


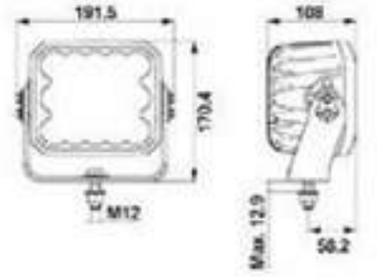
Worklights

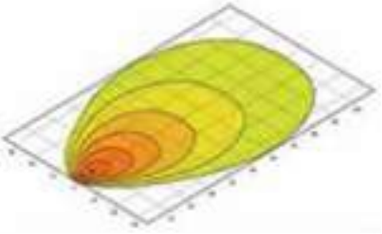
Power Beam 5000 LED

- IP 6K9K / IP 6K8 Protection Class
- For Extreme Conditions
- Close Range Illumination

Light output (measured): 4,500 lumen, power requirement: 70 W, light source: from 23 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, aluminium housing, 316 stainless steel bracket, vibration resistance, polycarbonate lens material, reverse-polarity / over-heating and surge protection, DT connector, ECE approved.

Description	Part Number	Short Code
Power Beam 5000 LED	1GB-996194-001	A6194



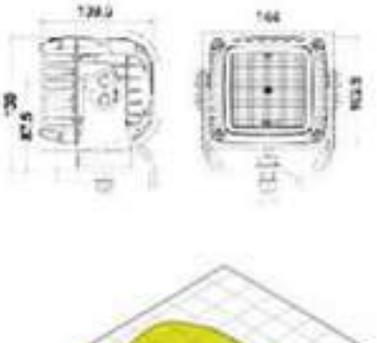


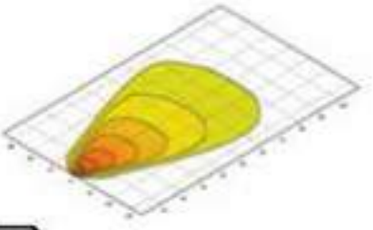
Power Beam 3000 LED

- IP 6K9K / IP 6K8 Protection Class
- ADR / GGVS Tested
- Close Range Illumination

Light output (measured): 3,000 lumen, power requirement: 48 W, light source: from 16 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, high quality aluminium housing, heavy duty bracket, vibration resistance, nylon lens material, reverse-polarity / over-heating and surge protection, cable length: 2,000 mm, ECE approved.

Description	Part Number	Short Code
Power Beam 3000 LED	1GA-996192-021	A6192



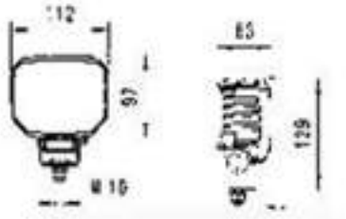


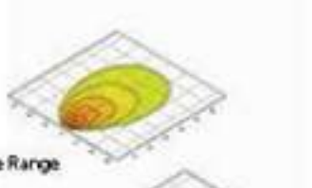
RokLUME 190 LED

- IP 6K9K / IP 6K8 Protection Class
- Compact Dimensions Enable Versatile Use
- 40% More Luminous Efficiency than the Power Beam 1500

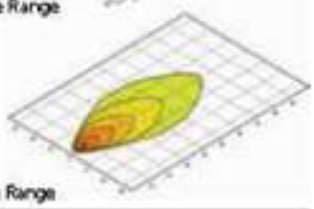
Light output (measured): 1,850 lumen, power requirement: 36 W, light source: from 6 LED modules, single voltage (12 / 24 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, dimming function, nylon lens material, reverse-polarity / over-heating and surge protection, DT connector, recommended tilt angle: 12°, tilt: 5°, ECE approved.

Description	Part Number	Short Code
RokLUME 190 LED CR - 12 V	1GA-996888-521	A6888
RokLUME 190 LED CR - 24 V	1GA-996888-531	A6389





Close Range



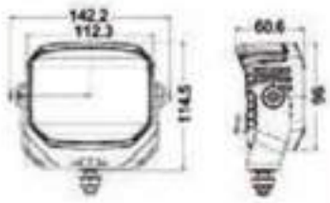
Long Range

Power Beam 1500 LED

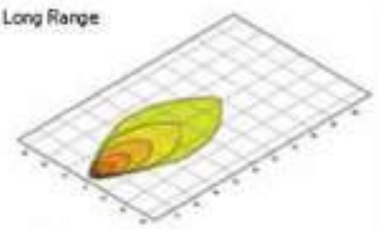
→ IP 6K9K / IP 6K8 Protection Class
→ ADR / GGVS Tested
→ Excellent LED Light Output with a Compact Design

Light output (measured): 1,300 lumen, power requirement: 22 W, light source: from 6 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, heavy duty bracket, vibration resistance, nylon lens material, reverse-polarity / over-heating and surge protection, DT connector, ECE approved.

Description	Part Number	Short Code
Power Beam 1500 LED CR	1GA-996288-031	A6288
Power Beam 1500 LED LR	1GA-996288-021	A6287



Long Range

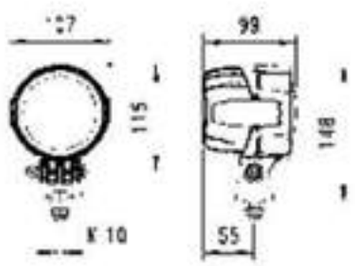


Module 90 LED

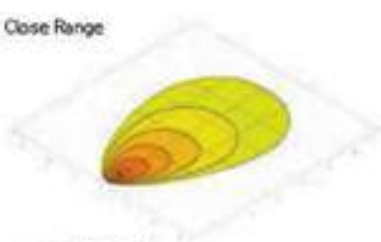
→ IP 6K9K / IP 6K8 Protection Class
→ Extremely Wide, Homogenous Illumination
→ Greater Light Output than Comparable Xenon Worklights

Light output (measured): 2,700 lumen, power requirement: 36 W, light source: from 4 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, DT connector, recommended tilt angle: 12°, far: 5°, ECE approved.

Description	Part Number	Short Code
Module 90 LED CR	1GD-996263-031	A2633
Module 90 LED LR	1GD-996263-051	A2651



Close Range

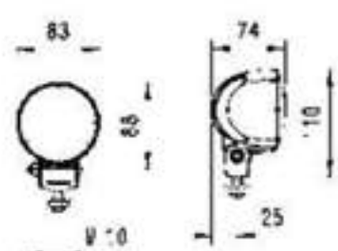


Module 70 LED - Generation IV

→ IP 6K9K / IP 6K8 Protection Class
→ Simple Retrofit with Modular Design
→ Powerful Light Output Despite Low Mounting Depth

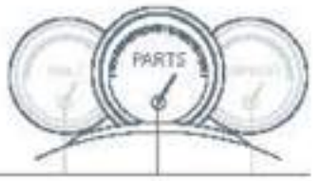
Light output (measured): 1,800 lumen, power requirement: 30 W, light source: from 3 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, 2,000 mm cable connection, recommended tilt angle: 12°, far: 5°, ECE approved.

Description	Part Number	Short Code
Module 70 LED - Gen. IV CR	1GD-996476-001	A6601
Module 70 LED - Gen. IV LR	1GD-996476-011	A6611



Close Range

Long Range

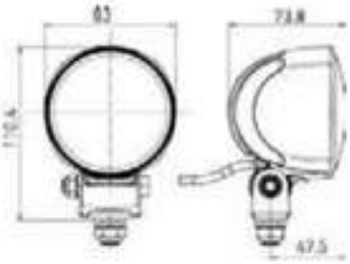


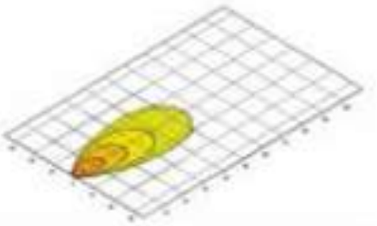
Module 70 LED - Generation III

- IP 6K9K / IP6K8 Protection Class
- Simple Retrofit with Modular Design
- Powerful Light Output Despite Low Mounting Depth

Light output (measured): 800 lumen, power requirement: 13 W, light source from 4 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, 2,000 mm cable connection, recommended tilt angle: 12°, tar: 5°, ECE approved.

Description	Part Number	Short Code
Module 70 LED - Gen. III CR	100-996276-451	A6276



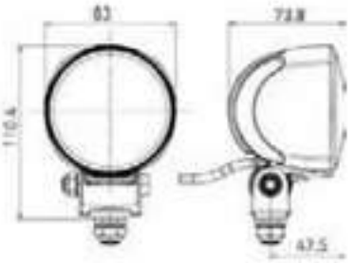


Module 70 LED Blue - Generation III

- IP 6K9K / IP6K8 Protection Class
- Blue Lens for Greater Efficiency
- Reduce Dazzle When Lighting Spray Mist & Improving Perception of Contrast

Light output (measured): 800 lumen, power requirement: 13 W, light source from 4 LED modules, multi-voltage (9-33 V), colour temperature: 5,000° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, 2,000 mm cable connection, recommended tilt angle: 12°, tar: 5°, ECE approved.

Description	Part Number	Short Code
Module 70 LED Blue - Gen. III LR	100-996276-701	A6277

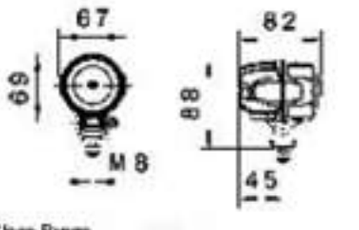


Module 50 LED

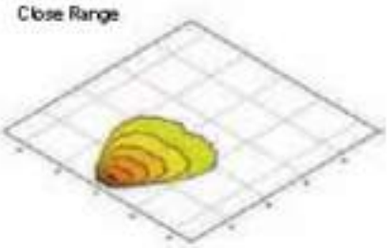
- IP 6K9K / IP6K8 Protection Class
- ADR/OOHS Tested
- Ultra-compact Worklight

Light output (measured): 800 lumen, power requirement: 15 W, light source from 3 LED modules, multi-voltage (9-48 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, DT connector, recommended tilt angle: 12°, tar: 5°, ECE approved.

Description	Part Number	Short Code
Module 50 LED CR	100-995050-001	A9951
Module 50 LED LR	100-995050-021	A9521



Close Range

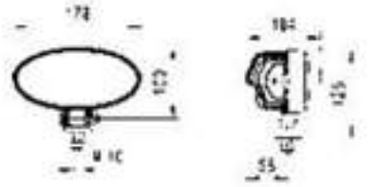


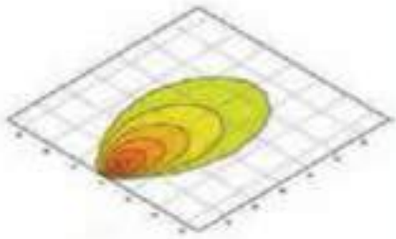
Oval 90 LED

- IP 6K5K / IP6K8 Protection Class
- ADR/OGVS Tested
- Extremely Wide, Homogenous Illumination

Light output (measured): 2,000 lumen, power requirement: 28 W, light source from 10 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, DT connector, recommended tilt angle: 12°, tol.: 5°, ECE approved.

Description	Part Number	Short Code
Oval90 LED CR	108-996886-001	A6986



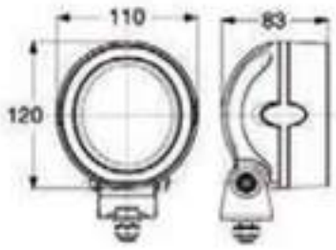


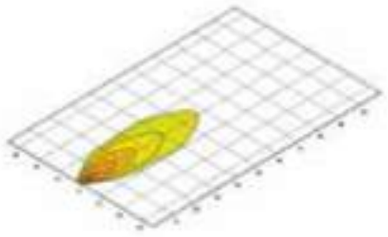
Mega Beam LED - Generation III

- IP 6K5K / IP6K8 Protection Class
- Compact Design for Simple Conversion
- Low Power Requirement for Excellent Light Output

Light output (measured): 800 lumen, power requirement: 13W, light source from 10 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, 2,000 mm cable connection, recommended tilt angle: 12°, tol.: 5°, ECE approved.

Description	Part Number	Short Code
Mega Beam LED - Gen. III	1GM-996136-311	A6193



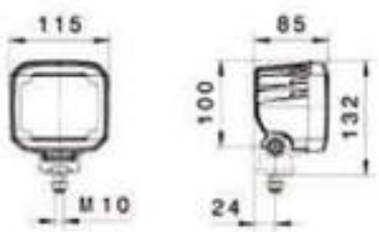


Ultra Beam LED

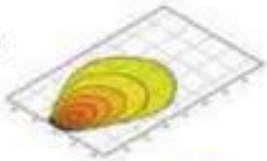
- IP 6K5K / IP6K8 Protection Class
- ADR/OGVS Tested
- Particularly Homogeneous Illumination of the Work Area

Light output (measured): 2,200 lumen, power requirement: 30 W, light source from 9 LED modules, multi-voltage (9-33 V), colour temperature: 6,500° Kelvin, operating temperature of -40 °C to +60 °C, premium aluminium housing, nylon lens material, reverse-polarity / over-heating and surge protection, DT connector, recommended tilt angle: 12°, tol.: 5°, ECE approved.

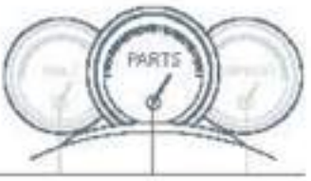
Description	Part Number	Short Code
Ultra Beam LED CR	10A-995506-001	A9955
Ultra Beam LED LR	10A-995506-031	A9956



Close Range



Long Range

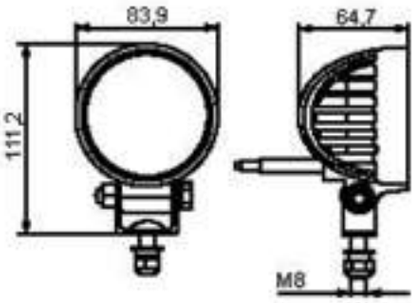


Round LED Worklight (ø 84 mm)

- IP 67 Protection Class
- Compact Design
- Wide Illumination

Light output (measured): 600 lumen, power requirement: 12 W, light source: from 4 LED modules, multi-voltage (10 – 30 V DC), die-cast aluminium housing, polycarbonate lens material, reverse-polarity protection, 500 mm cable with exposed cable ends, hinged bracket with stainless steel M8 clamping bolt, recommended tilt angle: 12°, tar: 5°, ECE-R10 (EMC) approved.

Description	Part Number	Short Code
Round LED Worklight - ø 84 mm	100-357000-001	VF0001



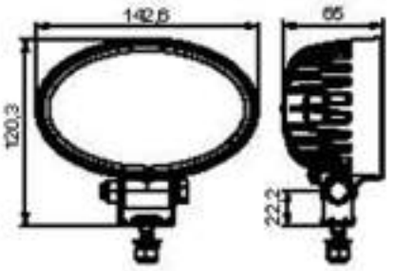
HELLA VALUEFIT

Oval LED Worklight

- IP 67 Protection Class
- Modern Design
- Wide Illumination

Light output (measured): 1 200 lumen, power requirement: 24 W, light source: from 8 LED modules, multi-voltage (10 – 30 V DC), die-cast aluminium housing, polycarbonate lens material, reverse-polarity protection, 500 mm cable with exposed cable ends, hinged bracket with stainless steel M8 clamping bolt, recommended tilt angle: 12°, tar: 5°, ECE-R10 (EMC) approved.

Description	Part Number	Short Code
Oval LED Worklight	1GA-357001-001	VF1001



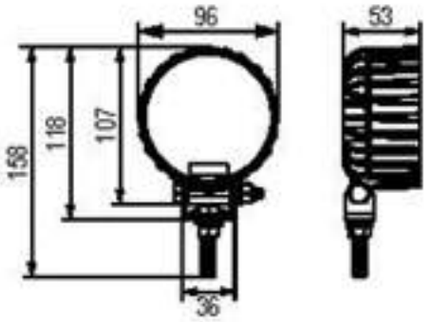
HELLA VALUEFIT

Round LED Worklight (ø 96 mm)

- IP 67 Protection Class
- Very Flat & Compact Design
- Wide Illumination
- 1 - 80 V DC Suitable for electric fork lift fitment

Light output (measured): 1 200 lumen, power requirement: 12 W, light source: from 4 LED modules, multi-voltage (10 – 80 V DC), die-cast aluminium housing, polycarbonate lens material with optics, reverse-polarity protection, 500 mm cable with exposed cable ends, hinged bracket with stainless steel M8 clamping bolt, recommended tilt angle: 12°, tar: 5°, ECE-R10 (EMC) approved.

Description	Part Number	Short Code
Round LED Worklight - ø 96 mm	100-357002-001	VF2001

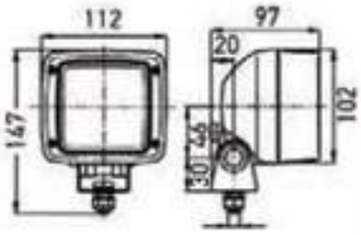


HELLA VALUEFIT

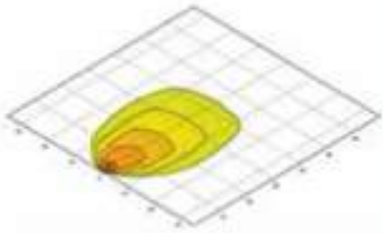
Ultra Beam

- IP 5K5K Protection Class
- GCV/SEB/ADR Tested
- Housing Resistant to Acid and Corrosion

Light output (measured): 1,150 / 1,400 lumen, power requirement: 55 / 70 W, light source: H3 bulb (not included), single-voltage (12 / 24 V), colour temperature: 2,500° Kelvin, impact-resistant glass fibre-reinforced synthetic material housing, tempered glass lens material, AMP / DT connector, recommended tilt angle: 15°, far: 5°, ECE approved.



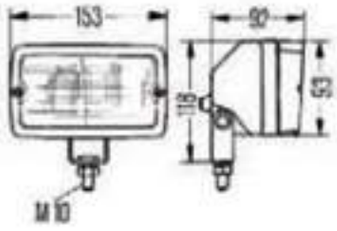
Description	Part Number	Short Code
Ultra Beam	1GA-007506-001	A7506-1
Ultra Beam - Heavy Duty	1GA-007506-011	A7507
Ultra Beam - DT Connector	1GA-007506-391	A7506



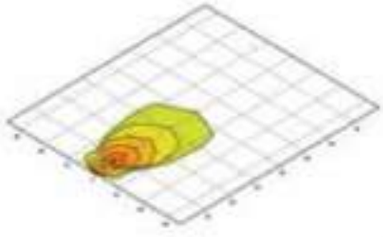
Master

- IP 5K4K Protection Class
- Close Range Illumination
- Homogeneous Workplace Lighting

Light output (measured): 1,150 / 1,400 lumen, power requirement: 55 / 70 W, light source: H3 bulb (not included), single-voltage (12 / 24 V), colour temperature: 2,500° Kelvin, impact-resistant glass fibre-reinforced synthetic material housing, tempered glass lens material with optics, cable inlet with grommet, recommended tilt angle: 10°, far: 5°, ECE approved.



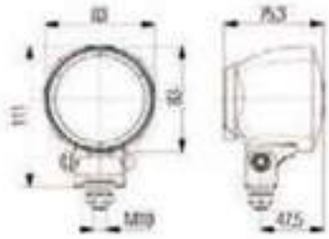
Description	Part Number	Short Code
Master	1GA-005060-001	A2940



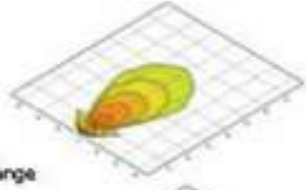
Module 70 - H3

- IP 5K5K Protection Class
- Compact Worklight
- For Universal Application

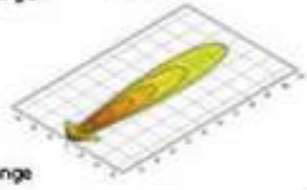
Light output (measured): 1,150 / 1,400 lumen, power requirement: 55 / 70 W, light source: H3 bulb (not included), single-voltage (12 / 24 V), colour temperature: 2,500° Kelvin, impact-resistant glass fibre-reinforced synthetic material housing, tempered glass lens material, cable inlet with grommet, recommended tilt angle: 12°, far: 5°, ECE approved.



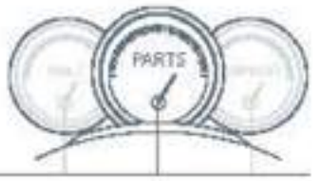
Description	Part Number	Short Code
Module 70 - H3 CR	1GG-996176-001	A6176-1
Module 70 - H3 LR	1GG-996176-011	A6176-2



Close Range



Long Range

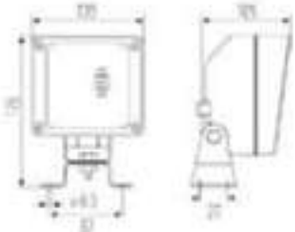


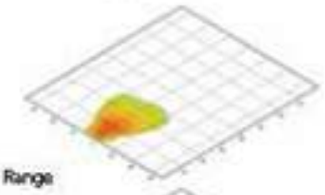
AS 200 FF

- IP5K4K Protection Class
- Extending Edge to Protect Lens
- Intensive Close Range Illumination

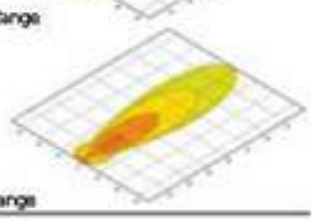
Light output (measured): 1,150 / 1,400 lumen, power requirement: 55 / 70 W, light source: H3 bulb, single-voltage (12 / 24 V), colour temperature: 2,500° Kelvin, impact-resistant glass fibre-reinforced synthetic material housing, tempered glass lens material with optics, AMP connector, recommended tilt angle: 15° - 25°, vibration damping for extreme impact stress, ECE approved.

Description	Part Number	Short Code
AS 200 FF - CR	1GA-998532-011	A2011
AS 200 FF - LR	1GA-998532-081	A2081





Close Range



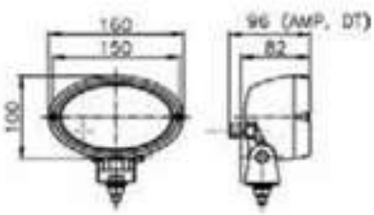
Long Range

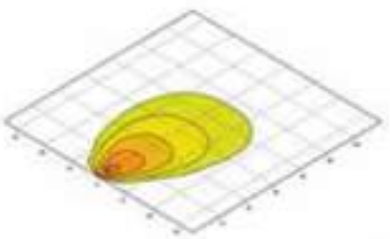
Oval 100

- IP5K9K Protection Class
- Wide Homogenous Illumination
- For Universal Application

Light output (measured): 1,150 lumen, power requirement: 55 W, light source: H3 bulb, voltage 12 V, colour temperature: 2,500° Kelvin, impact-resistant glass fibre-reinforced synthetic material housing, tempered glass lens material with optics, AMP connector, recommended tilt angle: 12°, far: 5°, ECE approved.

Description	Part Number	Short Code
Oval 100	1GA-996161-121	A6161-1



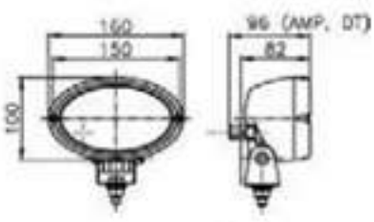


Oval 100 - Double Reflector

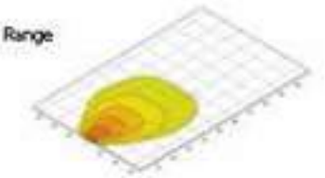
- IP5K9K Protection Class
- Extremely Powerful Light Output with Double Chamber Reflector
- For Universal Application

Light output (measured): 2,300 lumen, power requirement: 110 W, light source: 2x H3 bulbs, voltage 12 V, colour temperature: 2,500° Kelvin, impact-resistant glass fibre-reinforced synthetic material housing, tempered glass lens material, AMP connector, recommended tilt angle: 12°, far: 5°, ECE approved.

Description	Part Number	Short Code
Oval 100 - Double Reflector CR	1GA-996161-291	A6161-3
Oval 100 - Double Reflector LR	1GA-996161-131	A6161-2



Close Range



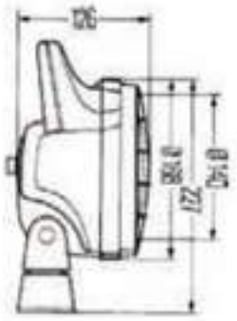
Long Range

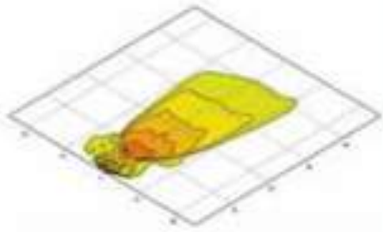
Matador

- IP 54K4K Protection Class
- On / Off Switch
- Work light with Cover Mesh and Handle

Light output (measured): 1,150 / 1,400 lumen, power requirement: 55 / 70 W, light source: H3 bulb (not included), single-voltage (12 / 24 V), colour temperature: 2,500° Kelvin, impact-resistant glass fibre-reinforced synthetic material housing, tempered glass lens material with optics, cable inlet with grommet, recommended tilt angle: 10°, ECE approved.

Description	Part Number	Short Code
Matador	1G4-003470-031	A2926



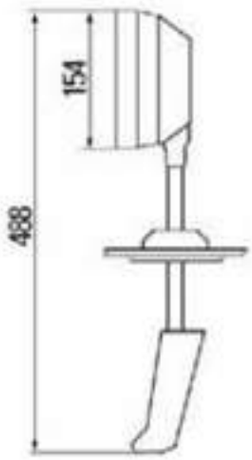


Searchlight - Cabin-Controlled

- Light Aperture Diameter of 139 mm
- Flip Switch on Handle
- 360° Horizontal Swivel & 30° Vertical Swivel Range

Range: 12 V - 440 m / 24 V - 520 m, power requirement: 55 / 70 W, light source: H3 bulb (24 V included), single-voltage (12 / 24 V), colour temperature: 2,500° Kelvin, black plastic housing, optics: aluminium reflector, stainless steel guide tube, lens-retaining rim, clear glass lens material, 330 mm cable inlet with grommet, ECE approved.

Description	Part Number	Short Code
Searchlight - Cabin-Controlled - 24V	1H5-998502-051	H2051
Accessories		
Daymaker Plus +100 H3 Bulb 12V	8GH-178560-682	G6682DM+

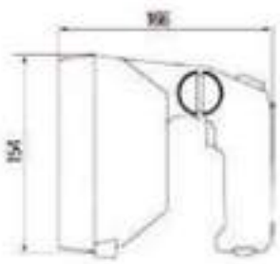


Searchlight - Hand-Held

- Light Aperture Diameter of 139 mm
- Handle and Supporting Base with 3 Fixing Screws
- Two Light Sources

Light function: high / low beam, power requirement: 55 / 70 W, light source: H3 bulb (12 V included), single-voltage (12 / 24 V), colour temperature: 2,500° Kelvin, black plastic housing, optics: aluminium reflector, independent switch, lens-retaining rim, clear glass lens material, 3,500 mm spiral lead with universal plug for cigarette lighter socket, ECE approved.

Description	Part Number	Short Code
Searchlight - Hand-Held	1H5-998502-002	H2002
Accessories		
Daymaker Plus +100 H3 Bulb 12V	8GH-178560-682	G6682DM+



LUMION - Bulb Configuration Tool

Bulb not working? Our Lumion filament bulb configuration tool helps you to quickly and easily find the right bulb. To find out which bulbs are compatible with your vehicle, select the vehicle make, vehicle class and year of construction... it's that easy.

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Standard & High Performance Replacement Bulbs

Lighting the Future
Understanding Colour Temperature & Life Expectancy

Colour temperature is a measurement in degrees Kelvin that indicates the hue of a specific type of light source. (Kelvin is indicated by the unit symbol K.)

Colour temperatures over 4000K are called cool colours (blueish white), while lower colour temperatures (2700 – 3000K) are called warm colours (yellowish white through red).

The higher the temperature of a light source is, the greater the proportion of blue and the lower the proportion of red in the colour spectrum. An incandescent light bulb has a warm white colour temperature of approx. 2700K.

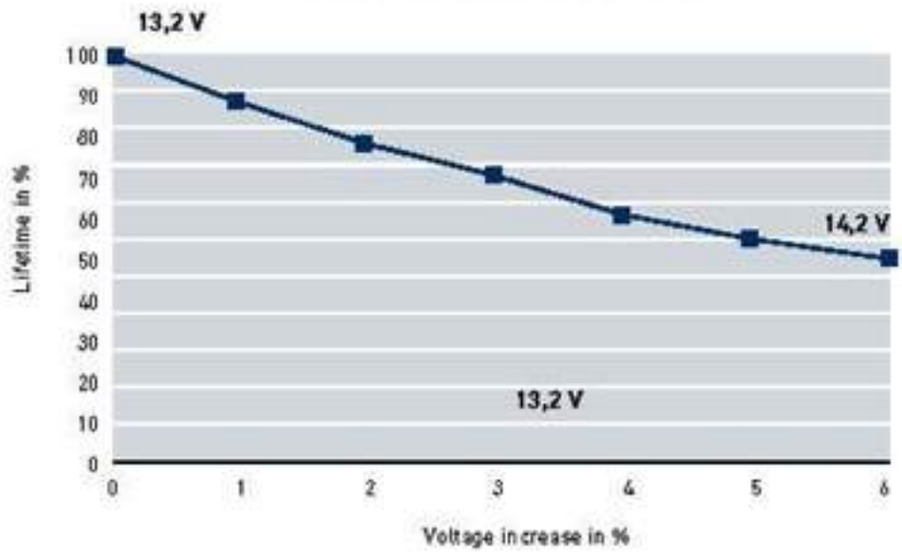
The illustration below provides an indication of the colour temperature spectrum.

Life expectancy of a bulb

Service life and light efficiency among other things strongly depend on the supply voltage used.

Therefore, protective resistors are used in some vehicle types to ensure that the supply voltage doesn't exceed 13.2 V. On the other hand, undervoltage, e.g. due to a defective generator, means exactly the opposite. The light now has a considerably higher red fraction and thus light efficiency is lower.

LIFE EXPECTANCE DEPENDENT ON VOLTAGE

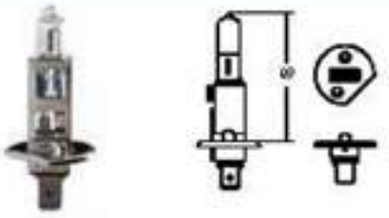
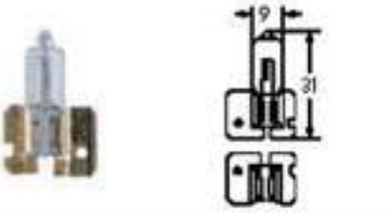
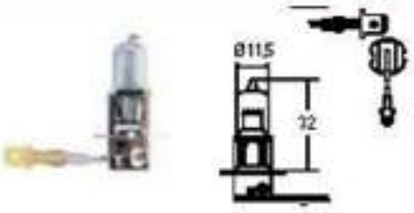
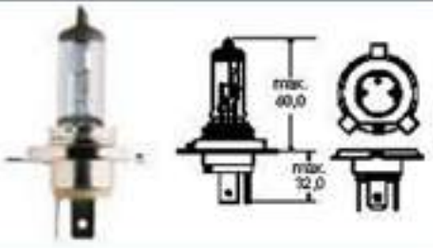
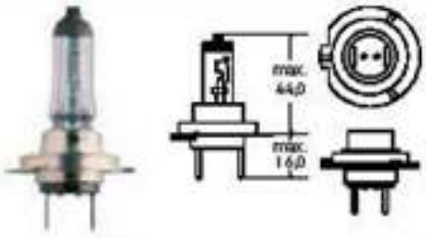
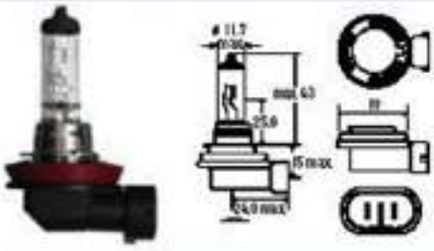
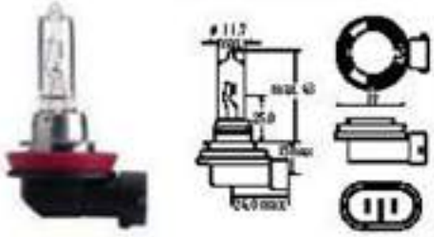


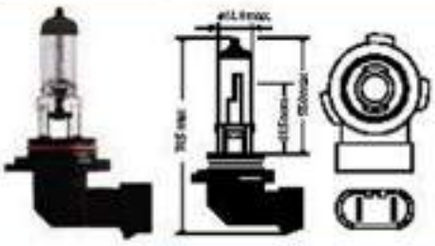
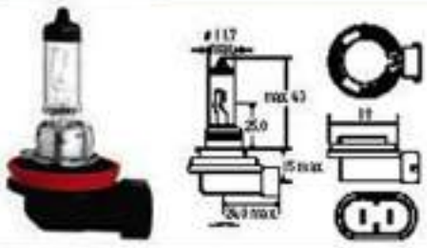
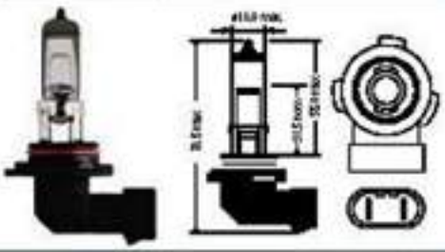
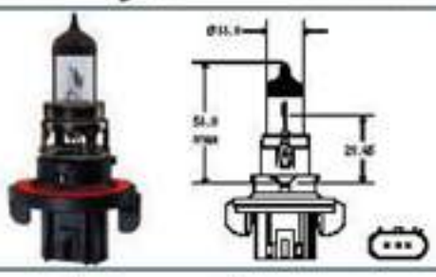
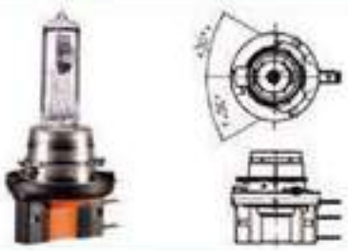
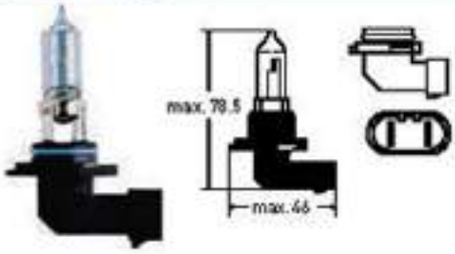
Rule of thumb: If the supply voltage of a bulb is increased by 5%, then the luminous flux increases by 20%, but at the same time service life is halved.

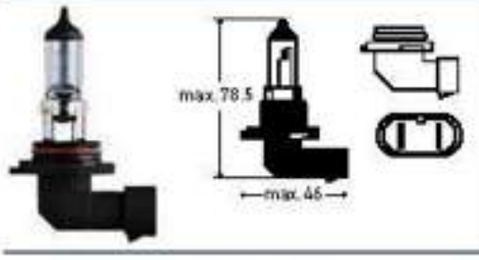
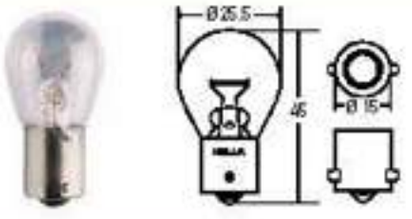
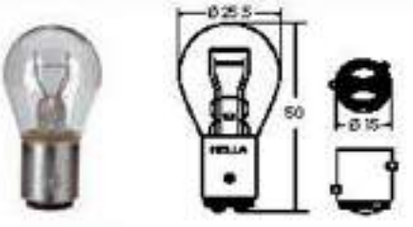
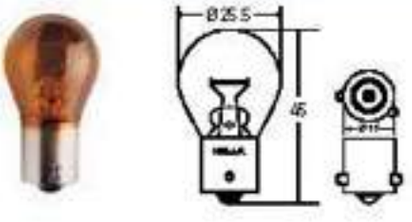
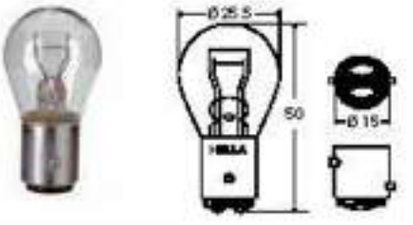
Replacement and Installation

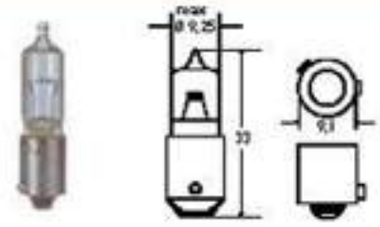
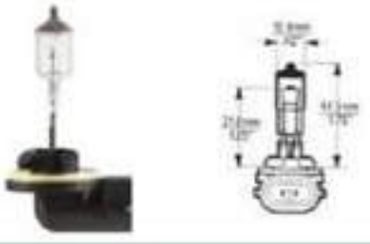
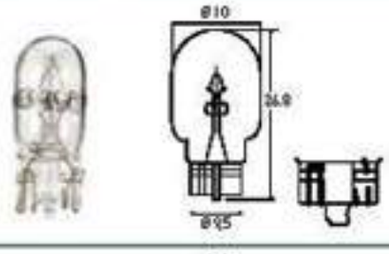
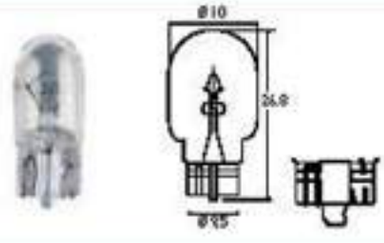
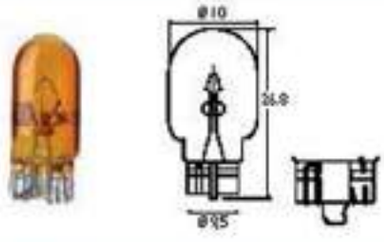
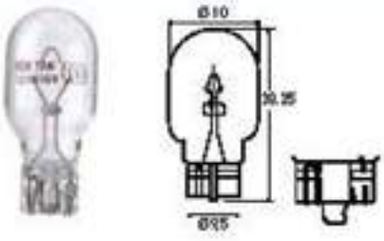
- When inserting a new bulb, you should not touch the glass bulb, because fingerprints may burn in and leave "clouds" on glass
- Standard filament and halogen bulbs do not contain enviroment-ally relevant substances and can be disposed of as household waste
- Check the local regulations to ensure correct disposal
- HELLA recommend to replace both bulbs when a bulb has blown

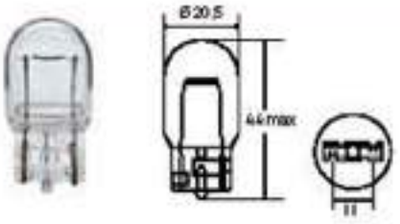
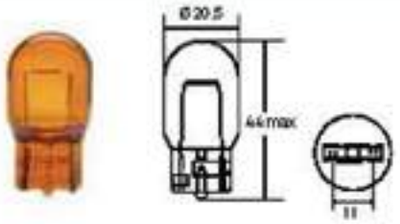
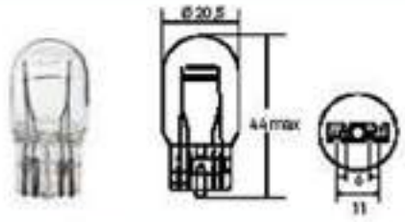
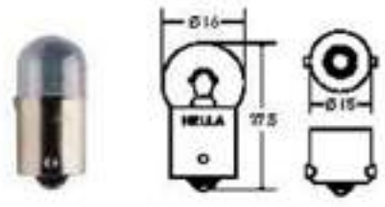
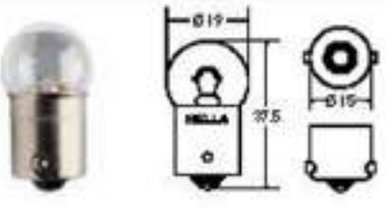
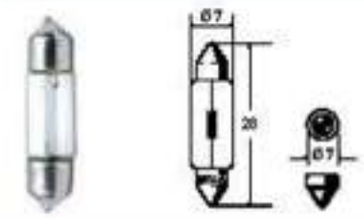
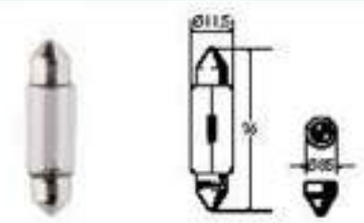
Standard Replacement Bulbs

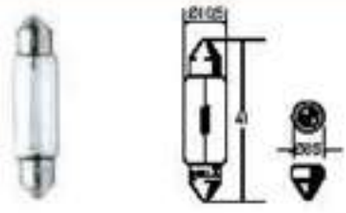
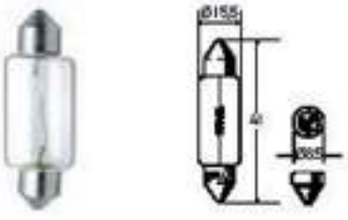
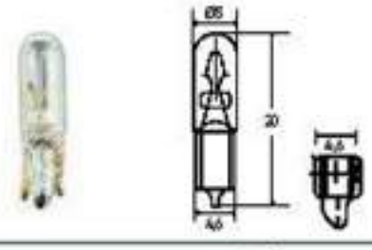
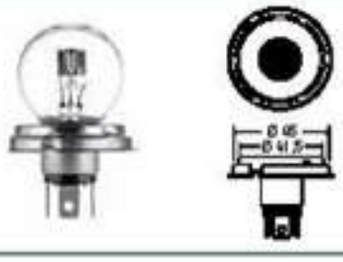
Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	H1	P14.5s	55 W	12 V	1,550 lm	BGH-178555-031	G1904
			70 W	24 V	1,900 lm	BGH-178555-141	G1905
		Fog light, high beam, low beam in the 4-headlight system					
	H2		70 W	24 V	2,150 lm	BGH-002857-241	G5724
		Driving light, fog light, spotlight					
	H3	PK22s	55 W	12 V	1,450 lm	BGH-178555-061	G1907
			70 W	24 V	1,750 lm	BGH-178555-241	G1908
		Fog light, high beam, work light					
	H4	P43t	60/55 W	12 V	1,450 lm	BGJ-178555-001	G12342
			75/70 W	24 V	1,750 lm	BGJ-178555-201	G13342
		High beam, low beam					
	H7	PX26d	55 W	12 V	1,500 lm	BGH-178555-011	G1785
			70 W	24 V	1,500 lm	BGH-178555-251	G1786
		High beam, low beam in the 4-headlight system as fog light					
	H8	PGJ19-1	35 W	12 V	800 lm	BGH-178555-151	G5151
		High beam, low beam, fog light					
	H9	PGJ19-5	65 W	12 V	2,100 lm	BGH-178555-161	G64213
		High beam in the 4-headlight system, work light					

Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	H10	PY20d	45 W	12 V	1,000 lm	8GH-178555-931	G5931
		Low beam in the 4-headlight system					
	H11	PGJ19-2	55 W	12 V	1,350 lm	8GH-178555-111	G1781
			70 W	24 V	lm		
		Low beam in the 4-headlight system					
	H12	PZ20d	55 W	12 V	1,200 lm	8GH-178555-941	G5941
		Low beam in the 4-headlight system					
	H13	P26.4t	60/55 W	12 V	1,200 lm	8GJ-178555-951	G5951
		Low beam in the 4-headlight system					
	H15	PGJ23t	55/15 W	12 V	1,330/200 lm	8GJ-168119-001	G9001
		High beam, DRL, low beam in the 4-headlight system as fog light					
	H16	PGJ19-3	19 W	12 V	1,200 lm	8GH-186996-011	G9611
		Low beam in the 4-headlight system					
	HB3	P20d	60 W	12 V	1,900 lm	8GH-178555-081	G5081
		High beam in the 4-headlight system					

Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	HB4	P22d	51 W	12 V	1,100 lm	9GH-178555-091	G6091
		Low beam in the 4-headlight system					
	P21W	BA15s	21 W	12 V	460 lm	8GA-178560-011	G382
			21 W	24 V	460 lm	8GA-178560-101	G13422
		Stop, indicator, rear fog light, reverse light					
	P21/4W	BAZ15d	21/4 W	12 V	440/15 lm	8GD-178560-031	G1789
		Taillight, rear fog light					
	PY21W (Amber)	BAU15s	21 W	12 V	280 lm	8GA-006841-121	G1121
			21 W	24 V	280 lm	8GA-006841-241	G6841
		Long Life	21 W	24 V	280 lm	8GA-006841-251	G6841LL
		Indicator light					
	P21/5W	BAY15d	21/5 W	12 V	440/35 lm	8GD-178560-111	G1142
			21/5 W	24 V	440/40 lm	8GD-178560-341	G334
		Stoplight, taillight					
	P27W, SAE3156	W2.5x16d	27 W	12 V	475 lm	8GA-178555-882	G5882
		Stop, indicator, rear fog light, reverse light					
	P27/7W, SAE 3157	W2.5x16q	27/7 W	12 V	475/36 lm	8GA-178555-872	G5872
		Stoplight, taillight, reverse light, fog light					

Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	H21W	BAY9s	21 W	12 V	600 lm	8GH-008417-001	G7010
			21 W	24 V	600 lm	8GH-008417-012	G7012
		Indicator lights					
	H27W/1	PG13	27 W	12 V	540 lm	8GA-008991-021	G1021
		Fog Light					
	H27W/2	PGJ13	27 W	12 V	540 lm	8GH-008991-031	G1031
		Fog light					
	W3W	W2,1x9,5d	3 W	12 V	22 lm	8GP-003594-141	G4141
			3 W	24 V	22 lm	8GP-178560-351	G1793
		Clearance light, license plate light					
	W5W	W2,1x9,5d	5 W	12 V	50 lm	8GP-178560-081	G1790
			5 W	24 V	50 lm	8GP-178560-271	G1788
		Clearance light, license plate light					
	W5W (Amber)	W2,1x9,5d	5 W	12 V	30 lm	8GP-003594-541	G4541
		Position light, marker light					
	W16W	W2,1x9,5d	16 W	12 V	310 lm	8GA-008246-001	G6001
		Position light					

Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	W21W	W3x16d	21W	12V	460 lm	8GA-178560-141	G6014
		Indicator, rear fog light, reverse light, stoplight					
	WY21W (Amber)	W3x16d	21W	12V	280 lm	8GA-178555-802	G1002
		Indicator					
	W21/5W	W3x16q	21/5W	12V	440/35 lm	8GD-178560-171	G6017
		Taillight					
	R5W	BA15s	5W	12V	50 lm	8GA-178560-041	G207
			5W	24V	50 lm	8GA-178560-361	G1304
		BA15d	5W	24V	50 lm	8GA-002071-361	G1361
		License plate, clearance light, taillight, interior light					
	R10W	BA15s	10W	12V	125 lm	8GA-178560-021	G613
			10W	24V	125 lm	8GA-178560-241	G618
		License plate, clearance light, taillight, interior light					
	BULB, M	SV7-8	3W	12V	22 lm	8GM-002094-121	G4121
			3W	24V	22 lm	8GM-002094-241	G4241
		Indicator, stop, marker, position light					
	C5W	SV8.5-8	5W	12V	45 lm	8GM-002092-121	G2121
			5W	24V	45 lm	8GM-002092-241	G2241
		License plate, taillight, interior light					

Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	BULB, K	SV8.5-8	10 W	12 V	100 lm	8GM-002091-131	G1131
			18 W	12 V	240 lm	8GM-002091-121	G9112
			18W	24 V	240 lm	8GM-002091-241	G9124
		Indicator, stop, taillight, reverse light (older versions)					
	BULB, K	SV8.5-8	10W	24 V	105 lm	8GM-002091-251	G1251
		Indicator, stop, taillight, reverse light					
	BULB, 1.2W With clip	W2x4.6d	1.2 W	12 V	7.5 lm	8GP-178560-061	G1791
			1.2 W	24 V	7.5 lm	8GP-178560-251	G1792
		B8.5d	1.2 W	24 V	7.5 lm	8GA-007997-071	G7071
		Instrument light, switch light					
	R2	P45t	45/40 W	12 V	1,030/740 lm	8GD-002088-141	G8131
			55/50 W	24 V	-	8GD-002088-271	G8251
		For asymmetrical R2 headlights, spotlights					
	H6W	BAX9s	6 W	12 V	125 lm	8GH-007643-121	G3121
		Headlamp position light, daytime running light					
	T4W	BA9s	4 W	12 V	35 lm	8GP-002067-121	G7121
			4 W	24 V	35 lm	8GP-002067-241	G7241
		Sidelight					

Standard High Intensity Discharge Bulbs (HID)

Gasdischarge lamps are categorized according to their respective development version: D1, D2, D3 and D4. The "D" stands for "discharge".

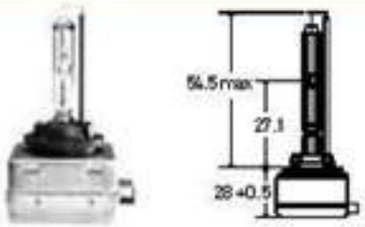
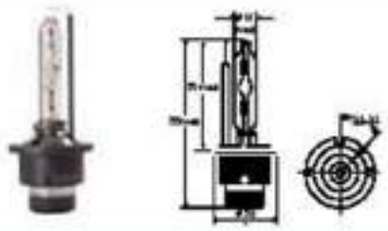
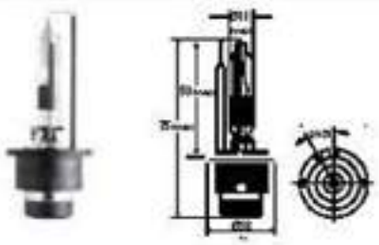
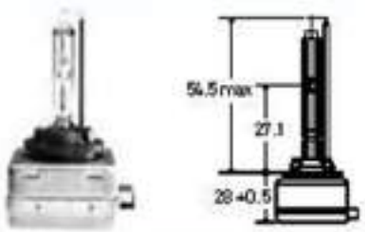
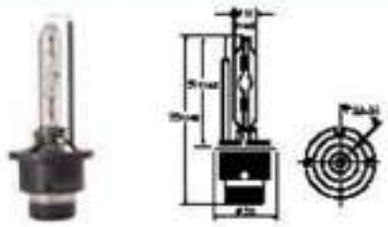
The D1 lamps – the original Xenon burners – have an integrated ignition section. D2 lamps only consist on a socketed burner and unlike to all other versions no exterior protective glass bulb around the discharge tube.

The D3 and D4 lamps, are further developments of the D1 and D2 lamps and more environmentally friendly, as they don't use mercury.

Please notice: Due to different electrical parameters (42 V instead of 85 V arc voltage, with identical capacity), the D3 and D4 lamps cannot be used with the control units for D1 or D2 lamps.

Features :

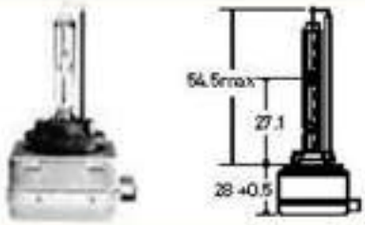
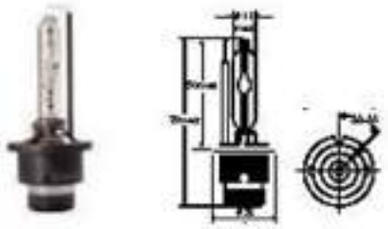
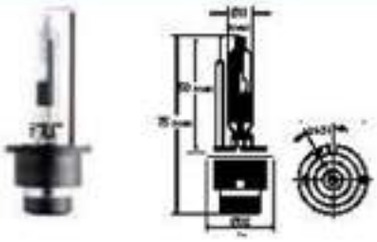
- → Very high luminous flux value.
- → Longer service life with UV protection.
- → Vibration resistant characteristics.
- → Wider and far reaching illumination.
- → Colour temperature near daylight.

Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	D1S	PK32 d-2	35 W	12/24 V	3,200 lm	8GS-009028-111	G8111
		Arc voltage = 85V 4,200 k					
		Low beam in the 4-headlight system, Bi-xenon					
	D2S	PK32 d-2	35 W	12/24 V	3,200 lm	8GS-007949-261	G9261
		Arc voltage = 85V 4,200 k					
		Low beam in the 4-headlight system, work light, Bi-xenon					
	D2R	PK32 d-3	35 W	12/24 V	2,800 lm	8GS-007001-151	G1151
		Arc voltage = 85V 4,200 k					
		Low beam in the 4-headlight system					
	D3S	P32d-2	35 W	12/24 V	3,200 lm	8GS-009028-311	G8311
		Arc voltage = 42V 4,200 k					
		Low beam in the 4-headlight system					
	D4S	PK32 d-5	35 W	12/24 V	2,800 lm	8GS-007949-311	G9311
		Arc voltage = 42V 4,200 k					
		Low beam in the 4-headlight system					

High Performance Bulbs - High Intensity Discharge (HID)

Features:

- Delivers 30% more light on the road.
- Up to 20 meters longer light beam compared to standard High Intensity Discharge (HID) bulbs.
- Meets global standard (ECE & SAE/DOT regulation)

Product photo / Dimensional drawing	Category	Base	Power	Voltage	Luminous flux (lumen)	Part number	Short Code
	D1S	PK32 d-2	35 W	12/24 V	3,600 lm	8GS-009028-621	G8621
		Arc voltage = 85V 5,000 K					
		Lowbeam in the 4-headlight system, Bi-xenon					
	D2S	PK32 d-2	35 W	12/24 V	3,600 lm	8GS-007949-251	G9251
		Arc voltage = 85V 5,000 K					
		Lowbeam in the 4-headlight system, work light, Bi-xenon					
	D2R	PK32 d-3	35 W	12/24 V	3,600 lm	8GS-007001-241	G1241
		Arc voltage = 85V 5,000 K					
		Lowbeam in the 4-headlight system					

High Performance Bulbs - Long Life

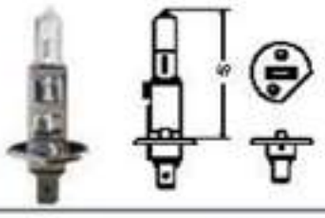
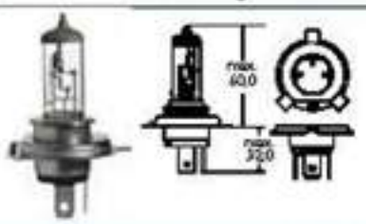
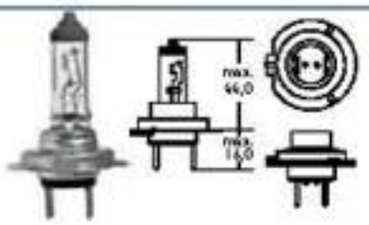
LONG LIFE represents bright but glare-free light. Good performance under extreme conditions encountered by 24 V trucks, construction machinery or off-road vehicles. LONG LIFE combines unusual sturdiness and vibration resistance with convincing brightness and long service life.

Features:

- More 200% longer life time than standard bulbs
- Specially designed halogen mixing gas filament
- Meets global standard (ECE R37 & SAE/DOT regulation)

PERFORMANCE COMPARISON

Plastic case includes 2 pieces

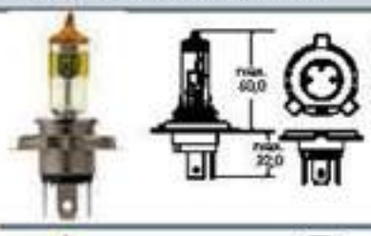
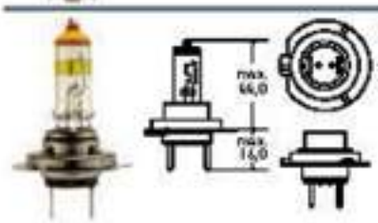
Product photo / dimensional drawing	Category	Base	Power	Voltage	Colour Temp	Part number	Short Code
	H1 LONG LIFE	P14.5s	70 W	24 V	3,200K	8GH-178555-412	G5412LL
	Single replacement					8GH-178555-413	G5412LL1
	H3 LONG LIFE	PK22s	70 W	24 V	3,200K		
	Single replacement					8GH-178555-421	G5421LL1
	H4 LONG LIFE	P43t	75/70 W	24 V	3,200K	8GJ-178555-432	G5432LL
	Single replacement					8GJ-178555-433	G5432LL1
	H7 LONG LIFE	PX26d	70 W	24 V	3,200K	8GH-178555-442	G5442LL
	Single replacement					8GH-178555-443	G5442LL1

High Performance Bulbs - Night Vision +

YELLOW-RING COATING TECHNOLOGY
The optimised illuminant and a special coating process used on the glass bulb enhances vision and therefore improves the reaction time.

Features:
- Special yellow-ring coating at filament position.
- Delivers yellowish and soft light towards driving direction.
- Meets global standard (ECE R37 & SAE/DOT regulation).

Plastic case includes 2 pieces

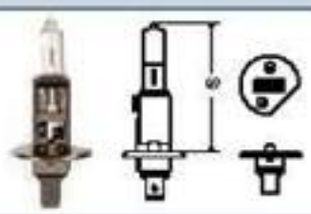
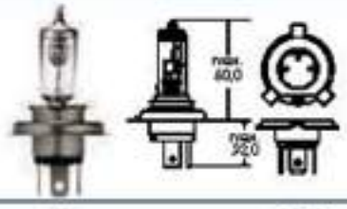
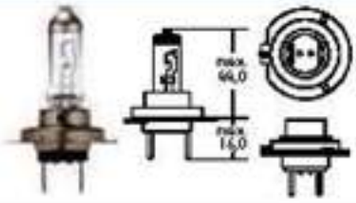
Product photo / dimensional drawing	Category	Base	Power	Voltage	Colour Temp	Part number	Short Code
	H4 NIGHTVISION +	P43t	60/55 W	12 V	3000K	8GJ-178555-472	G5472NV
	Single replacement					8GJ-178555-473	G5472NV1
	H7 NIGHTVISION +	PX26d	55 W	12V	3000K	8GH-178555-482	G5482NV
	Single replacement					8GH-178555-483	G5482NV1

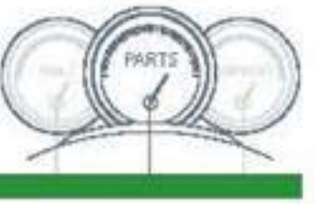
High Performance Bulbs - Platinum +50

The PLATINUM +50 version produces 50 percent more light (compared to standard bulbs) and extends the light cone by around 20 meters, giving performance-oriented drivers additional safety time in case of an emergency situation.

Features:
- Delivers 50% more light on the road.
- Up to 20 meters longer light beam compared to standard bulbs.
- Meets global standard (ECE R37 & SAE/DOT regulation)

Plastic case includes 2 pieces

Product photo / dimensional drawing	Category	Base	Power	Voltage	Colour Temp	Part number	Short Code
	H1 PLATINUM +50	P14.5s	55 W	12 V	3200K	8GH-178555-052	G5051PL
	Single replacement					8GH-178555-053	G5051PL1
	H4 PLATINUM +50	P43t	60/55 W	12 V	3200K	8GJ-178555-492	G5492PL
	Single replacement					8GJ-178555-493	G5492PL1
	H7 PLATINUM +50	PX26d	55 W	12 V	3200K	8GH-178555-502	G5502PL
	Single replacement					8GH-178555-503	G5502PL1



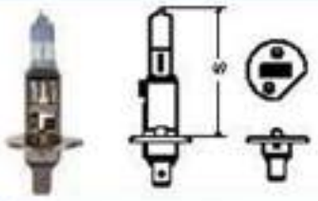
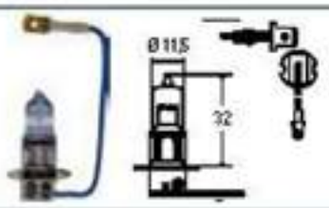
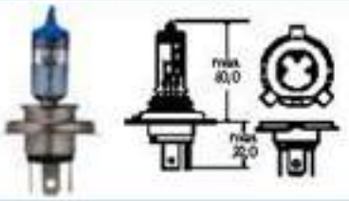
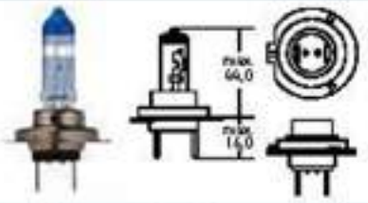
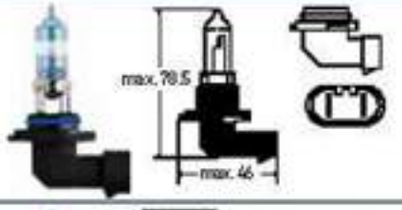
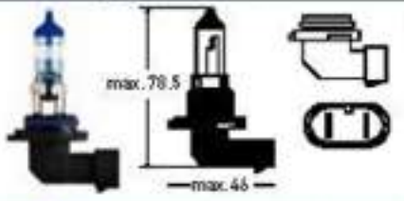
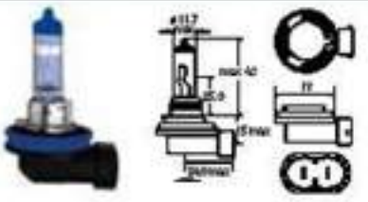
High Performance Bulbs - Daymaker +80

The optimised illuminant and a special coating process used on the glass bulb allows the Daymaker +80 version to achieve up to 80 percent more light than comparable standard halogen bulbs, giving drivers more driving pleasure and maximum safety.

Features:

- Delivers 80% more light on the road.
- Up to 40 meters longer light beam compared to standard bulbs.
- Special blue-coating deliver white & clear lights.
- Meets global standard (ECE R37 & SAE/DOT regulation).

Plastic case includes 2 pieces

Product photo / dimensional drawing	Category	Base	Power	Voltage	Colour Temp	Part number	Short Code
	H1 DAYMAKER+80	P14.5s	55 W	12 V	3500K	8GH-178555-532	G5532DM
	Single replacement					8GH-178555-533	G5532DM1
	H3 DAYMAKER+80	PK22s	55 W	12 V	3500K	8GH-178555-512	G5512DM
	Single replacement					8GH-178555-513	G5512DM1
	H4 DAYMAKER+80	P43t	60/55 W	12 V	3500K	8GJ-178555-542	G5542DM
	Single replacement					8GJ-178555-543	G5542DM1
	H7 DAYMAKER+80	PX26d	55 W	12 V	3500K	8GH-178555-552	G5552DM
	Single replacement					8GH-178555-553	G5552DM1
	HB3 DAYMAKER+80	P20d	60 W	12 V	3500K	8GH-178560-532	G0532DM
	HB4 DAYMAKER+80	P22d	55 W	12 V	3500K	8GH-178560-542	G0542DM
	H11 DAYMAKER+80	PGJ19-2	55 W	12 V	3500K	8GH-178555-522	G5522DM

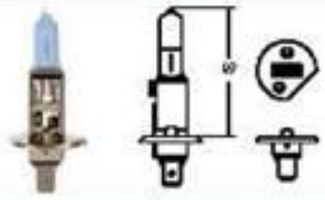
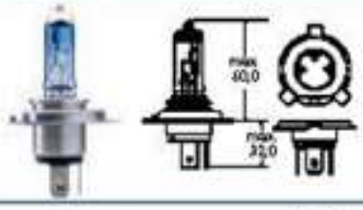
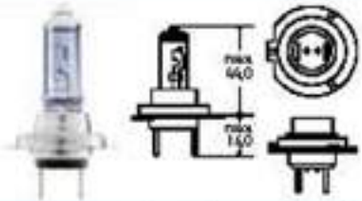
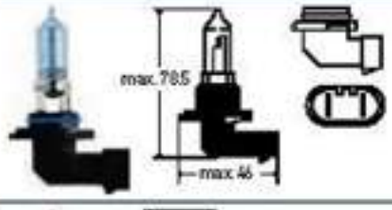
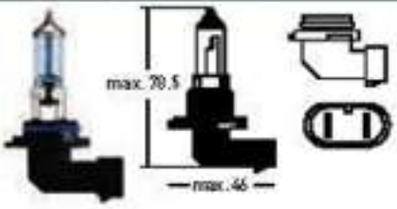
High Performance Bulbs - Daymaker Plus +100

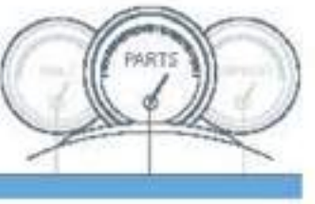
The optimised illuminant and a special coating process used on the glass bulb allows the Daymaker +100 version to achieve up to 100 percent more light than comparable standard halogen bulbs, giving drivers more driving pleasure and maximum safety.

Features:

- Delivers 100% more light on the road.
- Up to 60 meters longer light beam compared to standard bulbs.
- Special blue-coating deliver white & clear lights.
- Meets global standard (ECE R37 & SAE/DOT regulation).

Plastic case includes 2 pieces

Product photo / dimensional drawing	Category	Base	Power	Voltage	Colour Temp	Part number	Short Code
	H1 DAYMAKER PLUS	P14.5s	55 W	12 V	3500K	8GH-178560-692	G6692DM+
	H3 DAYMAKER PLUS	PK22s	55 W	12 V	3500K	8GH-178560-682	G6682DM+
	H4 DAYMAKER PLUS	P43t	60/55 W	12 V	3500K	8GJ-178560-662	G6662DM+
	H7 DAYMAKER PLUS	PX26d	55 W	12 V	3500K	8GH-178560-652	G6652DM+
	HB3 DAYMAKER PLUS	P20d	60 W	12 V	3500K	8GH-178560-702	G6702DM+
	HB4 DAYMAKER PLUS	P22d	51 W	12 V	3500K	8GH-178560-712	G6712DM+



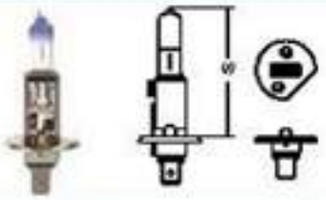
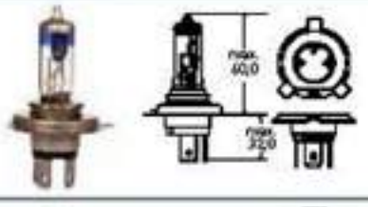
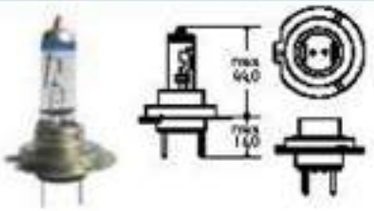
High Performance Bulbs - Performance +120

Performance +120 bulbs make a considerable contribution to vehicle safety: better visibility enables you to recognise hazardous situations in good time and the homogeneous light distribution guarantees more relaxed driving.

Features:

- Delivers 120% more light on the road.
- Up to 70 meters longer light beam compared to standard bulbs.
- Special coating delivers whiter & clearer light.
- Meets global standard (ECE R37 & SAE/DOT regulation).

Plastic case includes 2 pieces

Product photo / dimensional drawing	Category	Base	Power	Voltage	Colour Temp	Part number	Short Code
	H1 PERFORMANCE+120	P14.5s	55 W	12 V	3500K		
	Single replacement					8GH-178560-471	G6471
	H4 PERFORMANCE+120	P43t	60/55 W	12 V	3500K		
	Single replacement					8GH-178560-481	G6481
	H7 PERFORMANCE+120	PX26d	60/55 W	12 V	3500K		
	Single replacement					8GH-178560-491	G6491

High Performance Bulbs - Xenon Blue

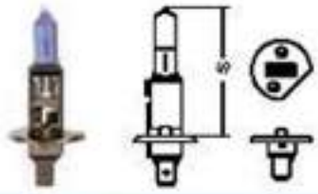
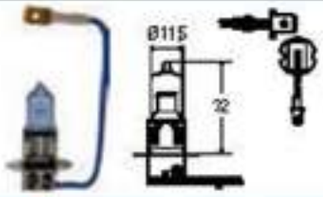
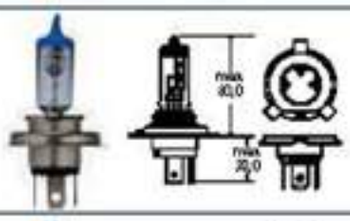
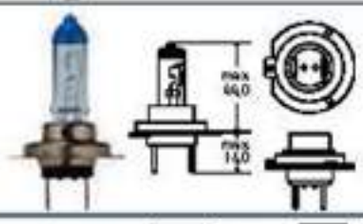
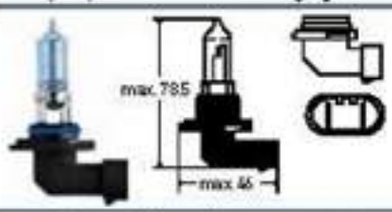
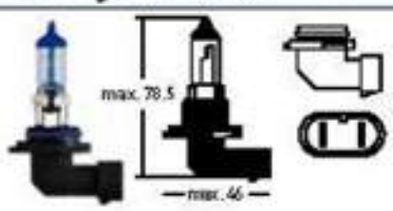
Special demands on design and driving safety are met by our modern design bulbs. With its cool xenon effect, Xenon Blue light is a real alternative for design-oriented drivers.

Thanks to the high 4000K temperature, similar to a xenon bulb, the Xenon Blue version provides up to 20 percent more brightness.

Plastic case includes 2 pieces

Features:

- Brilliant 4000K white daylight.
- Sharper view and better concentration.
- Meets global standard (ECE R37 & SAE/DOT regulation).

Product photo / dimensional drawing	Category	Base	Power	Voltage	Colour Temp	Part number	Short Code
	H1 XENON BLUE	P14.5s	55 W	12 V	4000K	8GH-178555-172	G5171XB
	Single replacement					8GH-178555-173	G5171XB1
	H3 XENON BLUE	PK22s	55 W	12 V	4000K	8GH-178555-072	G5072XB
	Single replacement					8GH-178555-071	G1787XB1
	H4 XENON BLUE	P43t	60/55 W	12 V	4000K	8GJ-178555-122	G5121XB
	Single replacement					8GJ-178555-123	G5121XB1
	H7 XENON BLUE	PX26d	55 W	12 V	4000K	8GH-178555-572	G5572XB
	Single replacement					8GH-178555-573	G5572XB1
	HB3 XENON BLUE	P20d	60 W	12 V	4000K	8GH-178555-992	G5592XB
	HB4 XENON BLUE	P22d	55 W	12 V	4000K	8GH-178555-602	G5602XB

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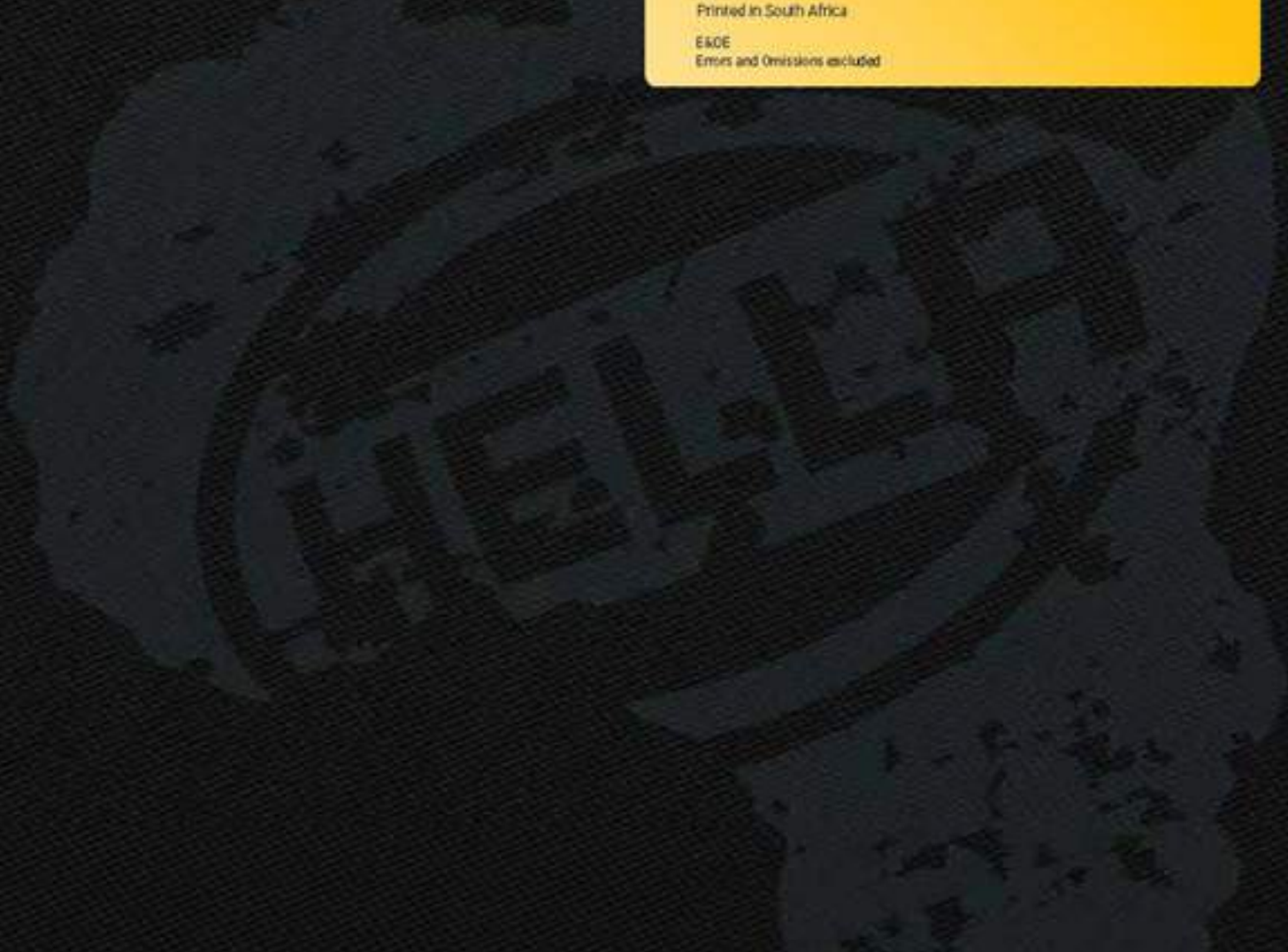

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