

## **PRODUCT OVERVIEW**

1st Edition





### CONTENTS

HEL	LA.	GRO	UP

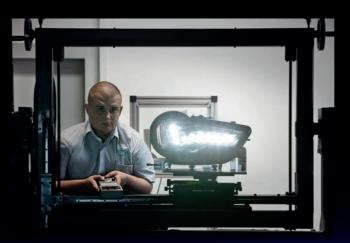
4

2.	LIGHTING	8
2.1	LED Auxiliary Lights	12
2.2	90mm LED Modules	21
2.3	Xenon Auxiliary Lights	24
2.4	Halogen Auxiliary Lights	26
2.5	Conversion Headlamps	30
2.6	HELLA Value Fit LED Lights	32
2.7	Work Lights	52

# 35,000 Employees world wide

# **6,000** People working in research and development







# Top 40 Automotive parts suppliers in the world





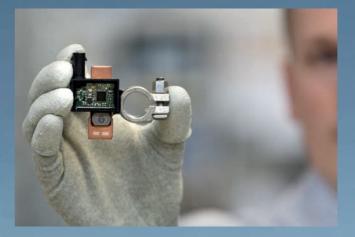


# HELLA VEHICLEHELLA ELECTRICSSPECIFIC LIGHTING& ELECTRONICS



HELLA offers three guarantees with its extensive range of replacement lighting products: best functionality, optimum fit, and lasting customer satisfaction. All replacement parts are made to the same specifications and quality standards as the parts HELLA makes for its OE customers around the world.

<u>HELLA is a global leader in automotive lighting technology</u> and is a supplier to many OE brands. HELLA has helped transform lighting systems from halogen to xenon AFS and now toward matrix LED systems making lighting our signature technology.



Up to 30% of the value of a well-equipped new car is down to its electrical and - even more - its electronic systems. That's not a question of fashion, but the result of consumers increasing demands for safety, convenience and infotainment. However, anything installed in a car is liable to fail some day. 52% of all breakdowns are already caused by faulty software or faulty electronics.

HELLA sensors - enabling purely smooth running from simple physics: speed sensors, air flow meters, knocking sensors, sensors for boost pressure/ manifold pressure, temperature sensors for coolant/oil/air, lambda sensors, level sensors for oil/coolant/washing water, accelerator position and throttle valve position - making modern aggregates out of motors



# HELLA PAGID BRAKE SYSTEMS

# BEHR HELLA SERVICE



HELLA PAGID offers a fully comprehensive range of brake products and services with excellent solutions and the quality of a strong brand. OE expertise combines with experienced and skilled aftermarket and service capabilities. Our services are comprehensive and always fulfil the high standards that are characteristic of today's automotive market.

Dealers and independent garages trust us because they can rely on us, because we maintain close dialogue with them and understand their requirements, which are fully met by the sophisticated solutions of our range, and because we offer brand quality at a fair price.



Behr and HELLA proudly announced the launch of the North American joint venture for Engine Cooling and Air Conditioning on April 2, 2007, under the brand, Behr Hella Service. Automotive supplier, Behr (specialist for vehicle air conditioning and engine cooling), and HELLA (specialist for components and systems for lighting technology and electronics) together serve the worldwide independent aftermarket for vehicle air conditioning and engine cooling.

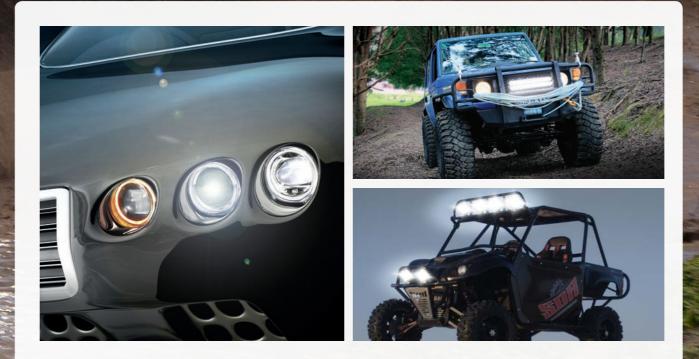
The combination of HELLA's worldwide sales organization with Behr's product know-how is a natural progression of the already existing cooperation between Behr and HELLA in the field of climate control and front-end modules.





# HELLA LIGHTING

HELLA develops almost indestructible products, such as the Rallye 4000 LED series and <u>LED lightbar specifically for the off-road market</u>. Quality, power and better lighting performance, along with a wide range of products, are already part of the HELLA tradition.



# KNOWLEDGE OF LIGHT AND POWER

Innovations from HELLA. With HELLA, you opt for products with uncompromising quality. We work every day to make our lighting solutions even better and safer. As a result of our relentless innovative energy, we are among the first, best and even the sole suppliers or manufacturers in many areas of vehicle and lighting technology. We are currently pleased to be playing a particularly strong pioneering role with our Rallye LED using 100% LED technology.

**Research and development.** As in the field of stress testing where we test our products on the durability of the material and light source, HELLA headlights undergo continuous quality and performance tests for light distribution and radiation intensity. They are granted approval under the type approval requirements of the EU approval process. Different tasks require different headlights. The result is headlights of the highest quality – perfectly matched to the most diverse requirements under extreme conditions.

### **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 insta-

lled 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 catalog 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. CELIS® light guides

With CELIS® technology (Central Lighting Systems), fibreglass cables or thin plastic rods transport the light from a central light source to where it is required.

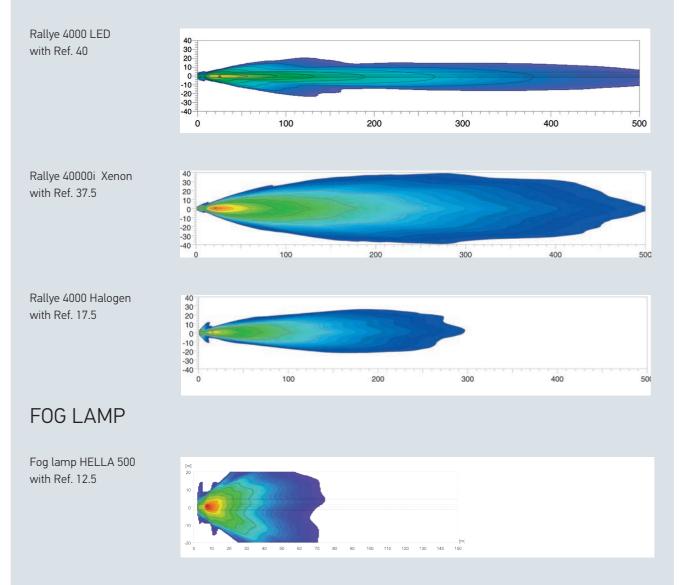
### ECE & SAE APPROVALS

### 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

### **AUXILIARY LIGHTING** 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.



### 2. Lighting

2.1 Auxiliary Lights

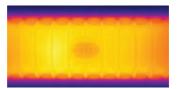
# HELLA LED LIGHT BAR SERIES



# The Choice of the Professional Driver

Then look no further: HELLA has just the right equipment for professional and recreational drivers, introducing a range of award winning LED light bars that guarantee powerful illumination for ultra-durable applications: Meet the LED Light Bar 350 and its bigger brother, the LED Light Bar 470. As a manufacturer of world leading state of the art light technology, HELLA's relentless dedication to continuously improve the latest designs is shown in the unique range of LED Light Bars that stand out due to their light weight, a revolutionary non corrosive housing and a flexible mounting system for numerous applications.





Outstanding thermal performance.



### 01 Outstanding Thermal Performance

Revolutionary plastic ceramic materials, with outstanding thermal performance, open up a world of possibilities that was never thought to be achievable only a few years ago. The replacement of metal based housing heat-sinks with thermally conductive plastic not only opens a myriad of design options, but also means complete corrosion resistance. This is especially important in demanding environmental conditions where lights are constantly exposed to the elements and are sometimes temporarily submerged.

A lamp housing made from thermally conductive plastic works much the same as the previously used metal housing. The innovative ceramic based plastic transfers the heat generated by the LED's and drive electronics to the outside of the lamp body, thereby lowering the internal thermal stress on the component. This in turn ensures a long service life with minimal degradation of the LED's.

# LIGHTING

### 02 Intelligent Design Features



### 03 Light Weight

Less metal also means less weight: Lamps with thermally conductive plastic are up to 60% lighter than comparable metal bodied lamps. The much lower mass significantly reduces the stress on mounting points in high vibration and shock applications.

When mounting the popular Driving Lights on ATV's and off-road vehicles, weight is an important factor. Compared to many heavier lights in the market, HELLA's Light Bars have little impact on the original vehicles all-important weight distribution. Expertly designed and precision manufactured for the toughest of outdoor conditions.

The LED Light Bar housing has been purposely designed with a wavy contour to optimize rapid heat dissipation, making the lamp more thermal efficient.

Off-roading can be a dirty business, the wavy contour is easy to clean as there are no cavities which can be clogged with dirt, unlike traditional light bars with a horizontal fin design.

Double bracket light bar for off-road use only





Housing design incorporates an easy to clean profile.

### 04 LEDs

Durable high performance automotive grade LEDs and precision optics give the light bar superior illumination on and off-road.



LED Light Bar 350 - 12 LEDs LED Light Bar 470 - 16 LEDs



### 05 Dust and Waterproof

Built to stand all weather and off-road conditions the light bar is hermetically sealed making it dust and waterproof.

IP 6K7 (Protection against dust and temporary water immersion)IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)

# 06 Low Profile Mounting System

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The HELLA LED Light Bar has a much lower profile than traditional light bars, this allows more flexibility in where the lamp can be mounted. The aerodynamic design results in less disturbance to the air flow so that the vehicle's cooling and performance are not adversely affected if the lamp is mounted near a radiator grille.

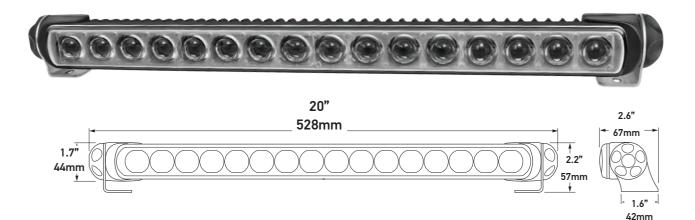
The heavy duty bracket will suit most vehicle installations. Easy to mount and adjust and therefore ideal for numerous applications. Made of stainless steel, it is ultra durable and non corrosive.



### Lighting 2.

### 2.1 Auxiliary Lights

# HELLA LED LIGHT BAR 470



5YR

STEEL

After the success of the HELLA LED Light Bar 350, HELLA is introducing the longer and brighter brother, the LED Light Bar 470. The new Light Bar features all the outstanding properties of the previous model plus an additional four high performance automotive LEDs and a maximum luminous intensity of 166,000 candela at a power consumption of only 35 watts. Weighing only 2lbs (950g) the Light Bar is particularly popular for roof mount applications on ATV's and Off-road vehicles.

### Features:

- 20" (528mm) long
- Lightweight at only 2lbs (950 g)
- 1900 measured lumens
- With 16 intensely bright high-power LEDs
- Reverse polarity and transient spike protection
- Connection: Wire leads
- 35 W, 9 33V (Multivolt)

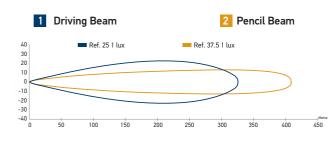
### Mounting:

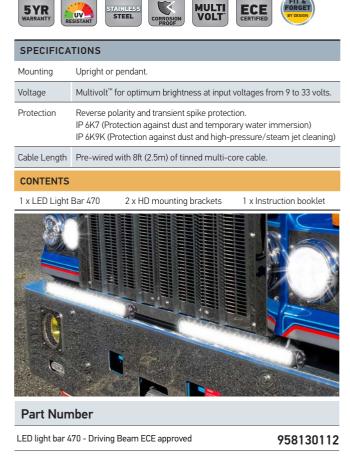
- Horizontal mounting
- Pendant mounting

### **Applications:**

- Long Range
- Off road use (Driving and Pencil beam versions ECE approved)
- Trucks / SUVs / ATVs / UTVs / Off-road vehicles

### LIGHT DISTRIBUTION:





LED light bar 470 - Pencil Beam ECE approved

Accessories

Stainless Steel Dual Bracket compatible with 350 and 470 Light Bars

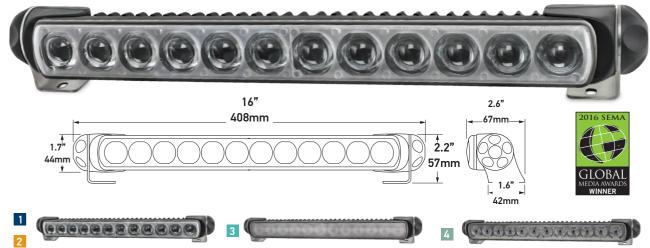
Part Number Dual Bracket 958128811

958130012





# HELLA LED LIGHT BAR 350



### Features:

- 16" (408mm) long
- Lightweight at only 1.7 lbs (790 g)
- Two intensity light settings for Wide and Narrow Beam versions
- 1500 Lumens for Driving and Pencil Beam versions
- $\bullet$  2200 Lumens for Wide and Narrow Beam versions (on 'High' setting)
- 220 Lumens for Wide and Narrow Beam versions (on 'Low' setting)
- With 12 intensely bright high-power LEDs
- Connection: Wire leads
- 25 W, 9 33V (Multivolt)

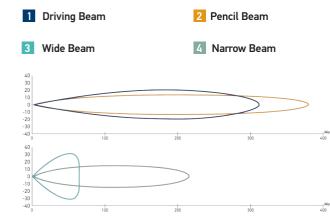
### Mounting:

- Horizontal mounting
- Pendant mounting

### Applications:

- Long Range
- Off road use (Driving and Pencil beam versions ECE approved and street legal in Canada)
- Trucks / SUVs / ATVs / UTVs / Off-road vehicles

### LIGHT DISTRIBUTION:





### SPECIFICATIONS

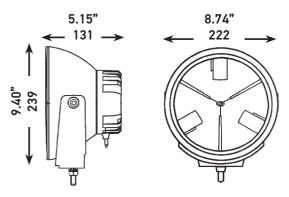
Mounting	Upright or pendant.			
Voltage	Multivolt <sup>™</sup> for optimum brightness at input voltages from 9 to 33 volts.			
Protection	Reverse polarity and transient spike protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)			
Cable Length	Pre-wired	Pre-wired with 8ft (2.5m) of tinned multi-core cable.		
CONTENTS				
1 x LED Light Bar 350 2 x HD mounting brackets 1 x Instruction booklet				
Part Number				
LED light bar 350 - Driving Beam ECE approved 95804007				
LED light bar 350 - Pencil Beam ECE approved 958040081				
LED light bar 350 - Wide Beam with dimming function 95804052			958040521	
LED light bar 3	LED light bar 350 - Narrow Beam with dimming function 95804064			

### 2. Lighting

### 2.1 LED Auxiliary Lights

### RALLYE 4000 LED







### Features

- Three High performance LED's
- Low power consumption
- Very high lifespan no bulb change necessary
- 1500 lumens (measured)
- Homogenous and ideal illumination due to computer optimized fine tuning of LED light sources and free-form refloctor
- Reduces driver fatigue due to the color temperature being close to daylight
- Special blue retaining ring to indicate LED technology
- Multivolt 9 32 V DC
- Power Consumption: 30/1W
- 6000°K Color Temperature
- Connection: Wire leads
- Comes with white stone shield
- Sold individually

### Mounting

- Upright mounting
- Pendant mounting

### Applications

- Long Range
- Off-road use only

### Applications

- 1 Lamp
- 1 Mounting Instructions

### Part Number

0011002101 - Rallye 4000 LED Driving Light w/Position Light

RALLIE 4000	Teatures		Mounting
COMPACT LED	<ul> <li>2 High Performance LEDs</li> <li>UV-resistant polycarbonate le</li> <li>Sturdy, high-quality full-metal</li> </ul>		<ul><li> Upright mounting</li><li> Pendant mounting</li></ul>
	Double reflector for an even b	Applications	
	<ul> <li>Low Power Consumption</li> <li>Passive heat dissipation of the</li> <li>Very high lifespan - no bulb ch</li> <li>Reduces driver fatigue</li> </ul>	• Off-road use only	
	Compact size		Includes
e Hella	<ul> <li>Adjustable aluminum bracket</li> <li>1500 lumens (measured)</li> <li>6000°K Color Temperature</li> <li>Connection : Wire Leads</li> <li>Sold Individually</li> </ul>	Scan for Video!	<ul><li>1 Lamp</li><li>1 Stone Shield</li><li>Mounting Instructions</li></ul>
	Comes with White Stone Shie	ld	Part Number
7.1* 4.7*	• Multivolt 9-32 VDC		011815041
10 mm	(m) E (radial) (284.5 [x] at (1.2, 0.6)) of "Strasse/Street"     (1.2, 0.6)) of "Strasse/Street"	400 500 600 700 400 28.4 284.5 00 1303111h_iso.IES -0.600 0.650 0.000 0.00 0.00	4

RALLYE 4000 X LED

RALLYE 4000

### Features

Features

- 2 High Performance LEDs
- Sturdy, high-quality aluminum housing
- Double reflector for an even beam pattern
- Dust and waterproof
- Low Power Consumption
- Passive heat dissipation of the LED electronics with cooling ribs
- Very high lifespan no bulb change necessary
- Reduces driver fatigue
- Compact size
- Die-cast aluminum bracket
- 760 lumens (measured)
- 6000°K Color Temperature
- Connection : Wire Leads
- Sold Individually
- Comes with Black Stone Shield
- Multivolt 10-32 VDC
- 40W

### Mounting

Mounting

- Upright mounting
- Pendant mounting

### Applications

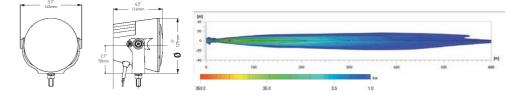
• Off-road use only

### Includes

- 1 Lamp
- 1 Stone Shield
- Mounting Instructions

### Part Number

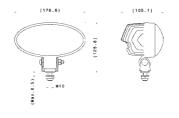
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### Lighting 2. 2.1 LED Auxiliary Lights

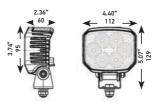
### FF 300 LED





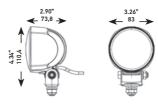
### MICRO FF LED





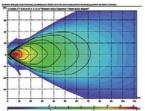
### MICRO 70 LED





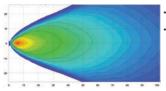
### Features

- 10 High Performance LEDs
- Die cast aluminum housing
- 2,000 lumens (measured) • 5700° K light temperature
- Compact size
- Sold Individually
- Connection: DT connector
- Multivolt 9-33V DC
- 28W



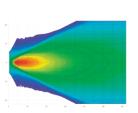
### Features

- 6 High Performance LEDs
- Stainless steel bracket
- 1300 lumens (measured)
- Aluminum die cast housing
- 6500° K light temperature Connection: DT connector
- Sold Individually
- Multivolt 9-33V DC
- 18W



### Features

- 4 High Performance LEDs
- Die cast aluminum housing
- 850 lm (measured)
- Glass lens • 6500° K light temperature
- Connection: Harness (comes with kit)
- Sold as kit • Multivolt 9-33V DC
- 15W



### Mounting

Upright

### Applications

• Off-road use only

### Includes

• 1 Light



Part Number H15176401



- Upright • Pendant

### Applications

### Includes

• 1 Light • DT pigtail



Part Number



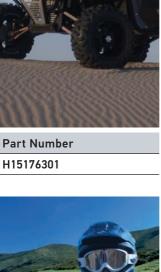
### Upright

### Applications

• Off-road use only

### Includes

- 2 Lights
- 1 Wire Harness
- 1 Relay
- 1 Switch
- Mounting Hardware
- Mounting Instructions





Part Number H15176201





# \_IGHTING

### LEDAY LINE 15° & 30° DAYTIME **RUNNING LIGHTS**



### Features

- High performance LEDs
- Angled to suit curved bumper profile
- Resistant to harsh UV rays
- Low power consumption
- Easy-Fit Installation
- 8 LEDs per Side
- Power Consumption: <2W per Lamp
- Housing Material: Plastic
- Lens Material: High Impact Acrylic
- Connection: Wire Leads
- SAE / ECE approved

### Mounting

• Flush

### Applications

- Safety in traffic
- High visibility for other drivers
- Universal application

### Includes

- 2 Lamps
- 2 Mounting Brackets
- 1 Changeover Relay
- Universal Mounting Hardware
- Mounting Instructions



Part Number	
980850801 - 30°	
980860801 - 15°	

### **3 LED DAYTIME RUNNING LIGHTS**



2.51"

63,8

0

6.67"

169,3

0

### Features

- •Three high performance LEDs
- Attractive, clear-glass design
- Stable aluminum housing
- Trouble-free installation through diverse installation options SAE / ECE approved

### Mounting

- Upright
- Pendant

### Applications

- Safety in traffic • High visibility for other drivers
- Universal application

### Includes

- 2 Lights with Brackets
- •1 Control Unit with Wiring Harness
- Mounting Hardware
- Mounting Instructions



Part Number

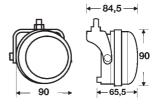
009496801

### **90MM LED DAYTIME RUNNING LIGHTS**

0

52.3 0.0





### Features

- 3 high performance LEDs
- Attractive, clear-glass design
- Stable plastic housing
- Trouble-free installation through diverse installation options
- SAE / ECE approved

### Mounting

- Upright
- Pendant
- Flust

### Applications

- Safety in traffic
- High visibility for other drivers
- Universal application

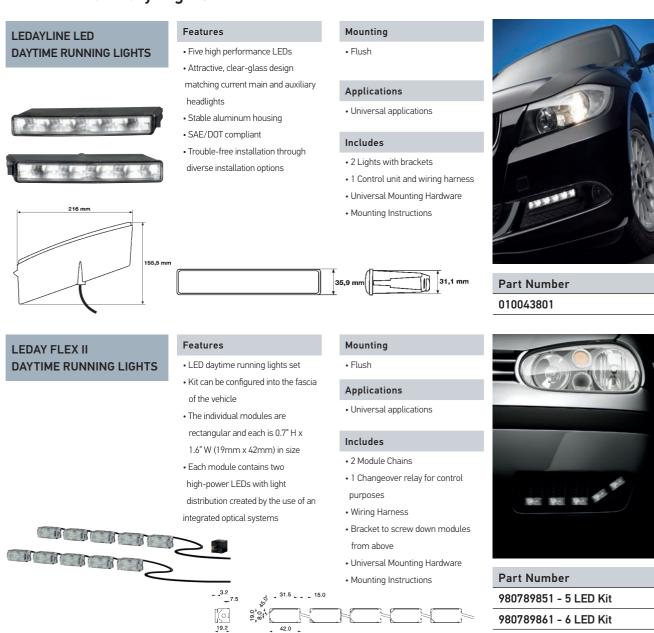
### Includes

- 2 Lights with Brackets
- •1 Control Unit with Wiring Harness
- Mounting Hardware
- Mounting Instructions



Part Number 009599811

# Lighting LED Auxiliary Lights



# LIGHTING

### 2. Lighting

### 2.2 90 mm LED Modules

### 90 MM LED MODULES

The new L4060 LED series is the new addition to the range of 90 millimeter LED modules. This makes HELLA the only supplier in the market to provide a replacement concept for all 90 millimeter halogen modules using LED technology. The design of the new module is very compact and allows three light functions in one module without additional electronics. The resistant cover plate of polycarbonate and the cast aluminum housing are extremely robust and can withstand even tougher loads. The new L4060 LED series give you more illumination and safety with innovative LED technology.

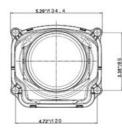
### 90 MM CONFIGURATOR

This tool shows you the options for equipping or upgrading a vehicle with 90 mm LED modules. See images from Europe's biggest light testing facility and compare the light distribution of halogen and LED modules, in order to help you make the right choice for your application.

and the

### BI-LED HIGH/LOW BEAM MODULE GEN II





### Features

- Module headlight
- Polycarbonate lens
- Sturdy die-cast aluminum housing
- Integrated DT connector
- SAE / ECE approved
- Multivolt 9-33V
- Low Beam: 20W
- High Beam: 30W

### Mounting Flush

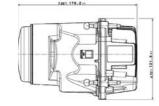
### Applications

- Universal application
- Retrofi

### Includes

- 1 Light
- Mounting Hardware
- Mounting Instructions





### Part Number

012758121 - SAE

012758101 - (ECE) Right hand traffic

### Lighting 2.

### 2.2 90 mm LED Modules

# LED HIGH BEAM L4060

2.89" 73.5MM

Pre-mounted carrier frame

5

2.1" / 54MM 3.5"/9

### Features

- Module headlight
- Polycarbonate lens
- Sturdy die-cast aluminum housing
- Silver design cover SAE / ECE approved
- Integrated FEP connector
- FEP to DT connector sold separately
- Part# 202117001
- Multivolt 9-33V • 20W

Features

Module headlight

Polycarbonate lens

• Silver design cover

 SAE / ECE approved Integrated FEP connector

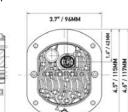
Part# 202117001

• Multivolt 9-33V

• 20W

Sturdy die-cast aluminum housing

• FEP to DT connector sold separately



### Mounting

• Flush

### Applications

- Universal application
- Retrofi

### Includes

- 1 Light Mounting Hardware
- Mounting Instructions

### Part Number

### 011988021 - Pre-mounted carrier frame

011988121 - Performance mount

### Mounting

- Universal application

- Mounting Instructions



### Part Number

- 011988031 Pre-mounted carrier frame
- 011988131 Performance mount

### Mounting

### • Flush

### Applications

- Universal application
- Retrofi

### Includes

### • 1 Light

- Mounting Hardware
- Mounting Instructions

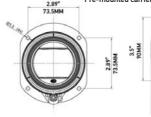


### Part Number

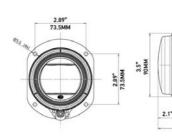
011988071 - Carrier frame without pulse generator



LED HIGH BEAM L4060 W/ DRL & POSITION LIGHT



### LED HIGH BEAM L4060 W/ INDICATOR



### Features

3.5" / 9

- Module headlight
- Polycarbonate lens
- Sturdy die-cast aluminum housing
- Silver design cover
- SAE / ECE approved (SAE vehicles < 80" only)
- Integrated FEP connector
- FEP to DT connector sold separately
- Part# 202117001 • Multivolt 9-33V
- 20W

54MM 3.5"



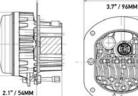


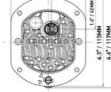
• Flush Applications Retrofi Mounting Hardware

# Includes









# LIGHTING

### LED LOW BEAM L4060



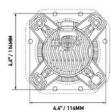
0.1"/ 3MM

1.9"/ 33MM 0.5"/ 14MM

3.5" / 90MM

### Features

- Module headlight
- Polycarbonate lens
- Sturdy die-cast aluminum housing
- Silver design cover
- Performance mount
- SAE / ECE approved
- Integrated DT connector
- Multivolt 9-33V
- 20W



### LED FOG LIGHT L4060



3.7" / 96MM

2.8" / 73MM

4.6/117MM 3"/77MM 5.6" / 143MM

### W/ DRL & POSITION LIGHT

3.5" / 90MN

**90 MM LED ACCESSORIES & SPARE PARTS** 

### Features

- Module headlight
- Polycarbonate lensSturdy die-cast aluminum housing
- Stardy die edst diaminarinie
- Silver design coverSAE / ECE approved
- Integrated FEP connector
- FEP to DT connector sold separately Part# 202117001

3.7" / 96MM

• Multivolt 9-33V

• 20W

2.4" / 63MM

3.8" / 99MM

1.2" 31MM

### Mounting

Mounting

Applications

Universal application

Mounting Hardware

Mounting Instructions

Part Number

012488101

• Flush

• Retrofi

Includes

• 1 Light

### • Flush

### Applications

Universal application

Retrofi

### Includes

### • 1 Light

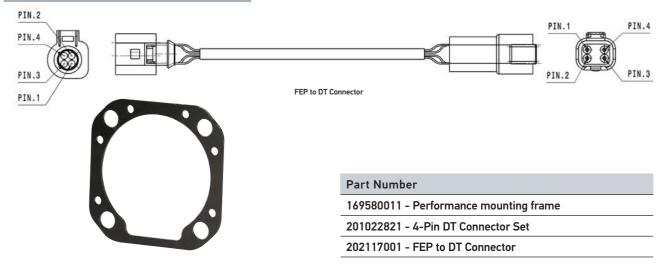
- Mounting Hardware
- Mounting Instructions



### Part Number

011988001 - Pre-mounted carrier frame

012488121 - with daytime running and position light



4.5

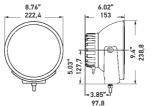
Performance mounting frame

### Lighting 2.

### 2.3 Xenon Auxiliary Lights

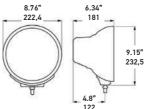
### RALLYE 4000i XENON





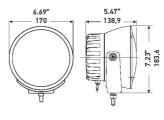
### **RALLYE 4000 XENON**





### RALLYE 4000i **COMPACT XENON**

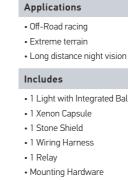




### Features

### Internal ballast

- Black powder-coated metal housing
- Optics free glass lens for a modern design
- Red retaining ring
- Also available in Euro and
- Pencil beams • 12V
- 35W



Mounting

 Upright Pendant

Mounting Instructions

- 1 Light with Integrated Ballast

Mounting Upright

Applications

Off-Road racing

Extreme terrain

• 1 Xenon Capsule

1 Xenon Ballast

• 1 Stone Shield • 1 Wiring Harness

Mounting Hardware

Mounting Instructions

Includes

1 Light

• 1 Relay

Mounting

Applications

Off-Road racing

Extreme terrain

Long distance night vision

 Upright Pendant

Long distance night vision

- Part Number 007560771 - Driving Beam 007560751 - Flood Beam

### Features

- Robust, black powder-coated metal housing with red accent ring
- Optimized reflector for more homogenous illumination
- High-quality tempered glass lens Knurled adjustment knobs for fast lamp adjustment without special tools
- Generation 3 external mount ballast
- 12V
- 35W

- Features • Internal ballast for the ultimate in
- mounting flexibility Black powder-coated metal housing
- Modern design
- Compact size
- Red retaining ring
- 12V
- 35W

- - •1 Light with Integrated Ballast
    - 1 Xenon Capsule
    - 1 Stone Shield

Includes

- 1 Wiring Harness
- 1 Relay
- Mounting Hardware
- Mounting Instructions



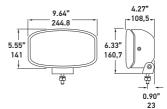
### Part Number 007560542 - Euro Beam



Part Number 009094331 - Driving Beam 009094321 - Pencil Beam

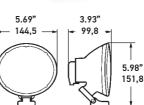
### JUMBO 320 XENON





### FF 200 XENON KIT





### Features

- Innovative clear lens design
- Modern rectangular shape
- Long-range
- Powerful illumination
- Magnesium free-form reflector
- 6 LEDs for position light function
- 12V

Features

Long-rangePowerful illumination

• 12V

• 35W

• Elegant, innovative clear lens design

• Highly-sophisticated FF reflector

• Fast-fit mounting system for

universal attachment

• Also available in singles

• 35W

### Mounting

Upright

• Pendant

### Applications

- Large applications
- Extreme terrain

### Includes

- 1 Light
- 1 Xenon Capsule
- 1 Xenon Ballast
- 1 Wire Harness

Mounting

Upright

Applications

•Additional driving light

• Small mounting area

2 Xenon Capsules 2 Xenon Ballasts 1 Wiring Harness

Motorcycles and sports cars

• Endurance racing

Includes

• 2 Lights

• 1 Relay

- Mounting Hardware
- Mounting Instructions





### Part Number

H12773021



### Part Number

007893871

Mounting Hardware
 Mounting Instructions

Lighting
 Halogen Auxiliary Lights

# HELLA 500 SERIES

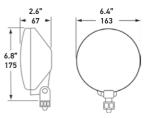
# The art of lighting with innovative free-form reflector technology

The HELLA 500 series of halogen auxiliary lights can be easily installed on the roof or front bumper of a vehicle. They are fully equipped to withstand extreme driving situations. That not only sounds good but looks good too, with a compact design and black casing with matte finish.

In terms of lighting technology, these auxiliary lights offer homogeneous lighting with the help of computeroptimized, free-form reflectors. These lights provide excellent visibility and active safety in all weather conditions.



	Part No.	Description	Kit	Single
1	005750952	HELLA 500		
2	005750941	HELLA 500FF		
3	005750971	HELLA 500 FOG		
4	005750512	HELLA 500 AMBER		
5	005750991	HELLA 500 BLACK MAGIC		



### Features:

- Light-weight design
- Impact-resistant reinforced ABS
   housing
- Aluminum vapor-coated reflector
- Bonded glass lens
- Upright mounting
- 12V, 55W

### Kits Include

- 2 Lights, 2 Stone Shields
- 2 Halogen Bulbs
- 1 Wiring Harness
- 1 Switch, 1 Relay
- Mounting Hardware
- Mounting Instructions

### Single Include

- 1 Light
- 1 Halogen Bulb
- 1 Stone Shield
- Mounting Hardware
- Mounting Instructions

### **HELLA 1000 BLACK MAGIC**



### Features

- Light-weight Design
- Aluminum vapor-coated reflector
- Impact-resistant reinforced ABS housing
- Innovative Black Optics technology creates unique blackout look when off
- Brilliant white driving beam when on
- Bonded glass lens
- ECE Approved
- 12V
- 55W

### Mounting

Upright

### Applications

- Off-Road racing • Rural, night driving

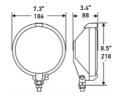
### Includes

- 2 Lamps
- 2 Halogen Bulbs
- 1 Wiring Harness
- 1 Switch, 1 Relay
- Mounting Hardware
- Mounting Instruction



Part Number

004700771



### HELLA 700FF KIT



7.3" 186

### Features

- Light-weight design
- Aluminum vapor-coated reflector • Impact-resistant reinforced ABS housing
- 13% larger than the 500FF Series
- Bonded glass lens
- 12V
- 55W

### Mounting

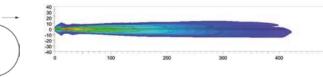
• Upright

### Applications

- Off-Road racing
- Rural, night driving

### Includes

- 2 Lamps, 2 Stone Shields
- 2 Halogen Bulbs
- 1 Wiring Harness
- 1 Switch, 1 Relay
- Mounting Hardware
- Mounting Instructions





### Part Number

010032801

27

# Lighting Halogen Auxiliary Lights

### RALLYE 4000 & RALLYE 4000 FF



### RALLYE 4000 FOG



### RALLYE 4000 COMPACT

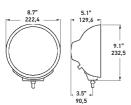


RALLYE 3000 COMPACT



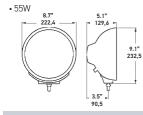
### Features

- Housing Material: Die-cast Zinc
- Optics: Reflector/Lens
- Lens Material: Glass
- Connection: Male Connector
- Mounting Bracket: Die-cast Zinc
   12V
- 100W (Rallye 4000), 55W (Rallye 4000FF)



### Features

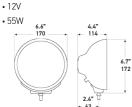
- Housing Material: Die-cast Zinc
- Optics: Reflector/Lens
- Lens Material: Glass
- Connection: Male Connector
   Mounting Bracket: Die-cast Zinc
- ECE / SAE Approved
- 12V



### Features

- Housing Material: Die-cast Zinc
- Optics: Reflector/Lens
- Lens Material: Glass
- 24% smaller than Rallye 4000
- Mounting Bracket: Die-cast ZincECE (Driving beam only)

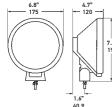
### • ECE (Driving



### Features

- Housing Material: ABS
- Optics: Reflector
- Lens Material: Glass
- 22% smaller than Rallye 4000
- Mounting Bracket: Die-cast Zinc
   ECE Approved
- LCL Approved





### Mounting

### Upright

### Applications

Off-Road racing

• Rural, night driving

### Single Light Includes

- 1 Lamp1 Halogen Bulb
- 1 Stone Shield
- Pigtail
- Mounting Hardware
- Mounting Instructions

### Mounting

Upright

### Applications

- Off-Road racing
- Rural, night driving

### Single Light Includes

- 1 Lamp
- 1 Halogen Bulb
- 1 Stone Shield
- Mounting Hardware
- Mounting Instructions

### Mounting

Upright

### Applications

Off-road use only

### Single Light Includes

- 1 Lamp
- 1 Halogen Bulb (no bulb for -101)
- 1 Stone Shield (no cover for -101)Mounting Hardware
- Mounting Instructions

### Mounting

### Upright

- Applications
- Off-road use only

### Single Light Includes

- 1 Lamp
- 1 Halogen Bulb
- 1 Stone Shield
- Mounting Hardware
- Mounting Instruction

### Part Number

009390011

Part Number H12560021 - Euro Beam H12560031 - w/ position light H12560051 - Cornering Beam H12560061 - Pencil Beam 007560361 - Rallye 4000FF

- Part Number
- H12560001
- Part Number
- 009094101 Pencil Beam
- 009094181 Driving

H12560061 - Pencil Bear 007560361 - Rallye 4000

### HELLA 550



### HELLA 550



### **HELLA 550 AMBER**



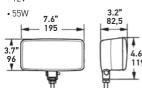
### **JUMBO 220**



### Features

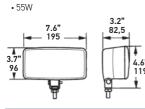
### Light-weight design

- Impact-resistant reinforced ABS
   housing
- Aluminum vapor-coated reflectorBonded glass lens
- ECE Approved
- 12V



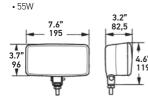
### Features

- Light-weight design
- Impact-resistant reinforced ABS
   housing
- Aluminum vapor-coated reflector
- Bonded glass lens
- ECE /SAE Approved
- 12V



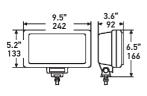
### Features

- Light-weight designImpact-resistant reinforced ABS
- housing
- Aluminum vapor-coated reflector
- Bonded glass lens
- ECE /SAE Approved
- 12V



### Features

- Light Source: H3 12V/55W Bulb
- Housing Material: ABS
- Optics: Lens
- Lens Material: Glass
- Connection: No Leads
- Mounting Bracket: Zinc Coated Steel
- ECE Approved
- 12V
- 55W



### Mounting

### Upright

### Applications

Pendant

Off-road use only

### Single Light Includes

- 1 Lamp
- 1 Halogen Bulb
- 1 Stone Shield
- Mounting Hardware
- Mounting Instructions

### Mounting

- Upright
- Pendant

### Applications

- Off-road use only
- Foggy road conditions

### Single Light Includes

- 1 Lamp
- 1 Halogen Bulb
- 1 Stone Shield
- Mounting Hardware
- Mounting Instructions

### Mounting

- Upright
- Pendant

### Applications

- Off-road use only
- Foggy road conditions

### Single Light Includes

- 1 Lamp
- 1 Halogen Bulb
- 1 Stone Shield
- Mounting Hardware
- Mounting Instructions

### Mounting

Upright

### Pendant

### Applications

• Off-road use only

### Single Light Includes

- 1 Lamp
- 1 Halogen Bulb
- 1 Stone Shield
- Mounting Hardware
- Mounting Instructions

### Kit Light Includes

\_IGHTING

- 2 Lamps
- 2 Halogen Bulbs
- 2 Stone Shields 1 Wiring Harness
- 1 Switch
- 1 Relay
- Mounting Hardware
- Mounting Instructions

### Part Number

### 005700471 - Single

005700891 - Kit

### Kit Light Includes

• 2 Halogen Bulbs

• 2 Stone Shields

• 1 Wiring Harness

Mounting Hardware

Part Number

Mounting Instructions

005700441 - Single

005700901 - Kit

Kit Light Includes

• 2 Stone Shields

• 1 Wiring Harness

Mounting Hardware

Part Number

Mounting Instructions

005700421 - Single

005700881 - Kit

Part Number

H12300021 - Driving

H12300031 - Blue Driving

29

2 Lamps 2 Halogen Bulbs

1 Switch

• 1 Relay

• 2 Lamps

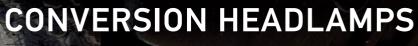
1 Switch

1 Relay

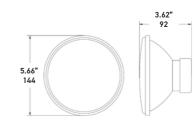
### 2. Lighting

### 2.5 Conversion Headlamps

Meep







### Vision Plus 5<sup>3</sup>/<sub>4</sub>" Sealed Beam Conversion Headlamps

### Ideal For

Retrofitting Replaces old sealed beam lighting technology

Features Produces 50% more powerful beam on low beam Produces 25% more powerful beam on high beam Single lamp fits left or right ECE versions for off-road use only in USA Dust boots included

### 002850811

High/Low Beam (ECE), Kit, 2 H4 12V 60/55W Bulbs, 2 Wiring Adapter Harnesses

Hella

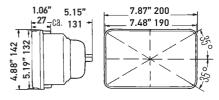
### Part Number

002850871 High/Low Beam (ECE), 1 H4 12V 60/55W Bulb, 1 Wiring Adapter Harness

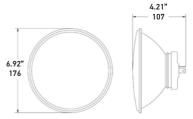
002425811 High Beam (ECE), Kit, 2 H1 12V 55W Bulbs, 4 Adapter Wires

H11425011 High Beam (ECE), 1 H1 12V 55W Bulb, 2 Adapter Wires

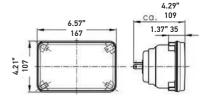












### 7"x6" Rectangular Conversion Headlamps

### Ideal For

Retrofitting Replaces old sealed beam lighting technology

Features Based on European headlamp technology Brighter than a standard halogen due to improved optics without increased glare Produces 50% more powerful beam on low beam Produces 25% more powerful beam on high beam Single lamp fits left or right Replaces standard sealed beam 6052, 6053, H6052, H6054 Direct fit – no modification Dust boots included ECE versions for off-road use only in the USA

### Part Number

003427811 High/Low Beam (ECE), Kit, 2 H4 12V 60/55W Bulbs 003427291 High/Low Beam (SAE/DOT), 1 HB2/9003 12V 60/55W Bulb 003427861 High/Low Beam (ECE), 1 H4 12V 60/55W Bulb

### 7" Round Conversion Headlamps

### Ideal For

Retrofitting older sealed beam headlights to newer halogen replaceable bulbs

### Features

Based on European headlamp technology Brighter than a standard halogen due to improved optics without increased glare Produces 50% more powerful beam on low beam

Produces 25% more powerful beam on high beam

Single lamp fits left or right Replaces 6012, 6014, 6015, 6016, 6017, H6024, H6014, H6017, H6026 Direct replacement for older sealed beam bulbs – no modifications

Direct fit – no modification

Dust boots included

Part Number

002395801 High/Low Beam (ECE), Kit, 2 H4 12V 60/55W Bulbs 002395301 High/Low Beam (SAE/DOT), 1 HB2/9003 12V 60/55W Bulb 002395991 High/Low Beam (ECE), 1 H4 12V 60/55W Bulb

### 4"x6" Rectangular Conversion Headlamps

### Ideal For

Retrofitting Replaces old sealed beam lighting technology

### Features

Part Number

Produces 50% more powerful beam on low beam Produces 25% more powerful beam on high beam Single lamp fits left or right ECE versions for off-road use only in USA Dust boots included

### 003177801

High/Low Beam (ECE), Kit, 2 H4 12V 60/55W Bulbs, 2 Wiring Adapter Harnesses

### 003177862

High/Low Beam (ECE), 1 H4 12V 60/55W Bulb, 1 Wiring Adapter Harness

### 003177821

High Beam (ECE), Kit, 2 H1 12V 55W Bulbs, 4 Adapter Wires

### 003177871

High Beam (ECE), 1 H1 12V 55W Bulb, 2 Adapter Wires





# HELLA VALUEFIT EXCELLENT PERFORMANCE. UNDISPUTED VALUE.

The performance of LED Auxiliary lights is indisputable. The high power LEDs provide outstanding light intensity. The optical reflector provides optimum light distribution for off road applications. Its modern appearance and easy installation allow these auxiliary lights to be installed in virtually any area

allow these auxiliary lights to be installed in virtually any area of your vehicle.



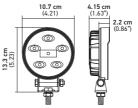


Focus is placed on round and square-shaped LED worklights. The clear lens with reflector optics makes the compact LED work lights particularly attractive from a design perspective. High-power LEDs provide a light intensity of up to 1,200 lumens. All our LED worklights are submersible (IP 67) and tested to the ECE-R10 standard.

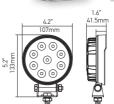


### 2. Lighting 2.6 HELLA Value Fit LED Lights









### 5RD LED Worklight

SRD LED Worklight 700 lm \*, flat and compact, type of protection: IP 67(sumergible) 6 high power LEDs, die-cast aluminum housing, PC lens with optical disperser, protection against reverse polarity, CEE 10 (CEM)

Voltage	Multivolt 9 – 33 VDC	
Wattage	9 W	
Mounting	Stainless steel mounting bracket	
Dimensions	4.2" W x 5.2" H x 1.6" D / 133 x 107 x 41.5mm	
Part Number	357108001 Close Range, Box	

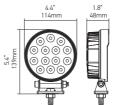
### 5RD LED 1.0 Worklight

### 5RD LED 1.0 Worklight

1000 lm<sup>+</sup>, flat and compact, type of protection: IP 67(sumergible) 9 high power LEDs, die-cast aluminum housing, PC lens with optical disperser, protection against reverse polarity, CEE 10 (CEM)

Voltage	Multivolt 9 – 33 VDC	
Wattage	15 W	
Mounting	Stainless steel mounting bracket	
Dimensions	4.2" W x 5.2" H x 1.6" D / 133 x 107 x 41.5mm	
Part Number	357101002 Close Range, Blister Pack 357100002 Long Range, Blister Pack	





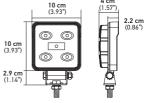
### 5RD LED 2.0 Worklight

5RD LED 2.0 Worklight
2000 lm \*, flat and compact, type of protection: IP 67(sumergible)
14 high power LEDs, die-cast aluminum housing, PC lens with optical disperser, protection against reverse polarity, CEE 10 (CEM)

Voltage	Multivolt 9 – 33 VDC	
Wattage	24 W, 42W (Amber)	
Mounting	Stainless steel mounting bracket	
Dimensions	4.4" W x 5.4" H x 1	8" D / 133 x 107 x 41.5mm
Part Number	357105002 357105012 357105002AMB	Close Range, Blister Pack Long Range, Blister Pack Close Range, Blister Pack, Amber

\* Actual lumens measured.





### 4SQ LED Worklight

### 4SQ LED Worklight

700 lm \*, flat and compact, type of protection: IP 67(sumergible) 6 high power LEDs, die-cast aluminum housing, PC lens with optical disperser, protection against reverse polarity, CEE 10 (CEM)

Voltage	Multivolt 9 – 33 VDC
Wattage	9 W
Mounting	Stainless steel mounting bracket
Dimensions	3.9" W x 3.9" H x 1.5" D / 100 x 100 x 40mm
Part Number	<b>357107001</b> Close Range, Box

### 4SQ LED 1.0 Worklight

**4SQ LED 1.0 Worklight** 1000 lm \*, flat and compact, type of protection: IP 67(sumergible) 9 high power LEDs, die-cast aluminum housing, PC lens with optical disperser, protection against reverse polarity, CEE 10 (CEM)

Voltage	Multivolt 9 – 33 VDC	
Wattage	13 W	
Mounting	Stainless steel mounting bracket	
Dimensions	3.9" W x 3.9" H x 1.5" D / 1100 x 100 x 40mm	
Part Number	357103002 Close Range, Blister Pack 357102002 Long Range, Blister Pack	



10 cm (3.93")

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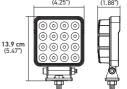
10 cm (3.93")

**2.9 cm** (1.14")

1000 lm

4 cm (1.57

.



### 4SQ LED 2.0 Worklight

**4SQ LED 2.0 Worklight** 2000 Im \*, flat and compact, type of protection: IP 67(sumergible) 14 high power LEDs, die-cast aluminum housing, PC lens with optical disperser, protection against reverse polarity, CEE 10 (CEM)

Voltage	Multivolt 9 – 33 VDC	
Wattage	24 W	
Mounting	Stainless steel mounting bracket	
Dimensions	4.2" W x 5.4" H x 1.8" D / 108 x 139 x 48mm	
Part Number	357106002 Close Range, Blister Pack 357106012 Long Range, Blister Pack	

\* Actual lumens measured.

### 2. Lighting 2.6 HELLA Value Fit LED Lights



### RC360 Remote Controlled Worklight

**RC360 Remote Controlled Worklight** Remotely controlled LED worklight, full rotation of 360 ° by 360 °, polycarbonate lens Flash function, magnetic mount - fixed, cable 4.5 m (15 ft) with cigarette lighter connector Contains: 1 LED Headlamp and remote control, instruction manual and installation components. 2700 lm. \*9 high power LEDs, 6000° K, IP65, Light Pattern: Long Range

20.5 cm (8")		
	Voltage	Multivolt 10 – 30 VDC
	Wattage	90 W
	Mounting	Magnetic or fixed mounting (upright only)
	Dimensions	7.8" W x 8" H x 7.3" D / 199 x 205 x 189mm
	Part Number	H71030701 Black H71030801 White H71030811 Replacement Remote Control
00 lm		H71030811 Replacement Remote Control

18.9 cm (7.3")







### 2 LED BLU Worklight

2 LED BLU Worklight 300 lm \*, spot light, compact. 2 high power LEDs, die-cast aluminum housing, PC lens with optical disperser. Ideal for forklifts, It provides visual warning for pedestrians, Bright blue light beam spot projected on the floor

Part Number	H71030181
Dimensions	4.3" W x 2.4" H x 2.3" D / 110 x 61 x 60mm
Mounting	Stainless steel mounting bracket
Wattage	6 W
Voltage	Multivolt 10 – 80 VDC







For single light

## Wire Harness for Single Light

### Cable harness connector ATP, relay 12 V, 12 V switch and fuse 30 A.. Perfect for HELLA FIT VALUE auxiliary lamps and light bars.

This harness is suitable for connecting any auxiliary headlamp whose consumption energy does not exceed 300 W at 12V. Any misuse can be dangerous. Be sure to disconnect the negative (-) battery before installation to avoid a short circuit.

Voltage	12 VCD	
Wattage	300 W	
Electric connection	1 ATP Connector	
Mounting	-	
Medidas	1 x cable with a length of 10ft / 315 cm 1 x cable fuse 1.5ft / 45 cm in length 1 x switch cable length 6.4ft / 195 cm	
Part Number	357211001	



For two lights

## Wire Harness for Two Lights

Cable harness with 2 connectors DT, 12V relay, 12 V switch and 30 A fuse. Perfect for HELLA FIT VALUE auxiliary lamps and light bars.

This harness is suitable for connecting any auxiliary headlamp whose consumption energy does not exceed 300W 12V. Any misuse can be dangerous. Be sure to disconnect the negative (-) battery before installation to avoid a short circuit.

Part Number	357211011
Medidas	2 x cables with 10ft / 315 cm long 1 x cable fuse 1.5ft / 45 cm in length 1 x switch cable length 6.4ft / 195 cm
Mounting	
Electric connection	2 DT Connectors
Wattage	300 W
Voltage	12 VCD

- 2. Lighting
- 2.6 HELLA Value Fit LED Lights

# HELLA VALUE FIT NORTHERN LIGHTS



------

- 4 LEDs
- Color Temp: 6000K
- Aluminum alloy housingInterchangeable color accents
- PC lens
- IP67

- 12, 24, 40, 60 or 96 LEDs
  Color Temp: 6000K
  Aluminum alloy housing
  PC lens
  IP67

jj



- Color Temp: 6000K
  Aluminum alloy housing
  Low profile
  IP67









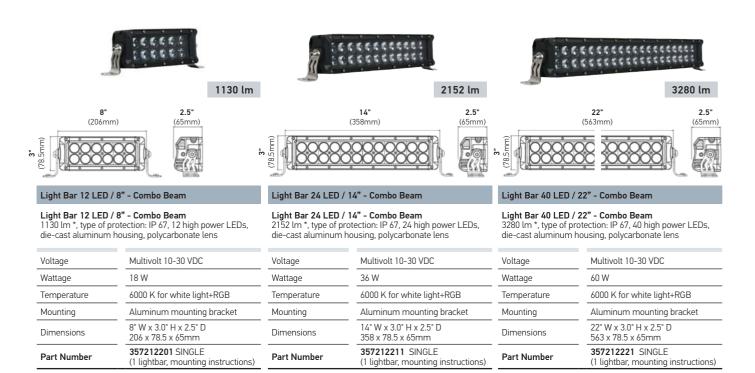
NO

- Control Colors with FREE Mobile Phone App Blue Tooth Connection with IOS & Android Select Any Color You Want Colors Can Change to the Rhythm of Your Music

## 2. Lighting

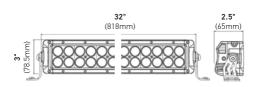
2.6 HELLA Value Fit LED Lights

## **HELLA VALUE FIT NORTHERN LIGHTS**





3800 lm



## Light Bar 60 LED / 32" - Combo Beam

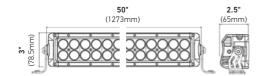
### Light Bar 60 LED / 32" - Combo Beam

3800 lm \*, type of protection: IP 67, 60 high power LEDs, die-cast aluminum housing, polycarbonate lens

Voltage	Multivolt 10-30 VDC
Wattage	90 W
Temperature	6000 K for white light+RGB
Mounting	Aluminum mounting bracket
Dimensions	32" W x 3.0" H x 2.5" D 818 x 78.5 x 65mm
Part Number	<b>357212231</b> SINGLE (1 lightbar, mounting instructions)



## 4700 lm



### Light Bar 96 LED / 50" - Combo Beam

### Light Bar 96 LED / 50" - Combo Beam

4700 lm \*, type of protection: IP 67, 69 high power LEDs, die-cast aluminum housing,polycarbonate lens

Voltage	Multivolt 10-30 VDC
Wattage	144 W
Temperature	6000 K for white light+RGB
Mounting	Aluminum mounting bracket
Dimensions	50" W x 3.0" H x 2.5" D 1273 x 78.5 x 65mm
Part Number	<b>357212241</b> SINGLE (1 lightbar, mounting instructions)



## Cube Series - Spot Beam

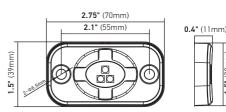
## Cube Series

412 Im \*, type of protection: IP 67, 4 high power LEDs, die-cast aluminum housing, polycarbonate lens, comes with 4 color frames - black, red, yellow with blue installed

Voltage	Multivolt 10-30 VDC
Wattage	12 W
Temperature	6000 K for white light+RGB
Mounting	Metal plate bracket
Dimensions	3.1" W x 3" H x 2.9" D /81 x 78 x 76mm
Part Number	357212101 SINGLE (1 light, mounting instructions, no converter) 357212111 KIT (2 lights, 4x converter, mounting instructions)

## **Rocker Light Series**

Rocker Light Series type of protection: IP 67, 3 high power LEDs per rocker



Part Number	<b>357212001</b> SINGLE (1 light, mounting instructions, no converter) <b>357212011</b> KIT (4 lights, 4x converter, mounting instructions)
Dimensions	2.75" W x 1.5" H x 0.4" D / 70 x 39 x 11mm
Mounting	Flush
Temperature	6000 K for white light+RGB
Wattage	12 W
Voltage	Multivolt 10-30 VDC



## Combo Kit

### Combo Kit

type of protection: IP 67, Two cube lights come with four color frames - black, red, yellow with blue installed, Two Light Bars are both 12 LED / 8" - Combo Beam, Four rocker lights, 8x converter included.

	<b>357212301</b> KIT (2 lightbars, 2 cube lights, 4 rocker lights 8x converter.
Dimensions	
Mounting	Stainless steel mounting bracket
Temperature	60000 K
Wattage	
Voltage	Multivolt 10-30 VDC

Part Number

mounting instructions)

### 4x Converter

4x Converter

Used to connect upto 4 Hella Value Fit Northern lights

Part Number 357212401 8x Converter 8x Converter Used to connect upto 8 Hella Value Fit Northern lights

Part Number 357212411



## Lighting 2. 2.6 HELLA Value Fit LED Lights

## **HELLA VALUE FIT PRO SERIES**

- Combo Beam. A combination of a spot beam and 1 flood beam
- Diecast Aluminum Housing able to withstand 2 the elements.
- Aluminum Alloy Brackets for sturdy upright 3 mounting. A perfect fit for roof, grille and bumper mounting.
- 4 An all around professional LED light bar, a perfect fit for your next race to out shine the competition!





## **Color Temperature**

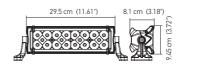
→ Color temperature is close to natural daylight. Drivers operating in such lighting conditions stay alert longer.













## Pro Series Light Bar 20 LED / 12" - Spot Beam

## Light Bar 20 LED / 12" - Spot Beam

3100 lm \*, compact, type of protection: IP 67 20 high power LEDs, die-cast aluminum housing,polycarbonate lens

Voltage	Multivolt 10-30 VCD
Wattage	60 W
Temperature	5500 K
Mounting	Stainless steel mounting bracket
Dimensions	11.6" W x 3.7" H x 3.1" D / 295 x 96 x 81mm
Part Number	357210001 SINGLE (1 lightbar, mounting instructions)

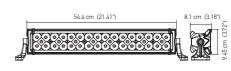
### Pro Series Light Bar 40 LED / 21" - Combo Beam

## Light Bar 40 LED / 21" - Combo Beam

500 lm \*, compact, type of protection: IP 67 40 high power LEDs, die-cast aluminum housing,polycarbonate lens

5500 lm

3100 lm



Voltage	Multivolt 10-30 VCD
Wattage	120 W
Temperature	5500 K
Mounting	Stainless steel mounting bracket
Dimensions	21.4" W x 3.7" H x 3.1" D / 544 x 96 x 81mm
Part Number	357210101 SINGLE (1 lightbar, mounting instructions)

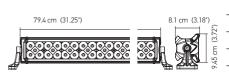


### Pro Series Light Bar 60 LED / 31" - Combo Beam

Light Bar 60 LED / 31" - Combo Beam 9250 lm \*, compact, type of protection: IP 67

60 high power LEDs, die-cast aluminum housing,polycarbonate lens

|--|



Voltage	Multivolt 10-30 VCD
Wattage	180 W
Temperature	5500 K
Mounting	Stainless steel mounting bracket
Dimensions	31.2" W x 3.7" H x 3.1" D / 794 x 96 x 81mm
Part Number	357210201 SINGLE (1 lightbar, mounting instructions)

## Pro Series Light Bar 100 LED / 51" - Combo Beam

Light Bar 100 LED / 51" - Combo Beam 15500 lm \*, compact, type of protection: IP 67 100 high power LEDs, die-cast aluminum housing,polycarbonate lens





## Lighting HELLA Value Fit LED Lights

## **HELLA VALUE FIT DESIGN SERIES**

- 1 **Combo Beam.** A combination of a spot beam and flood beam
- **2 Diecast Aluminum Housing** able to withstand the elements.
- 3 Aluminum Alloy Brackets for sturdy upright mounting. A perfect fit for roof, grille and bumper mounting.
- 4 Sleek low profile design for a discreet lighting solution!





## **Color Temperature**

→ Color temperature is close to natural daylight. Drivers operating in such lighting conditions stay alert longer.

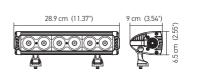




10000K

6000 K Daylight





3000 lm



## Design Series Light Bar 6 LED / 11" - Combo Beam

## Light Bar 6 LED / 11" - Combo Beam

3000 lm \*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing,polycarbonate lens

Part Number	357209001 SINGLE (1 lightbar, mounting instructions)
Dimensions	11.3" W x 2.5" H x 3.5" D / 289 x 65 x 90mm
Mounting	Stainless steel mounting bracket
Temperature	6000 K
Wattage	60 W
Voltage	Multivolt 10-30 VCD

Design Series Light Bar 12 LED / 21" - Combo Beam

Light Bar 12 LED / 21" - Combo Beam

5500 lm \*, compact, type of protection: IP 67 12 high power LEDs, die-cast aluminum housing,polycarbonate lens

5500 lm 54.3 cm (21.37") cm (3.54" 0.000.00000 0.0 凶

Voltage	Multivolt 10-30 VCD
Wattage	120 W
Temperature	6000 K
Mounting	Stainless steel mounting bracket
Dimensions	21.3" W x 2.5" H x 3.5" D / 543 x 65 x 90mm
Part Number	357209101 SINGLE (1 lightbar, mounting instructions)



### Design Series Light Bar 18 LED / 31" - Combo Beam

Light Bar 18 LED / 31" - Combo Beam

8500 lm \*, compact, type of protection: IP 67 18 high power LEDs, die-cast aluminum housing,polycarbonate lens

8500	lm

14500 lm

79.7 cm (31.37")	 9 cm (3.54")
1 <u>000000000000000000000000000000000000</u>	6.5 cm (2.5

Voltage	Multivolt 10-30 VCD
Wattage	180 W
Temperature	6000 K
Mounting	Stainless steel mounting bracket
Dimensions	31.3" W x 2.5" H x 3.5" D / 797 x 65 x 90mm
Part Number	357209201 SINGLE (1 lightbar, mounting instructions)

## Design Series Light Bar 30 LED / 51" - Combo Beam

Light Bar 30 LED / 51" - Combo Beam 14500 lm \*, compact, type of protection: IP 67 30 high power LEDs, die-cast aluminum housing,polycarbonate lens



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51.3" W x 2.5" H x 3.5" D / 1305 x 65 x 90mm
Stainless steel mounting bracket
6000 K
300 W
Multivolt 10-30 VCD

# Lighting HELLA Value Fit LED Lights

## **HELLA VALUE FIT SPORT SERIES**

- 1 **Combo Beam.** A combination of a spot beam and flood beam
- **2 Diecast Aluminum Housing** able to withstand the elements.
- 3 Aluminum Alloy Brackets for sturdy upright mounting. A perfect fit for roof, grille and bumper mounting.
- **4** Get that off-road look whether you're on the street or blazing the trails!





## **Color Temperature**

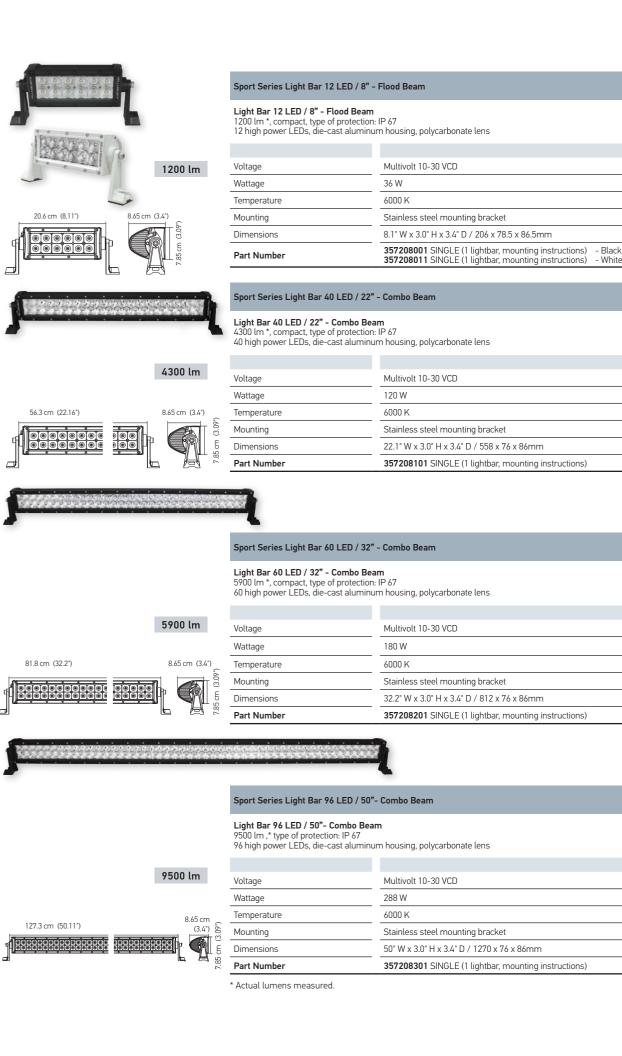
→ Color temperature is close to natural daylight. Drivers operating in such lighting conditions stay alert longer.





HELLA Value Fit Sport Series LED Light Bars





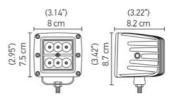
## 2. Lighting

## 2.6 HELLA Value Fit LED Lights

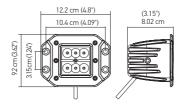












## Cube 4 LED Flood Lights

## Flood Lights

600 lm \*, compact, type of protection: IP 67, 4 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD
Wattage	12 W
Temperature	6000 K
Mounting	Stainless steel mounting bracket / Upright
Dimensions	3.1" W x 3.4" H x 3.2" D / 80 x 75 x 82mm
Part Number	357204831 KIT (2 lights, wiring harness with DT connector, fuse, relay, instructions, mounting hardware) 357204031 SINGLE (1 light, mounting instructions) 357204041 SINGLE, White (1 light, mounting instructions)

## Cube 4 LED Spot Light

Spot Light 690 lm \*, compact, type of protection: IP 67 4 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD
Wattage	12 W
Temperature	6000 K
Mounting	Stainless steel mounting bracket / Upright
Dimensions	3.1" W x 3.4" H x 3.2" D / 80 x 75 x 82mm
Part Number	<b>357204821</b> KIT (2 lights, wiring harness with DT connector, fuse, relay, instructions, mounting hardware)

## Cube 6 LED Flood Light

Flood Light 1000 lm \*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD
Wattage	18 W
Temperature	6000 K
Mounting	Stainless steel mounting bracket / Upright
Dimensions	3.1" W x 3.4" H x 3.2" D / 80 x 75 x 82mm
Part Number	357204051 SINGLE (1 light, mounting instructions)

## Cube 6 LED Flood Light Flush

Flood Light Flush 1000 lm \*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD
Wattage	18 W
Temperature	6000 K
Mounting	Flush
Dimensions	4.8" W x 3.6" H x 3.1" D / 122 x 92 x 80mm
Part Number	357204021 SINGLE (1 light, mounting instructions)



## 7" LIGHT Driving Light SAE/ECE

Driving Light 1080 lm \*, compact, type of protection: IP 67 1 high power LED, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD
Wattage	20 W
Temperature	6000 K
Mounting	Stainless steel mounting bracket / Upright
Dimensions	7.0" W x 7.0" H x 4.1"D / 178 x 178 x 106mm
Part Number	<b>357200001</b> SINGLE (1 light, mounting instructions)

## 7" LIGHT Spot Light

Spot Light 3000 lm \*, compact, type of protection: IP 67 1 high power LED, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD
Wattage	30 W
Temperature	6000 K
Mounting	Stainless steel mounting bracket / Upright
Dimensions	7.0" W x 7.0" H x 4.1"D / 178 x 178 x 106mm
Part Number	357200011 SINGLE (1 light, mounting instructions)

## 90mm Spot Light

Spot Light 995 lm \*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Mounting	Stainless steel mounting bracket / Upright 3.5" W x 3.5" H x 2.2" D /89 x 89 x 58mm
Temperature	6000 K Staiplass staal maupting bracket / Upright
Wattage	18 W
Voltage	Multivolt 10-30 VCD

## 90mm Spot Light Flush

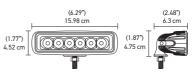
Spot Light 995 lm \*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD		
Wattage	18 W		
Temperature	6000 K		
Mounting	Flush		
Dimensions	4.8" W x 4.8" H x 2.3" D /122 x 122 x 60mm		
Part Number	357201011 SINGLE (1 light, mounting instructions		

### Lighting 2.

## 2.6 HELLA Value Fit LED Lights





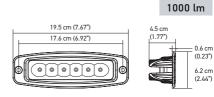














## Mini Lightbar 6 LED Flood Light

## Mini Lightbar Flood Light

1000 lm \*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD		
Wattage	18 W		
Temperature	6000 K		
Mounting	Stainless steel mounting bracket / Upright		
Dimensions	6.2" W x 1.7" H x 2.4" D / 160 x 45 x 63mm		
Part Number	357203001 SINGLE (1 light, mounting instructions) - Black 357203051 SINGLE (1 light, mounting instructions) - White		

## Mini Lightbar 6 LED Spot Light

## Mini Lightbar Spot Light

1000 lm \*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD		
Wattage	18 W		
Temperature	6000 K		
Mounting	Stainless steel mounting bracket / Upright		
Dimensions	6.2" W x 1.7" H x 2.4" D / 160 x 45 x 63mm		
Part Number	357203011 SINGLE (1 light, mounting instructions)		

## Mini Lightbar 6 LED Flood Light Flush

## Mini Lightbar Flood Light

1000 lm\*, compact, type of protection: IP 67 6 high power LEDs, die-cast aluminum housing, polycarbonate lens.

Voltage	Multivolt 10-30 VCD		
Wattage	18 W		
Temperature	6000 K		
Mounting	Flush		
Dimensions	7.6" W x 2.4" H x 1.7" D / 195 x 62 x 45mm		
Part Number	357203031 SINGLE (1 light, mounting instructions)		

## Modular Lightbar 3XL

## Modular Lightbar 3XL

1850 lm <sup>3</sup>, compact, type of protection: IP 67, 3 high power LEDs, magnesium-alloy housing , PMMA lens, More modules can be added through mounting bolts on either side and on top to create desired width and height

Voltage	Multivolt 10-30 VCD	
Wattage	30 W	
Temperature	6000 K	
Mounting	Stainless steel mounting bracket / Upright	
Dimensions	7" W x 2.9" H x 3.1" D / 180 x 76 x 81mm	
Part Number	357205001 SINGLE (1 light, mounting instructions)	

## HELLA VALUEFIT AUXILIARY LIGHT/ WORKLIGHT DISPLAYS

Fully powered light displays with a memorable design! These displays are made from lightweight, rigid material, and can be used to display up to three light bars or six worklights and auxiliary lights. Displays come pre-assembled with switches and a power source (120V).

## Light Bar Display Contents (#M2-016)

 → The pre-assembled product display features one unit of each of the following products (see top photograph for references):
 A) (1) HELLA VALUEFIT Pro Series Light Bar 40 LED / 21"
 B) (1) HELLA VALUEFIT Sport Series Light Bar 12 LED / 8"
 C) (1) HELLA VALUEFIT Design Series Light Bar 6 LED / 11"

## Worklight & Auxiliary Light Display Contents (#M1-016)

- → The pre-assembled product display features one unit of each of the following products (see top photograph for references):
  D) (1) HELLA VALUEFIT 5 RD Close Range LED Lamp
  E) (1) HELLA VALUEFIT 4 SQ 1.0 Close Range LED Lamp
  F) (1) HELLA VALUEFIT 5 RD 2.0 Close Range LED Lamp
  G) (1) HELLA VALUEFIT 5 RD 2.0 Close Range LED Lamp
  G) (1) HELLA VALUEFIT 5 RD 2.0 Close Range LED Lamp
  HELLA VALUEFIT 5 RD 2.0 Close Range LED Lamp
  G) (1) HELLA VALUEFIT 5 RD 2.0 Close Range LED Lamp
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  HELLA VALUEFIT 5 RD 2.0 Close Range LED Lamp
  HELLA VALUEFIT 5 RD 2.0 Close Range LED Lamp
  - I) (1) HELLA VALUEFIT Cube 4 LED Kit Flood Beam

## Dimensions



# HELLA WORK LIGHTS

## What constitutes a good Work Light?

At the end of the day, more profit to the consumer. After all, Work Lights ensure greater effectiveness, more precise maneuvering, faster reaction and more occupational safety.

## How much do good Work Lights cost?

On average, less than a single tank full of gas. For this reason, the advantages easily pay for themselves over many years.

## Where can one find optimum Work Lights?

Look no further. HELLA knows the operating conditions place the highest demands on Work Lights. All HELLA Work Lights are therefore tested during development and manufacturing to meet the highest demands in terms of quality so that they can achieve maximum performance.

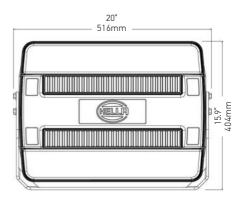


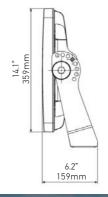


## Lighting 2. 2.7 Work Lights

## HYPALUME 48V RFCommSafe FLOODLIGHT









- → Developed specifically for Mining & Lighting Towers
   → Highly efficient light distribution
   → Suitable for energy saving lighting installations

### Features • 48 V

- Light output (measured): 28,000 lumen
- Power requirement: 300 Watt
- Color temperature: 5,700° KelvinReverse polarity protection
- Transient spike circuit protection
   > 60 VDC over-voltage protection
- Thermal management
  IP 6K9K / IP 6K7
- Built-in 4 pin DT connector
- Soft Start at PIN3
- 5 Dimming levels at PIN 4
- Non-stick and easy to clean surface coating
  High impact Grilamid nylon lens
- RČM, FCC and CE compliance,
- Premium aluminium housing for Mining use
- 50 G Heavy Duty stainless steel bracket
- Mounting standing / hanging.
- 5 year warranty

HypaLUME 48V RFCommSafe CR	1GJ 011 872-221
HypaLUME 48V RFCommSafe LR	1GJ 011 872-231
HypaLUME 48V RFCommSafe XW	1GJ 011 872-241

- CR Close range
- LR Long range
- XW Extra wide

## Accessories

AC/DC Converter (90-305 VAC)

HLG-320H-24V





## ZEROGLARE Bringing Onroad Safety to Mining

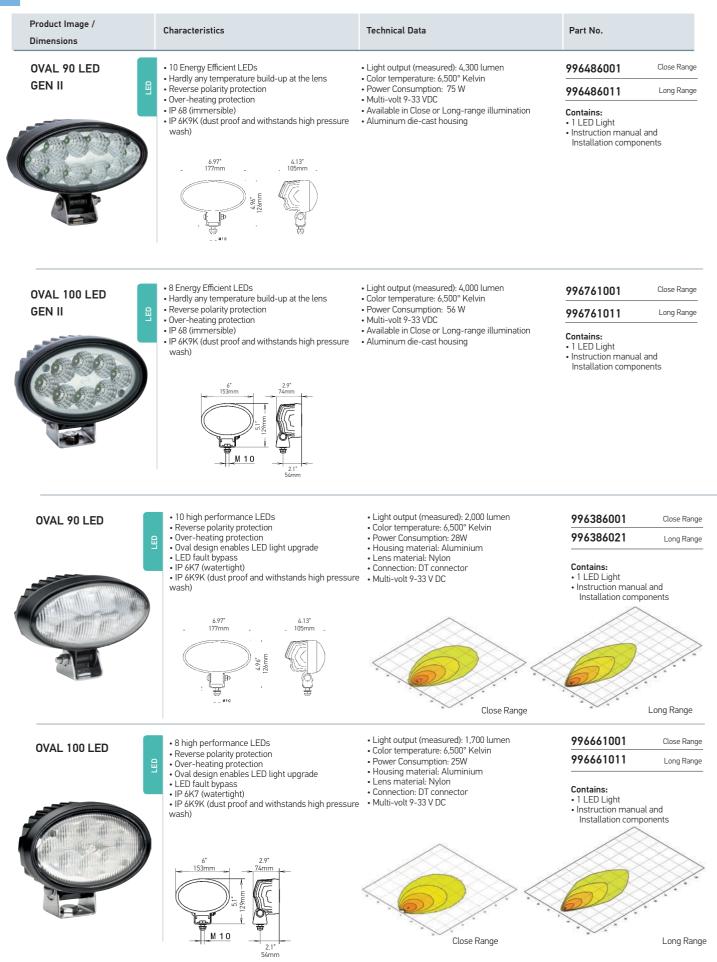
HELLA Mining has developed the **ZERO**GLARE optical system to bring the safety and comfort of highway driving to mining operations! The **ZERO**GLARE optical system ensures no light from oncoming traffic will be directed into the eyes of oncoming drivers eliminating the occurrence of discomfort or disability glare. The innovative optical system has a sharp horizontal cut off to control the light onto the ground in front of the vehicle and not into oncoming operators field of vision.

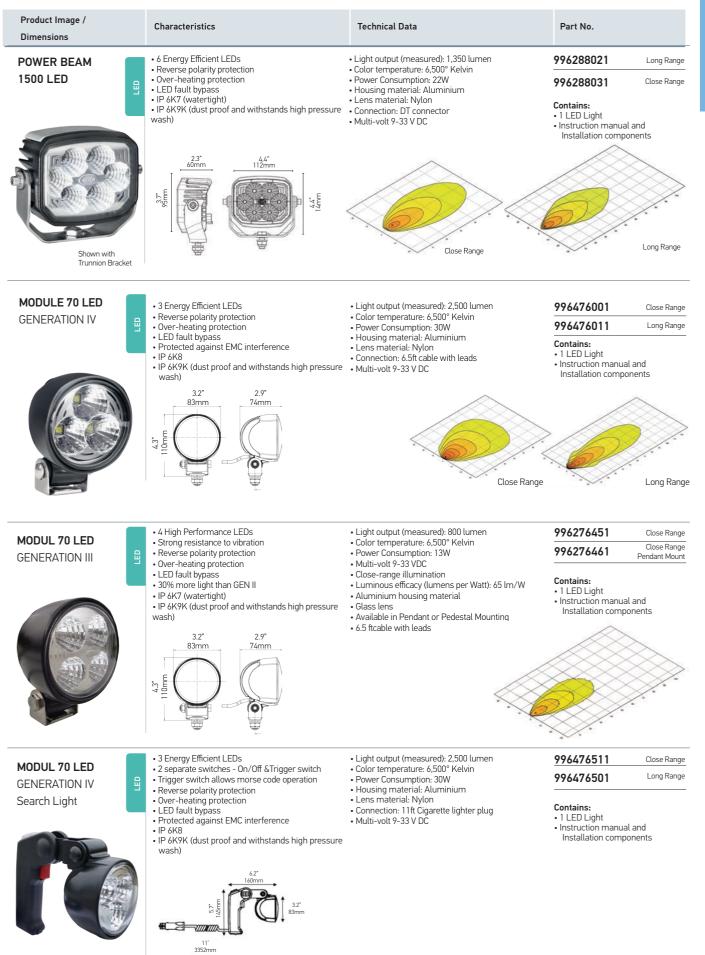


		The <b>ZERO</b> GLARE optical system ensures all emitted light	em ensures all emitted light is directed below the horizontal plane	
Product Image / Dimensions	Characteristics	Technical Data	Part No.	
RokLUME 380 N	<ul> <li>12 High performance LEDs</li> <li>Heavy Duty surrounding bracket</li> <li>Strong resistance to vibration</li> <li>Hardly any temperature build-up at the lens</li> <li>Over-voltage protection</li> <li>Double insulated silicone supply cable</li> <li>NanoSafe (non-stick and easy to clean surface coating)</li> <li>High impact hardcoated PC lens</li> <li>Nord-Lock washers,</li> <li>DT counterpart included</li> </ul>	<ul> <li>Light output (measured): 7,500 lumen</li> <li>Color temperature: 5,000° Kelvin</li> <li>Power Consumption: 84 W</li> <li>IP 6K8 (immersible)</li> <li>IP 6K9K (dust proof and withstands high pressure wash)</li> <li>Connection: DT connector</li> <li>24 V</li> <li>Contains: <ul> <li>1 LED Light</li> <li>Instruction manual and Installation components</li> </ul> </li> </ul>	1GA 996 197-001       24V - Zero Glare         1GA 996 197-041       24V - Pencil Beam         1GA 996 197-011       24V - Close Range         1GA 996 197-021       24V - Long Range	
NEW		ZE	ROGLARE™	
RokLUME 280 N	<ul> <li>Strong resistance to vibration</li> <li>Hardly any temperature build-up at the lens</li> </ul>	<ul> <li>Light output (measured): 4,300 lumen</li> <li>Color temperature: 5,000° Kelvin</li> </ul>	1GA 995 606-541 9-33V - Zero Glare	
E	NanoSafe coating     Over-voltage protection     8 high performance LEDs	Power Consumption: 55 W     IP 6K8 (immersible)	1GA 995 606-521 9-33V - Pencil Beam	
	<ul> <li>NanoSafe (non-stick and easy to clean surface coating)</li> </ul>	<ul> <li>IP 6K9K (dust proof and withstands high pressure wash)</li> <li>Multi-volt 9-33 V</li> </ul>	1GA 995 606-501 9-33V - Close Range 1GA 995 606-511 9-33V- Long Range	
NEW	<ul> <li>Nord-Lock washers,</li> <li>DT counterpart included</li> <li>143mm</li> <li>143mm</li> <li>85mm</li> <li>95mm</li> <li></li></ul>	Contains: • 1 LED Light • Instruction manual and Installation components	ROGLARE™	
RokLUME 155 TP	<ul> <li>4 LED high performance</li> <li>Reverse polarity protection</li> </ul>	Light output (measured): 1,200 lumen     Color temperature: 6,500° Kelvin	996284051 Close Range	
9:	Overheating protection     IP 6K7 (tightness test)	<ul> <li>Voltage: Multi-voltage 9-33 V CD</li> <li>Power Consumption: 25 W</li> </ul>	996284061         Long Range           996284071         Amber	
	<ul> <li>IP 6K9K (dustproof and resistance to high pressure washing)</li> <li>Long range and close range versions</li> <li>High quality thermo plastic housing for Heavy Duty use</li> </ul>	<ul> <li>Lens material: Nylon</li> <li>Connection: DT</li> <li>Support: Stainless Steel</li> <li>Type of installation: Vertical / Pendant</li> <li>Measurements: 95 x 57 x 123 mm</li> </ul>	Contains:     1 LED Light     Instruction manual and     Installation components	

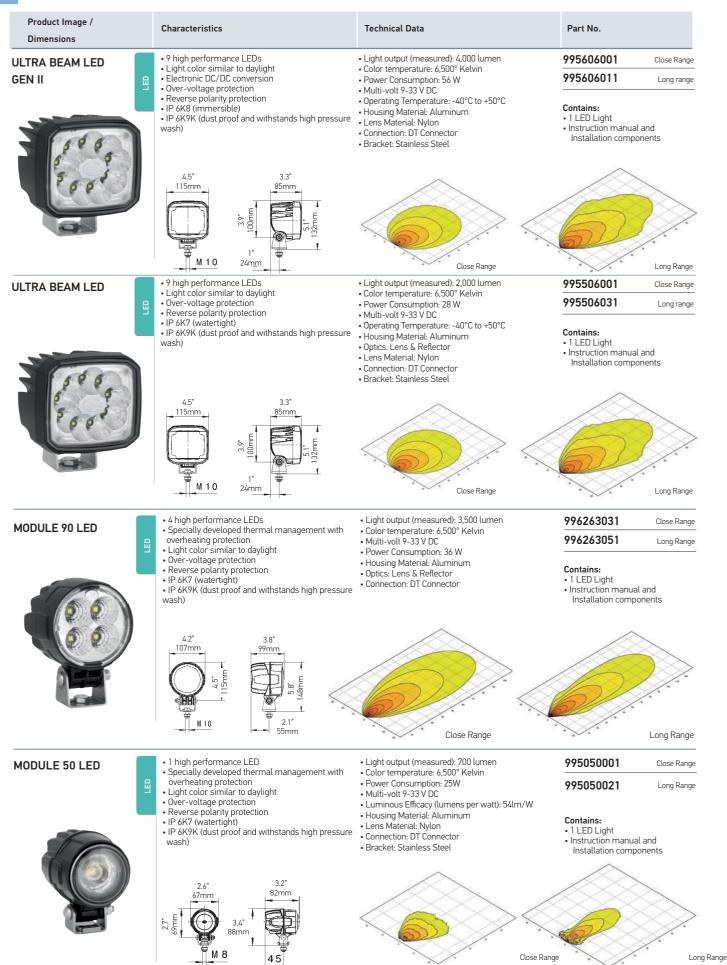
Close Range

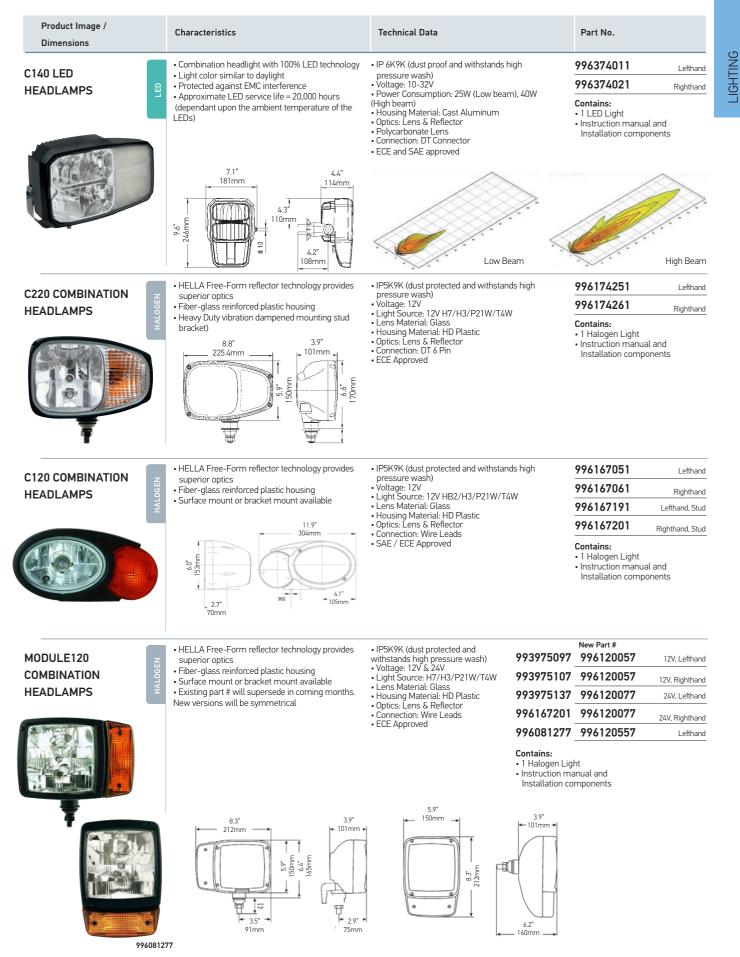
# Lighting Work Lights



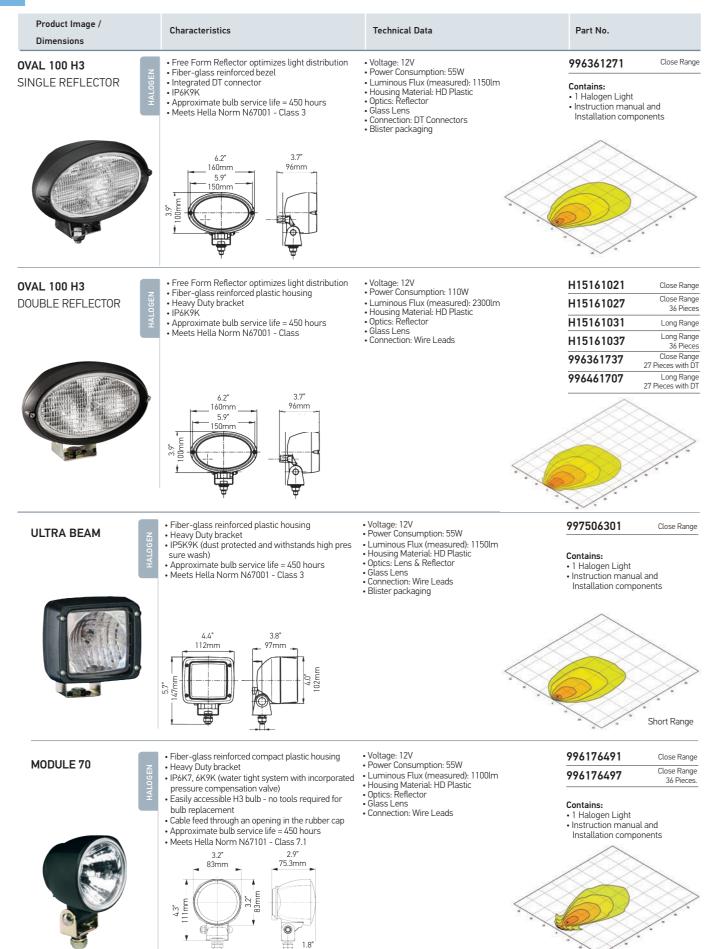


# Lighting Work Lights





# Lighting Work Lights



47.5mm

Close Range

