

# ***LightShow 2010/2011 Off-Road***



*Ideas today for  
the cars of tomorrow*

## *Light for both on and off-road*



10 | Luminator



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Compact



18 | Luminator X  
Xenon



22 | Rallye



23 | Rallye  
Compact



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***The tougher the job,  
the more important the light***







Those whose adventures are likely to exert both themselves and their vehicle have to be able to rely on its lights at all times and under all conditions. Neither rock fall nor extreme humidity or the effects of mud may restrict functionality or lead to failure.

For these extreme situations, under the toughest of conditions, Hella has developed a whole range of almost indestructible auxiliary spotlights. Their stability, durability and outstanding lighting performance have been legendary for years, yet they have been subject to consistent ongoing development.



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# 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 right light source

The light sources are always included with Xenon auxiliary lights. You will find the right bulbs for the halogen auxiliary lights on pages 46 - 47. The Light Power bulbs achieve maximum light output in the halogen segment, while the Lifetime series, for example, is particularly long-lasting.

## 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.

## Subjected to stringent tests

Hella auxiliary lights have to undergo extreme quality tests. They are homologated in accordance with the type approval requirements of the EU licensing procedure.

## Lux is the unit used to measure light

This indicates the luminous flux which is projected by the light source onto a certain surface. For example; an office should be illuminated with at least 500 Lux and the human eye can still read a newspaper without any problems at 1 Lux. The values under the Lux axis show where the respective illumination intensities are achieved in the light distribution diagrams.

## High-boost reflector

Compared with other typical auxiliary headlights of the same size on the market, Hella auxiliary headlights, with high-boost reflectors, are significantly more efficient and have improved light output.

## Reference no. (Ref.)

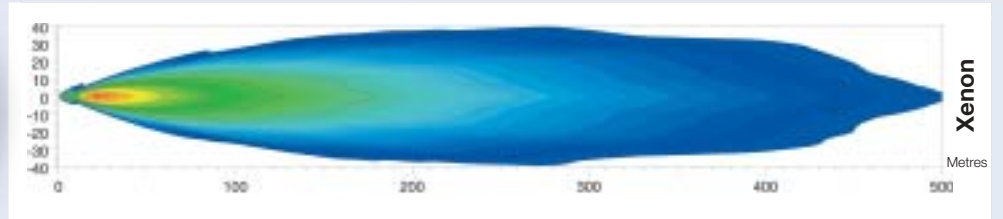
Spotlights with the reference number 17.5 radiate the light widely and fully, but not as far as spotlights with the reference number 37.5. This means that spotlights (Ref. 37.5) are ideal for long, straight stretches of road, whereas winding roads (particularly in hilly areas) are better illuminated with spotlights (Ref. 17.5).

Note: Some countries only permit a maximum spotlight power of 75 (reference value) to be switched on. In such cases, the spotlight integrated in the vehicle has to be disabled when spotlights with ref. no. 37.5 are used; ref. no. 17.5 can usually be switched on additionally.

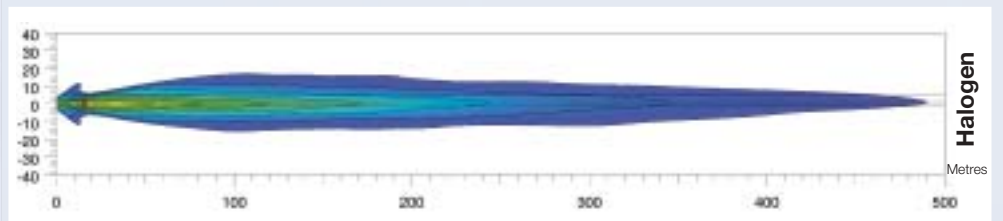


# Spotlights

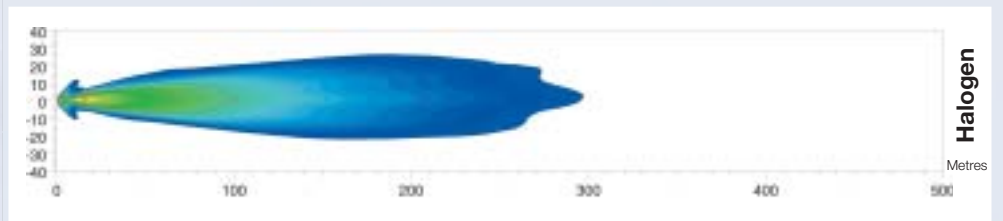
**Luminator Xenon**  
(Ref. 37.5)



**Luminator**  
(Ref. 37.5)

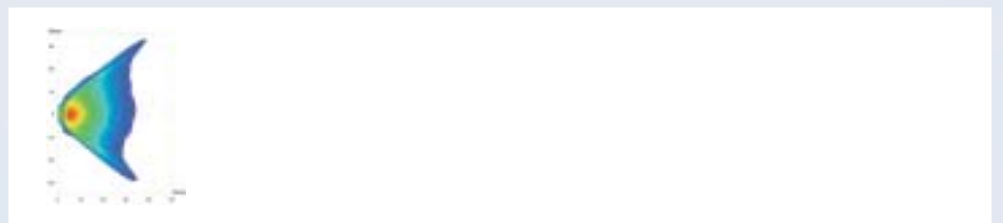


**Luminator**  
(Ref. 17.5)



# Fog light

**Luminator**



A comparison of the light distributions and specifications can be found on the inside flap of the brochure.



# ***Extreme conditions: Perfectly equipped!***



The Hella trademark is a sign of the **authenticity** of the product.

The bracket guarantees **permanently precise** headlight alignment.







The **chrome-plated design ring** is a clear sign of the high quality level of this technical masterpiece.

The Luminator Xenon is **"Made in Germany"**.

The die-cast zinc housing **withstands even the toughest of conditions.**

The Luminator Xenon provides one of the **most powerful light distributions** in the world.

In the latest variant of the Luminator Xenon, the ballast is integrated – making installation **significantly easier.**

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# Luminator: Power in its brightest form

The Luminator has established its place in history. Used all over the world, under the most difficult of conditions. Wherever the best possible illumination is required, with maximum stability and durability, these auxiliary lights have become the benchmark for what is possible: The housing and bracket are made of die-cast zinc, specific high-boost reflectors provide maximum light output. The different variants take a wide range of application possibilities and design wishes into account (see the light distribution information on the inside flap of the brochure). The auxiliary lights can be installed upright at an angle of +7° to -7°. They all have one thing in common: They go through thick and thin. No matter what.



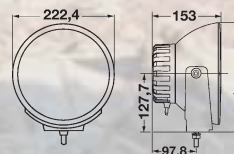
Ø 22 cm



## Luminator Xenon

Xenon spotlight in black with chrome design ring including D1S gas discharge lamp and integrated 12V ballast;  
Weight: 3,800 g

Spotlight (Ref. 37.5)

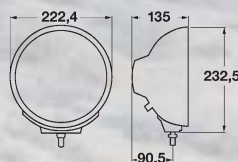


1F8 007 560-721

## Luminator Xenon

Xenon spotlight in black with red design ring including D1S gas discharge lamp and external 12V ballast;  
Weight: 3,800 g

Spotlight (Ref. 37.5)



1F8 007 560-621

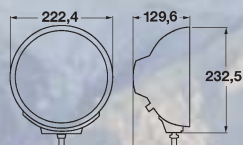




### Luminator Metal CELIS®

H1 spotlight in black with round  
**CELIS® LED** position light;  
Weight: 2,800 g

Spotlight (Ref. 17.5)



1F8 007 560-201



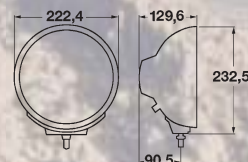
### Luminator Metal

H1 spotlight in black with  
position light; Weight: 2,600 g

Spotlight (Ref. 37.5)

Spotlight (Ref. 17.5)\*

\*not illustrated, with profiled lens without position light



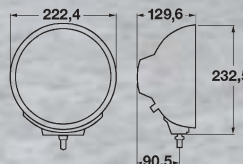
1F8 007 560-301

1F8 007 560-011

### Luminator Metal

H3 fog light in black with classic profiled fog  
lens;  
Weight: 2,600 g

Fog light



1N8 007 560-031



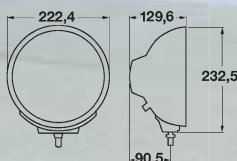
[www.hella.com/offroad](http://www.hella.com/offroad)



# Luminator Chromium

The Chromium series combines the stability of the ultra-resistant die-cast zinc housing with the cool elegance and clarity of the chrome surface.

In order to meet the high demands of Luminator classification, the chrome-plating has an extremely durable and corrosion-free design.



Ø 22 cm



## Luminator Chromium Blue

H1 spotlight with position light and blue cover lens; Weight: 2,600 g

Spotlight (Ref. 37.5)

1F8 007 560-321

Spotlight (Ref. 17.5)

1F8 007 560-331

## Luminator Chromium CELIS®

H1 spotlight with **CELIS®** LED position light; Weight: 2,800 g

Spotlight (Ref. 17.5)

1F8 007 560-211





### Luminator Chromium

H1 spotlight with position light;  
Weight: 2,600 g

Spotlight (Ref. 37.5)  
Spotlight (Ref. 17.5)

1F8 007 560-311  
1F8 007 560-341



### Luminator Chromium

H3 fog light in black with classic profiled fog lens;  
Weight: 2,600 g

Fog light

1N8 007 560-021

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# Luminator Compact

The Compact version of the Luminator is designed for the reduced installation space available in some vehicle models. Technologically equal to the large versions, the smaller series provides the same stability and durability as the classic models, with comparable light output. The Luminator Compact variants can be installed upright at an angle of +4° to -8°. Exception: The Luminator Compact Xenon with integrated ballast can be installed upright at an angle of +7° to -7°.



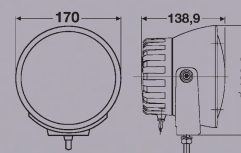
Ø 17cm



## Luminator Compact Xenon

Xenon spotlight in black with chrome design ring including D1S gas discharge lamp and 12V ballast integrated in the housing;  
Weight: 2,400 g

Spotlight (Ref. 37.5)

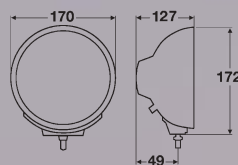


1F3 009 094-311

## Luminator Compact Xenon

Xenon spotlight in black with D1S gas discharge lamp and external 12 V ballast;  
Weight: 2,400 g

Spotlight (Ref. 37.5)



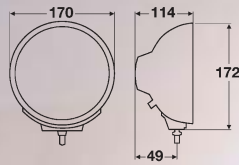
1F3 009 094-142



### Luminator Compact Metal CELIS®

H1 spotlight in black with round  
**CELIS® LED** position light;  
Weight: 1,600 g

Spotlight (Ref. 37.5)



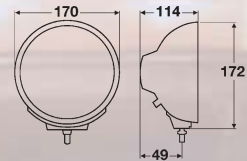
1F1 009 094-041



### Luminator Compact Metal

H1 spotlight in black;  
Weight: 1,500 g

Spotlight (Ref. 37.5)  
Spotlight (Ref. 17.5)

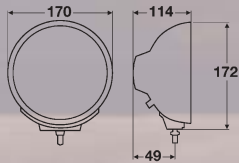


1F3 009 094-021  
1F3 009 094-061

### Luminator Compact Metal

H7 fog light in black with clear cover lens;  
Weight: 1,500 g

Fog light



1N3 009 094-001



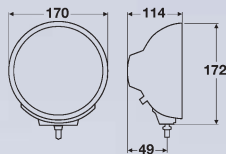
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# Luminator Compact Chromium

The chrome version of the middle Luminator range is the aesthetic solution for more elegant vehicles: Alongside the additional light power, the cool perfection of the housing design is assured by its striking chrome-plating.



Ø 17cm



## Luminator Compact Chromium CELIS®

H1 spotlight with **CELIS® LED** position light;  
Weight: 1,600 g

Spotlight (Ref. 37.5)  
Spotlight (Ref. 17.5)

1F1 009 094-051  
1F1 009 094-091

## Luminator Compact Chromium

H1 spotlight;  
Weight: 1,500 g

Spotlight (Ref. 37.5)  
Spotlight (Ref. 17.5)

1F3 009 094-031  
1F3 009 094-071





### **Luminator Compact Chromium Blue**

H1 spotlight with position light and blue cover lens;  
Weight: 1,500 g

Spotlight (Ref. 37.5)

1F3 009 094-171



### **Luminator Compact Chromium**

H7 fog light; Weight: 1,500 g

Fog light

1N3 009 094-011

## ***Which size fits best?***

Depending on vehicle type, purpose and area of application, light output requirements differ in relation to the size of headlight used. Quite often, installation possibilities are limited

Those looking for a suitable auxiliary lights within the restraints of such limitations will find what they are looking for in the Luminator series: From the "large" Luminator through the Luminator Compact to the Luminator X, high-precision auxiliary lights engineering is available in housing sizes from impressively large to surprisingly space-saving.



## ***Small but powerful: Luminator X Xenon***

Unbelievably small dimensions, but incredibly powerful – with the Luminator X Xenon Hella engineers have managed to square the circle.

The technological brilliance is not only proved by the miniaturisation of the auxiliary light itself, but primarily by the intelligent space saving solution of integrating the Xenon ballast in the auxiliary lights aluminium die-cast housing.

Thanks to this integration, no space is needed for an additional ballast and the auxiliary light is as easy and compact to assemble as a halogen auxiliary spotlight.

This means superior Xenon technology with the recognised best light is now also available for vehicles and in assembly situations that have had to do without the Xenon lighting dimension for space reasons or aesthetic aspects up to now.



A miniaturisation miracle:  
The Luminator X Xenon is  
advanced technology reduced to  
an understated size.





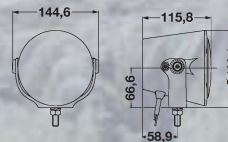


Actual size

Ø 12,7 cm

### Luminator X Xenon

Housing dimensions are reduced even further compared with the Compact class, and are weight optimised thanks to the die-cast aluminium housing and bracket. With chrome-plated design ring, D1S gas discharge lamp, integrated 12V ballast and 2m professional harness; Weight: 1,300 g



Spotlight (Ref. 37.5)

1F0 010 186-001



# *For tough off road applications: Premium light in premium form*



The Hella trademark is the sign of the **authenticity** of the product.

The **flexible bracket system** also permits the light to be mounted in sloped and unusual installation locations.







The **design ring** is fixed in place using stainless steel hexagon socket screws.

**“Made in Germany”** the symbol of top quality.

The **particularly sturdy design** of the premium housing is protected by a design patent.

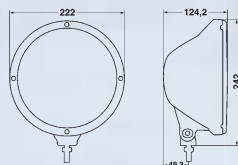
The highly efficient high-boost reflector guarantees **top performance and optimum light distribution.**

The **weatherproof seal** permanently withstands even the toughest climatic conditions



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The main distinction between the Rallye auxiliary lights and the Luminator series is the housing material: here, top-quality plastic is used rather than metal. This reduces the weight of the installed auxiliary lights. And plastic is maintenance-free. The auxiliary lights design is protected. The reinforced housing structure increases stability and the real-glass lens guarantees durable scratch resistance.



### Rallye 3003

H1 spotlight with position light; Weight: 1,350 g

Spotlight (Ref. 37.5)	1F8 009 797-021
Spotlight (Ref. 17.5)	1F8 009 797-121
Spotlight with chrome design ring (Ref. 37.5)*	1F8 009 797-101

\*Illustrated above

### Rallye 3003 Blue

H1 spotlight with position light and blue cover lens; Weight: 1,350 g

Spotlight (Ref. 37.5)	1F8 009 797-031
Spotlight (Ref. 17.5)	1F8 009 797-131
Spotlight with chrome design ring (Ref. 37.5)*	1F8 009 797-111

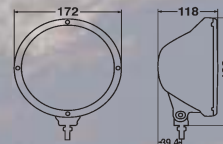
\*not illustrated





# Rallye 3003 Compact

Universal genius: The Compact class of the Rallye 3003 series offers the same housing design but extremely compact exterior dimensions. This means the powerful light performance is even available when space is tight.



## Rallye 3003 Compact

H1 spotlight; Weight: 585 g

Spotlight (Ref. 37.5)

1F3 010 119-011

Spotlight (Ref. 17.5)

1F3 010 119-001



## Rallye 3003 Compact Blue

H1 spotlight with blue cover lens; Weight: 585 g

Spotlight (Ref. 37.5)

1F3 010 119-021

## Free choice

Same technology, same material but a different sizes: The Rallye series offers perfect solutions to the problems created by different vehicle and installation situations.

Alongside different space requirements, the Rallye variants stand out on account of their differences in weight - if they are to be installed on more delicate vehicle parts, the smaller housings offer clear advantages thanks to their lower weight. However, those who are looking for maximum light power, will always prefer the large Rallye 3003.



Ø 22 cm

Ø 17cm



Auxiliary lights are subject to extreme conditions: mud, dust, extreme heat and bitter cold.

***“Those who don’t choose the best have already lost.”***

Dag Rogge

Dag Rogge is Manager of the Land Rover Experience Center. He has a legendary reputation as a chief instructor for extensive off-road expeditions. Under his guidance, man and equipment have overcome extremes e.g. the Andes, the Atacama desert in South America and the tropical jungles of Asia.

Dag Rogge knows when having the right equipment is crucial: He is not prepared to compromise where auxiliary spotlights are concerned.



Land Rover Experience Tour. Extreme conditions for team and equipment.





EXPERIENCE  
— ESTABLISHED 1988 —

ER

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# Jumbo 320: Large and powerful

The striking feature of the Jumbo series is the rectangular, slightly rounded shape. This housing design allows ideal integration in the vehicle front, particularly where the installation of a large round auxiliary light might impair the engine cooling.

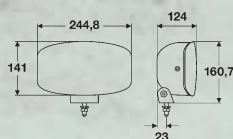
Alongside this functional advantage, the angular form is also design-motivated, of course: Coupled with upright or pendant surface mounting, the housing shape can impressively underline the vehicle design.



## Jumbo 320 Xenon

Xenon spotlight with D1S gas discharge lamp and position light in LED technology; with external 12V ballast;  
Weight: 2,200 g

Spotlight (Ref. 37.5)



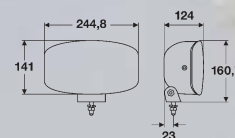
1FE 008 773-021



## Jumbo 320 FF

H7 spotlight with position light with 6 high-power LEDs with bluish-white light;  
Weight: 1,200 g

Spotlight (Ref. 37.5)

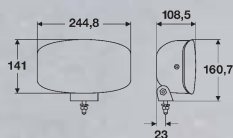


1FE 008 773-081

## Jumbo 320 FF

H7 spotlight with position light;  
Weight: 1,200 g

Spotlight (Ref. 37.5)



1FE 008 773-041



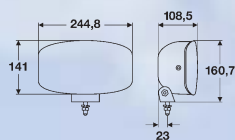


### Jumbo 320 FF

H7 spotlight; Weight: 1,200 g

Spotlight (Ref. 37.5)

Spotlight (Ref. 17.5)



1FE 008 773-001

1FE 008 773-011

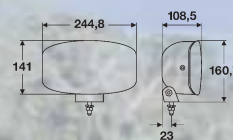


### Jumbo 320 Blue

H7 spotlight with blue cover lens;

Weight: 1,200 g

Spotlight (Ref. 37.5)

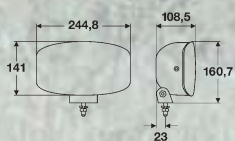


1FE 008 773-061

### Jumbo 320 FF

H7 fog light; Weight: 1,200 g

Fog light



1NE 008 773-031



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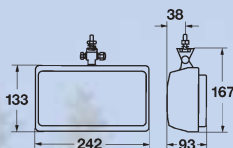
# Classic: for classic cars

The Classic auxiliary lights are particularly suitable for vintage and classic cars: With their contoured lens and classic design they fit in perfectly with the vehicle design.

## Classic 210

H3 spotlight and fog light with chrome-plated metal housing for upright or pendant surface mounting; Weight: 1,800 g

Spotlight  
Fog light



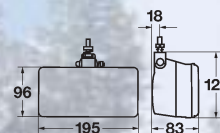
1FE 002 537-191  
1NE 002 537-201



## Classic 181

H3 spotlight and fog light with compact metal housing for upright or pendant surface mounting; Weight: 1,200 g

Spotlight  
Fog light



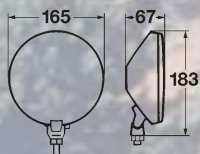
1FD 003 590-411  
1ND 003 590-401



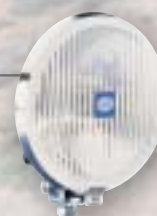
## Classic 160

H3 spotlight and fog light for upright surface mounting with chrome-plated housing; Weight: 1,200 g

Spotlight  
Fog light



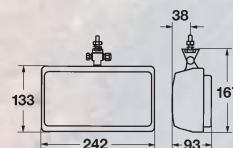
1F4 002 608-001  
1N4 002 608-021



## Jumbo 220 Blue

H3 spotlight with chrome-plated glass retaining frame and classic blue cover lens; Weight: 1,200 g

Spotlight (Ref. 37.5)



1FE 006 300-261



# Micro DE / DE Xenon: Secret power

The DE auxiliary lights are a pure understatement: When switched off they are almost invisible e.g. in front aprons and spoilers, their sophisticated functionality provides a light output that will cause a real stir, time and again.

## DE Xenon

Xenon spotlight for flush mounting: auxiliary light in black housing with bracket, decorative ring, D2S gas discharge lamp, 12V ballast and relay with professional harness; Light aperture: Ø 40 mm; Weight: 1,100 g



Individual light (Ref. 17.5)  
Spotlight set (Ref. 17.5)

1FO 008 390-001  
1FO 008 390-801

## Micro DE

H3 fog light for flush mounting: auxiliary light in black housing with bracket, decorative ring, rubber seal and 12V bulb. Light aperture: Ø 40 mm; Weight: 950 g



Individual light  
Fog light set (inc. relay & professional harness)

1NL 008 090-031  
1NL 008 090-821

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# Comet 200: The elegance of light

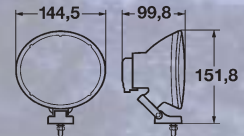
Harmonious contour and convincing functionality ideally combined in a stylish auxiliary lights series: The name Comet stands for a magic moment in lighting technology.

The basalt-grey and ivory-white models can be painted individually (in the vehicle colour) to achieve maximum harmony with the vehicle design. Exhibiting design sophistication not only in shape but in individualisation too.



## Comet 200 Xenon

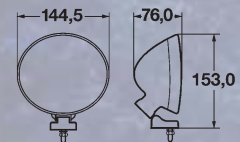
Xenon spotlight with housing in anthracite and silver-grey frame; with D2S gas discharge lamp and external 12 V ballast; Weight: 1,450 g  
Spotlight\* (Ref. 37.5)  
1F4 007 893-141  
Spotlight set (Ref. 37.5)



1F4 007 893-871

## Comet 200 Chromium

Weight: 550 g  
H3 spotlight\* (Ref. 37.5) 1F4 007 893-191  
H3 spotlight\* (Ref. 17.5) 1F4 007 893-201



## Comet FF 200 with ivory-white housings;

Weight: 550 g  
H3 spotlight set (Ref. 37.5) 1F4 007 893-811  
H3 spotlight\* (Ref. 37.5) 1F4 007 893-021  
H3 fog light set 1N4 007 893-821  
H3 fog light\* 1N4 007 893-001

## Comet FF 200 with basalt-grey housings;

Weight: 550 g  
H3 spotlight set (Ref. 37.5) 1F4 007 893-841  
H3 spotlight\* (Ref. 37.5) 1F4 007 893-081  
H3 spotlight set (Ref. 17.5) 1F4 007 893-911

## Comet FF 200 Blue

with blue cover lens in basalt-grey housing;  
Weight: 550 g  
H3 spotlight\* (Ref. 17.5) 1F4 007 893-241





# Comet FF 300: Often copied, never equalled

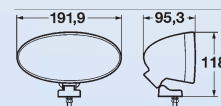
## Comet FF 300 with ivory-white housings

Weight: 550 g

H3 spotlight set (Ref. 17.5)

H3 spotlight\* (Ref. 17.5)

H3 fog light\*



1FB 007 892-811

1FB 007 892-011

1NB 007 892-001

## Comet FF 300 with basalt-grey housings; Weight: 550 g

H3 spotlight set (Ref. 17.5)

H3 spotlight\* (Ref. 17.5)

H3 fog light set

H3 fog light\*

1FB 007 892-841

1FB 007 892-071

1NB 007 892-821

1NB 007 892-041

## Comet FF 300 Blue

with blue cover lens and basalt-grey housing

Weight: 550 g

H3 spotlight\* (Ref. 17.5)

1FB 007 892-131

# Comet FF 100

## Comet FF 100 with basalt-grey housings

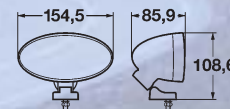
Weight: 450 g

H3 spotlight set (Ref. 17.5)

H3 spotlight\* (Ref. 17.5)

H3 fog light set

H3 fog light\*



1FA 007 891-841

1FA 007 891-061

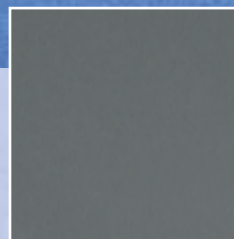
1NA 007 891-821

1NA 007 891-041

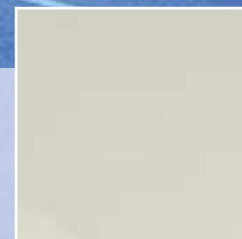
### For a perfect match: can be painted!

Some Comet variants are available in a basalt-grey or ivory-white housing. These auxiliary lights can be painted in any desired colour and can thus be adapted to match the vehicle.

They do not have to be painted, however: even in their non-painted state, the auxiliary lights offer full functional and weather protection inline with Hella's tested quality.



basalt-grey



ivory-white

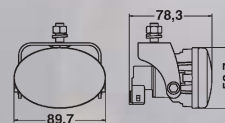
\*Individual light

# Restricted space



## FF 40

H11 spotlight and H8 fog light for upright and pendant surface mounting; Weight: 340 g



Spotlight set (Ref. 12.5) inc. professional harness  
Spotlight\* (Ref. 12.5)  
Fog light set inc. professional harness  
Fog light\*

1FA 010 047-801  
1FA 010 047-011  
1NA 010 047-811  
1NA 010 047-111



## FF 50

H7 spotlight and fog light with black plastic housing for upright and pending surface mounting; Weight: 380 g



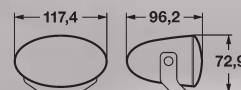
Spotlight set (Ref. 12.5) inc. professional harness  
Spotlight\* (Ref. 12.5)  
Fog light set inc. professional harness  
Fog light\*

1FA 008 283-811  
1FA 008 283-011  
1NA 008 283-801  
1NA 008 283-001



## FF 50 Blue

H7 spotlight with black plastic housing and blue cover lens, for upright and pendant surface mounting; Weight: 380 g



Spotlight set (Ref. 12.5) inc. professional harness  
Spotlight\*

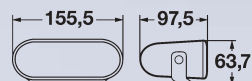
1FA 008 283-861  
1FA 008 283-031





### FF 75

H7 spotlight and fog light with black plastic housing for upright and pendant surface mounting; Weight: 460 g



Spotlight set (Ref. 12.5) inc. professional harness  
Spotlight\*

1FA 008 284-811

1FA 008 284-011

Fog light set inc. professional harness

1NA 008 284-801

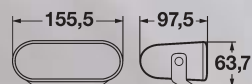
Fog light\*

1NA 008 284-001



### FF 75 Blue

H7 spotlight with black plastic housing and blue cover lens, for upright and pendant surface mounting; Weight: 460 g



Spotlight set (Ref. 12.5) inc. professional harness  
Spotlight\*

1FA 008 284-861

1FA 008 284-031

[www.hella.com/offroad](http://www.hella.com/offroad)



\* Individual light



# Matching: Accessories

## Radio remote control system

Radio remote control system for the switching of fog lights and worklights etc.: No drilling through the dashboard, free choice of switch placement. Transmitter has a range of at least 20 m, with LED control. Influence on other radio remote controlled units is avoided by changeable code, allowing several systems to be operated alongside each other.



Radio remote control system

6ZN 160 705-001



## Bracket for two-point attachment

Stainless steel bracket for the additional stabilisation of large auxiliary spotlights. Can be shortened, bent or twisted depending on installation position. Length: 80 - 240 mm.

2-point bracket, set (2 units)

8HG 116 741-801

## Universal harness

For 1-2 auxiliary lights; inc. relay with 16A fuse, cables and installation material.



Universal harness 12V

8KA 002 309-811



## Relays

Normally open relay without fuse insert, 4-pole

4RA 965 400-001

Normally open relay with fuse insert, 4-pole\*

4RA 003 530-041

Double N/O relay without fuse insert, 8-pole\*

4RA 003 530-081

## Fuses

ATO blade-type fuse set\*

8JS 711 683-903

ATO blade-type fuse set with bulb\*

8JS 711 683-931

ATO MAXI blade-type fuse set\*

8JS 728 595-901

Torpedo fuse set\*

8JS 003 481-803

Glass tube fuse set\*

8JS 003 481-823

\*not illustrated



# Protection: Covers!

In tough conditions, even the sturdiest and most hard-wearing of headlights can become damaged by gravel throw or unintentional contact with obstacles. Protective covers provide effective protection here.

Warning: Protective covers are not legally authorised in some countries. Please inquire through the relevant authority before use on public roads.

## Protective covers

Luminator*	8XS 147 945-021
Luminator Compact*	8XS 165 048-001
Luminator Xenon (with integr. ballast)	8XS 147 945-011
Luminator Compact Xenon (with integr. ballast)	8XS 165 048-011
Luminator X Xenon (with integr. ballast)	8XS 172 921-001
Rallye 3003*	8XS 168 664-001
Rallye 3003 Compact*	8XS 170 457-001
Jumbo 320 FF*	8XS 160 353-001
Jumbo 220*	8XS 138 127-001
Classic 210*	8XS 115 298-001
Comet FF 100*	8XS 150 263-001
Comet FF 200*	8XS 150 262-001
Comet FF 300*	8XS 150 264-001

\*not illustrated



for Luminator Compact Xenon  
(with integr. ballast)



for Luminator Xenon  
(with integr. ballast)



for Luminator X Xenon  
(with integr. ballast)

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***Light in daily use***







Working in a dark or gloomy environment is not only risky for man and machine, it is also extremely troublesome. Those who have to frequently carry out such jobs in the dark, whether as a forester, hunter or farmer, know how valuable good light is. Standard vehicle equipment cannot take every eventuality into account – but Hella auxiliary spotlights can.

Hella auxiliary lights have been developed for tough daily off-road use; the materials used have been chosen to cope with increased dirt and humidity requirements, the brand-typical high-quality production and testing guarantee durable functionality on the very highest professional level.

This powerful technology and durability is valued by equestrians and boat owners too. They may not be out and about in a professional capacity but go about their demanding hobbies with the passion and attention appropriate for the transport of valuable goods or even animals.



[www.hella.com/offroad](http://www.hella.com/offroad)





# See what you're doing: Premium-class worklights

Worklights allow productive work even at dusk and in the dark.

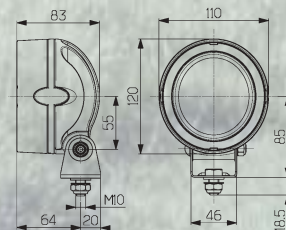
Hella worklights are particularly well thought-out and intelligently designed: sturdy yet lightweight housings, durable, flexible brackets, and reflectors and cover lenses specifically developed for their applications all result in high long-term productivity. The thermal safety cut-out extends the service life. In short: work is much easier wherever these worklights are available.



## Mega Beam LED Gen. II

Extremely long-life, maintenance-free **LED** worklight (12-24 Volt) made of aluminium with **4LEDs** and current consumption of only 15 Watts. The impact-resistant **LEDs** make them ideally suitable for installation locations subject to vibrations and heavy loads. For upright surface mounting. Weight: 800 g

Mega Beam LED Gen. II



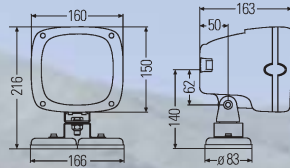
1GM 996 136-191





### AS 200 Xenon with magnetic bracket

The **Xenon** auxiliary lights (12 Volt) light output and service life are 2.5 and 5 times respectively better than conventional 55 Watt halogen headlights and have a strikingly natural colour reproduction. Glass fibre reinforced housing with integrated Xenon ballast. Weight: 2,400 g



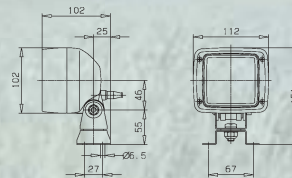
AS 200 Xenon

1GA 996 142-041



### Ultra Beam H3

Compact worklight with black housing. Suitable for upright and pendant surface mounting. Weight: 570 g

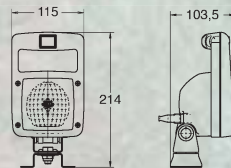


Ultra Beam H3

1GA 007 506-001

### Ultra Beam with handle and switch

Adjustable worklight in black plastic housing with clear cover lens and vibration damper in the base. Weight: 725 g



Ultra Beam with handle and AMP Supersealed plug 1GA 997 506-631


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***Daytime running light: high visibility***





Daytime running lights offer convincing advantages: They decisively improve visibility during the day and avoid the consumption-related disadvantages of driving with the low beam switched on, thanks to their significantly lower power requirements.

Daytime running lights are available in a wide range of versions: **LED** variants are without doubt the most modern and attractive version; on the other hand, conventional bulb-based versions are cheaper to buy but not as energy-saving as **LEDs**.

Legislation has also recognised the advantages of daytime running light: Accidents are avoided and road safety improved enormously. This is why many countries prescribe the use of lights during the day; others strongly recommend it. From 2011 onwards, all new passenger cars are to be fitted with daytime running lights to reduce the risk of accidents.



[www.daytime-running-light.com](http://www.daytime-running-light.com)





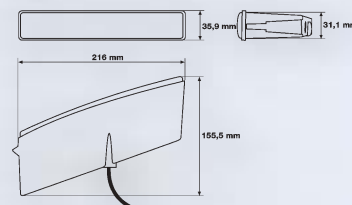
# LED daytime running lights



## LED daytime running light LEDayLine®

**LED** daytime running light set with integrated relay in black plastic housing and attachment spring for mounting in the front apron. When LEDayLine® is used as a position light, the standard position light must be disabled permanently in accordance with ECE-R 48. See the internet for further legal stipulations and attachment regulations or ask at a qualified garage.

Set contents: two lights each with 5 **LEDs**, professional harness with AMP Supersealed plug, attachment spring. Power consumption 8W; Weight: 260 g



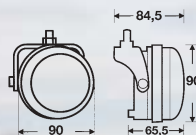
Daytime running light set LEDayLine®

2PT 010 043-801

## LED daytime running light set 90 mm

**LED** daytime running light set with black aluminium housing and integrated relay for upright and pendant surface mounting in or on the front apron. Power consumption 5.5W.

Set contents: two lights each with three **LEDs**, professional harness with AMP Supersealed plug, bracket; Weight: 390 g



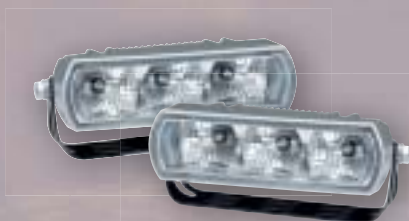
Daytime running light set round

2PT 009 599-801

## LED daytime running light set rectangular

**LED** daytime running light set with silver-grey aluminium housing and integrated relay for upright and pendant surface mounting in or on the front apron. Power consumption 5.5W.

Set contents: two lights each with three **LEDs**, professional harness with AMP Supersealed plug, bracket. Weight: 640 g



Daytime running lights set rectangular

2PT 009 496-801

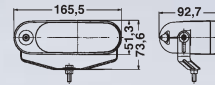


# Standard daytime running lights



## Daytime running light set

Daytime running lights set for surface mounting to/on the bumper with black plastic housings. Set contents: two lights inc. H6W bulbs, harness, bracket and relay; Weight: 190 g



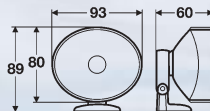
Daytime running lights set

2PT 008 362-801

## Daytime running lights set clear-glass design

Daytime running light set with plastic housings for upright and pendant surface mounting in or on the front apron.

Set contents: two lights inc. 12V/16W light sources, professional harness, bracket and relay; Weight: 105 g



Daytime running lights set clear-glass design

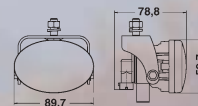
2PT 008 935-801



## Daytime running lights set FF 40

Daytime running lights set for particularly narrow installation spaces.

Set contents: two lights inc. P21W bulbs, professional harness, bracket and relay; Weight: 280 g



Daytime running lights set FF 40

2PT 010 047-821

[www.daytime-running-light.com](http://www.daytime-running-light.com)





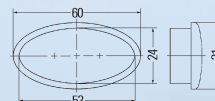
## Side marker lights



### Side marker light set

**LED** side marker light set for passenger cars (up to six metres in length) for flush mounting to the front and rear plastic bumper.

Set contents: four **LED** side market lights each with three 0.7W **LEDs** and installation material. Power consumption approx. 0.06A at 12V



amber  
silver  
black

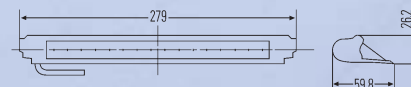
2PS 008 138-801  
2PS 008 138-811  
2PS 008 138-821

## LED safety stoplight



### LED safety stoplight

For universal use in saloon and hatchback vehicles. High-grade **LEDs** guarantee a long service life. Elegant interior design. Universal adhesive mounting to the rear window.



LED safety stoplight surface mounting, 12V

2DA 007 592-101



# DynaView®: Light for bends

## DynaView® Evo2

This light system combines several functions at once: Firstly, the auxiliary lights on the inside curve side illuminates the bend fully automatically as a cornering light at speeds of up to 40 km/h.

Secondly, it can be used as a fog light in that both auxiliary lights are activated in parallel by means of a separate switch.

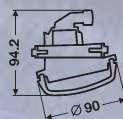
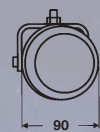
The third function is as a result of automatic switch-on when reverse gear is engaged. This makes navigation in the dark much easier: ideal for getting in and out of parking spaces!

How it works: A yaw rate sensor permanently measures the respective turning speed of the vehicle and triggers the switch-on pulse when it drives round a corner. The light is also activated when the indicator is actuated (e.g. with the vehicle at a standstill). When the vehicle has passed through the bend, the light is gradually dimmed.

H7 fog/bend lighting set for pendant surface mounting:  
Headlight with 12V bulbs and bend lighting control unit;  
Weight: 390 g

Cornering light system

1N0 009 295-801



without DynaView®



Turning-off procedure left



Turning-off procedure right

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# Bulbs: top performers

## Light Power - more light



- For more safety – with up to 90% more light (compared with conventional standard bulbs)
- Improved detection of hazards and obstacles
- Straightforward replacement of conventional bulbs
- For optimised design: Silver cap for clear-glass headlights

Up to 50% more light is achieved thanks to a smaller but longer filament which is precisely positioned within the glass bulb.

ECE/DIN standard	Volt	Watt	Base	Specification	Part no.
H1	12	55	P14,5s	plus 50	8GH 002 089-471
H1	12	55	P14,5s	plus 50/set of 2	8GH 002 089-801
H7	12	55	PX26d	plus 50	8GH 007 157-471
H7	12	55	PX26d	plus 50/set of 2	8GH 007 157-801
H8	12	35	PGJ19-1	plus 30	8GH 008 356-151
H11	12	55	PGJ19-2	plus 30	8GH 008 358-151

## Magic Light



- Bulbs with modern, bright white-bluish light in Xenon look
- For a stylish and cool appearance
- Only replace in pairs when converting

Magic Star: Only amber when it's flashing

- For optimised design – clear and brilliant finish – only amber when it's flashing
- Ideal for clear-glass headlights with white or brilliant-finish indicators
- Scratch-resistant coating
- Only replace in pairs when converting

ECE/DIN standard	Volt	Watt	Base	Specification	Part no.
H1	12	55	P14,5s	BL	8GH 002 089-141
H3	12	55	PK22s	BL	8GH 002 090-371
H7	12	55	PX26d	BL	8GH 007 157-181
H8	12	35	PGJ19-1	BL	8GH 008 356-181
H9	12	65	PGJ19-5	BL	8GH 008 357-181
H11	12	55	PGJ19-2	BL	8GH 008 358-181
H1	12	55	P14,5s	YL	8GH 002 089-501
H3	12	55	PK22s	YL	8GH 002 090-481
PY21W	12	21	BAU15s	Magic Star	8GA 006 841-801



## Lifetime

For extreme application conditions.  
Long service life thanks to specially developed filament design  
or Krypton or Xenon filling of the glass bulb.

ECE/DIN standard	Volt	Watt	Base	Specification	Part no.
H1	12	55	P14,5s	LL	8GH 002 089-351
H7	12	55	PX26d	LL	8GH 007 157-201



## Premium standard

ECE/DIN standard	Volt	Watt	Base	Part no.
H1	12	55	P14,5s	8GH 002 089-133
H3	12	55	PK22s	8GH 002 090-133
H7	12	55	PX26d	8GH 007 157-121
H8	12	35	PGJ 19-1	8GH 008 356-121
H11	12	55	PGJ 19-2	8GH 008 358-121
W5W	12	5		8GP 003 594-121
Xenon D2S	12/24V	35	P32d-2	8GS 007 949-101
Xenon D1S	12/24V	35	PK32d-2	8GS 009 028-001
Xenon D2R	12/24V	35	P32d-2	8GS 007 001-121

## Abbreviations

BL = Blue Light  
YL = Yellow Light  
LL = LongLife

## Even more choice!

This only gives you a brief overview of  
the comprehensive range of Hella light  
sources. You will find the whole range  
under [www.hella.com](http://www.hella.com).

[www.hella.com/offroad](http://www.hella.com/offroad)

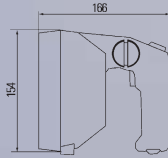




# Search lights & hand lamps

## Multi-function search light

Two separately switched light sources for close-range and long-range illumination and Morse function. Plug for cigarette lighter 12V. Inc. separate base and bulb.



Hand-held search light with 3.5 m cable

1H5 998 502-002

## LED inspection light

Battery-operated inspection light for universal use with flexible swan neck. Black aluminium housing with non-slip surface. Length 34.5 cm



LED inspection light

2XM 001 974-181

## LED battery-operated hand lamps

Ideal hand lamps for mobile applications: With chargers for 12 and 220 Volt!

Hand lamp 30 LEDs, 35 cm long

2XM 001 974-211

Hand lamp 60 LEDs, 39.5 cm long

2XM 001 974-221



## Magnetic bracket

Practical bracket for hand lamps where no clamping or hang-up possibility exists nearby. The strong magnet keeps the lamp in the optimum position.



Magnetic bracket

8HG 861 918-001

## Hand lamp HL 21-1120-C-Clip-Master

Hand lamp 112 cm long with fluorescent tube T5/21W, 5 m cable and self-clamping quick-action clip for bonnets 110 - 190 cm. Non-slip profile.

Hand lamp

2XM 001 974-121



# Reading / interior lights

Useful additional light for map reading, maritime charts and documents.  
Can be installed permanently or for cigarette lighter and socket.

## SpotLED reading light, 15 cm long

- |   |            |                 |
|---|------------|-----------------|
| ① | Cap white  | 2JA 343 720-011 |
|   | Cap black  | 2JA 343 720-021 |
|   | Cap silver | 2JA 343 720-291 |

## SpotLED reading light, 40 cm long

- |   |            |                 |
|---|------------|-----------------|
| ② | Cap white  | 2JA 343 720-111 |
|   | Cap black  | 2JA 343 720-121 |
|   | Cap silver | 2JA 343 720-191 |

## SpotLED reading light for cigarette lighter/socket, 15 cm long

- |  |            |                 |
|--|------------|-----------------|
|  | Cap white  | 2JA 343 720-071 |
|  | Cap black  | 2JA 343 720-081 |
|  | Cap silver | 2JA 343 720-091 |

## Reading light with 5W halogen bulb

- |  |                     |                 |
|--|---------------------|-----------------|
|  | black, 50 cm long   | 2AB 004 532-001 |
|  | black, 19.5 cm long | 2AB 004 532-011 |

## Reading light for cigarette lighter/socket with 5W halogen bulb

- |  |                   |                 |
|--|-------------------|-----------------|
|  | black, 16 cm long | 2AB 004 532-021 |
|--|-------------------|-----------------|

## Mini ThinLED

- |  |                   |                 |
|--|-------------------|-----------------|
|  | with 5 white LEDs | 2JA 343 660-101 |
|--|-------------------|-----------------|

## Thinlite LED

- |  |                    |                 |
|--|--------------------|-----------------|
|  | with 10 white LEDs | 2JA 343 606-007 |
|--|--------------------|-----------------|



[www.hella.com/offroad](http://www.hella.com/offroad)







Actual size

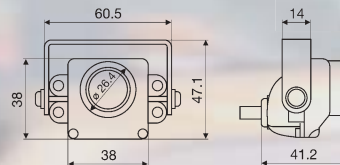


Actual size

## See what's behind

### Rear view camera system RVS-1

Easy-to-install camera system with a very large viewing range (up to 92° vertical and 120° horizontal) and compact TFT monitor (screen diagonal: 12.6 cm). Highly functional through automatic activation when the vehicle is put in reverse gear. Brilliant image even in the dark.



Set contents: rear view camera RVC-1, 5-inch TFT monitor, 10 m professional harness and installation material.

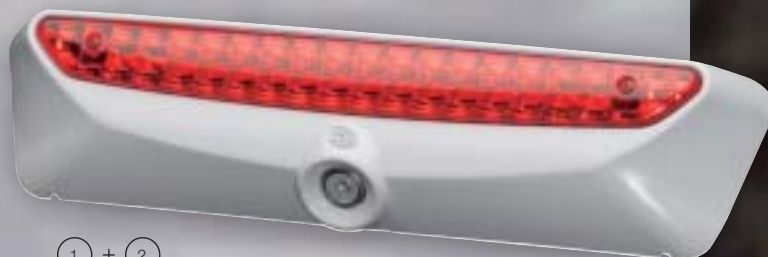
Rear view camera system RVS-1  
Rear view camera RVC-1 individually

5BD 009 690-001  
5BD 166 175-001



## LED safety stoplight camera mounting

As an alternative to the classic RVS-1 camera mount, the camera can also be built into the specially developed **LED** safety stoplight housing. This way, vehicles that do not have a third stoplight can have two safety-related systems installed at the same time. The camera itself is not included with the housing.



① + ②

① Housing for rear view camera and LED safety stoplight

9BG 169 975-001

② LED safety stoplight

2DA 343 800-001

③ Housing for rear view camera

9BG 169 974-001

10 m supplementary harness

8KA 166 530-001

Cinch cable adapter for monitor

8KB 169 079-001

Cinch cable adapter for camera

8KB 169 080-001



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# Accessories

## Emergency triangle

Emergency triangle, extremely stable thanks to rubber-supported bases.  
Low weight.  
In plastic box only 428 x 89 x 24 mm.

Emergency triangle

8RW 341 421-001



## Hazard light

Combined hazard warning light and worklight with 6V bulb: Hazard warning light amber, worklight white. Variable beam angle for the worklight; can withstand up to wind force 9. Requires 5 x 1.5V Mono cells (not included). State of battery charge display. Approved for vehicles in accordance with GGVS/ADR.

Model 3003

2XW 007 146-001

Model 3003 ACCU (inc. battery & charging bracket)

2XW 007 146-011



## Clip-on mirror

Universal clip-on mirror for cars

8SD 501 201-011



## Foot pumps

Double-cylinder pump (not illustrated)

8TM 003 792-001

Single-cylinder pump (not illustrated)

8TM 003 791-002

## On/off switch

Rocker switch (not illustrated)

6EH 007 946-041



# Flexible: Beacons for off-road use

These Hella beacons are particularly suitable for off-road applications thanks to their flexible bracket. Light intensity and stability are legendary.

## KLX 7000 flex

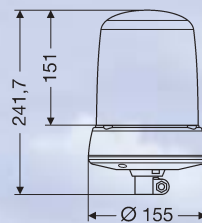
The KLX 7000 flex has the **Xenon** advantage:

The light values are much higher than with conventional beacons. The aluminium housing is not only durable and sturdy, it also shields the electronics effectively.

The light requires little maintenance and its smooth light dome makes it easy to clean; it has two circular holes (130 mm/107 mm) which makes it compatible for insertion onto the usual attachment fixtures. 12V; Weight: 1,300 g

KLX 7000, flex

2RL 008 183-101

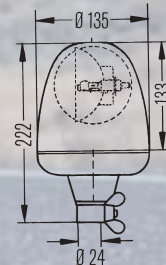


## Rotaflex

Halogen beacon with light dome made of impact-resistant polycarbonate. With flexible housing base for pipe socket mounting, which brings the light back into the right position even after it has been bent for some time. 12V; Weight: 850 g

Rotaflex

2RL 006 846-001

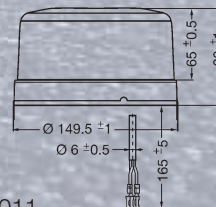


## K-LED FO FL

**LED** beacon with intelligent, powerful electronics and all the advantages of **LED** technology: lower power consumption, long service life of the light sources, extremely short reaction times and high resistance to vibration. Multi-voltage; Weight: 1,700 g

K-LED FO FL

2XD 010 311-011



NB: In some countries, use of the beacons is restricted to special vehicles.



# Accessories

## 1 Power-Charger

Fully automatic charger for conservation, permanent charging and for recharging totally discharged batteries, with automatic charging stop.

Power-Charger 8ES 004 417-041

## 2 Turbo-Charger with booster

As Power-Charger, but with booster. This function works as a quick-action charger. Charge of 20 amps is possible within 15 minutes.

Turbo-Charger 8ES 004 417-031



## Supertone horn set

Focused sound characteristics with powerful signaling effect in 300 and 500 Hz frequencies. Black metal housing with red guard and bracket for M8 fastening screw.

Set contents: two supertone horns with relay

Horn set B 133 3AG 003 399-801

## Signal horn

Frequency 335 Hz, zinc-plated metal housing with black membrane. With blade terminals and bracket on the horn for M8 fastening screw. Sound pressure level at a distance of two metres: 116 dB (A).

Horn B 36\* 3BA 002 768-082

3 High tone horn, 115 dB(A), with moisture protection 3AL 002 952-811

Low tone horn, 115 dB(A), with moisture protection\* 3AL 002 952-861

\* not illustrated

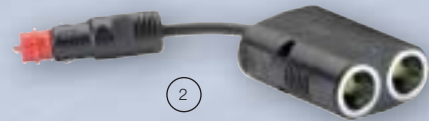


## Power sockets

- ① Coiled extension cable including safety universal plug with 8A fuse  
Load capacity: 8A at 24V 8KA 007 589-091
- ② Twin adapter  
Load capacity 2 x 8A at 12 - 24V 8JA 007 589-141
- ③ Battery monitor: Switches devices off before the battery is discharged.  
Automatic switch-on when the battery is fully charged. 8ES 007 589-121



①



②



③

## Short adapters

- ④ Short adapter (from 13-pole socket to 7-pole socket on the trailer) 8JA 005 952-011
- ⑤ Super short adapter (from 13-pole socket to 7-pole socket on the trailer) 8JA 008 969-001
- ⑥ Super short adapter (from 7-pole socket to 13-pole socket on the trailer) 8JA 008 969-011



④



⑤



⑥

[www.hella.com/offroad](http://www.hella.com/offroad)





***Discover something new***





Excursions away from proper roads, in extreme weather conditions and at night require especially resistant and powerful product lines.

Hella auxiliary equipment has been developed for just these kinds of conditions – numerous awards are witness to Hella products leading the way in off-road technology.

Over and above pure functionality, our auxiliary lights and equipment also reflect the professionalism of the driver: a carefully considered decision in favour of highly durable, high-grade quality.

Adventures start off the beaten track – Hella is the quality seal you need when the mission is: To discover something new.



[www.hella.com/offroad](http://www.hella.com/offroad)





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The complete range of accessories can be found in the LightShow catalogue online:  
[www.hella.com/autofahrer](http://www.hella.com/autofahrer)

**Please observe the relevant legal regulations when fitting our products and using them in road traffic.**





# Specifications

	Spotlight	Fog light	Part Number	Weight	Lighting function	Set	Light source	Light source inc.	Volt	Reference no.	Test symbol	Approval	Cover included	Cover available	Upright mounting	Pendant mounting
Luminator Xenon (ext. ballast)	•		1F8 007 560-621	3,800 g	FS/Xenon		D1S	•	12V	37.5	E1 2554	ECE	•	•		
Luminator Xenon (int. ballast)	•		1F8 007 560-721	3,800 g	FS/Xenon		D1S	•	12V	37.5	E1 2554	ECE	•	•		
Luminator Metal	•		1F8 007 560-301	2,600 g	FS/PO		H1 + W5W		12V / 24V	37.5	E1 1928	ECE	•	•		
Luminator Metal	•		1F8 007 560-011	2,600 g	FS		H1 + W5W		12V / 24V	17.5	E1 303	ECE	•	•		
Luminator Metal		•	1N8 007 560-031	2,600 g	NS		H3		12V / 24V	-	E1 18245	ECE	•	•		
Luminator Metal CELIS®	•		1F8 007 560-201	2,800 g	FS/PO		H1 + CELIS® LED		12V / 24V	17.5	E1 1753	ECE/SAE	•	•		
Luminator Compact Xenon	•		1F3 009 094-142	2,400 g	FS/Xenon		D1S	•	12V	37.5	E1 2087	ECE	•	•		
Luminator Compact Xenon	•		1F3 009 094-311	2,400 g	FS/Xenon		D1S	•	12V	37.5	E1 2087	ECE	•	•		
Luminator X Xenon	•		1F0 010 186-001	1,300 g	FS/Xenon		D1S	•	12V	37.5	E4 0009	ECE	•	•		
Luminator Compact Metal	•		1F3 009 094-021	1,500 g	FS		H1		12V / 24V	37.5	E1 1901	ECE	•	•		
Luminator Compact Metal	•		1F3 009 094-061	1,500 g	FS		H1		12V / 24V	17.5	E1 1902	ECE/SAE	•	•		
Luminator Compact Metal		•	1N3009 094-001	1,500 g	NS		H7		12V / 24V	-	E1 1901	ECE/SAE	•	•		
Luminator Compact Metal CELIS®	•		1F1 009 094-041	1,600 g	FS/PO		H1 + CELIS® LED		12V / 24V	37.5	E1 1901	ECE	•	•		
Luminator Chromium	•		1F8 007 560-311	2,600 g	FS/PO		H1 + W5W		12V / 24V	37.5	E1 1928	ECE	•	•		
Luminator Chromium	•		1F8 007 560-341	2,600 g	FS/PO		H1 + W5W		12V / 24V	17.5	E1 303/ E1 44484	ECE	•	•		
Luminator Chromium		•	1N8 007 560-021	2,600 g	NS		H3		12V / 24V	-	E1 18245	ECE	•	•		
Luminator Chromium Blue	•		1F8 007 560-321	2,600 g	FS/PO/ Blue		H1 + W5W		12V / 24V	37.5	E1 1928	ECE	•	•		
Luminator Chromium Blue	•		1F8 007 560-331	2,600 g	FS/PO/ Blue		H1 + W5W		12V / 24V	17.5	E1 44484	ECE	•	•		
Luminator Chromium CELIS®	•		1F8 007 560-211	2,800 g	FS/PO		H1 + CELIS® LED		12V / 24V	17.5	E1 1753	ECE/SAE	•	•		
Luminator Chromium Compact	•		1F3 009 094-031	1,500 g	FS		H1		12V / 24V	37.5	E1 1901	ECE	•	•		
Luminator Chromium Compact	•		1F3 009 094-071	1,500 g	FS		H1		12V / 24V	17.5	E1 1902	ECE/SAE	•	•		
Luminator Chromium Compact		•	1N3 009 094-011	1,500 g	NS		H7		12V / 24V	-	E1 1901	ECE/SAE	•	•		
Luminator Chromium Compact Blue	•		1F3 009 094-171	1,500 g	FS/Blue		H1		12V / 24V	37.5	E1 1928	ECE	•	•		
Luminator Chromium Compact CELIS®	•		1F1 009 094-051	1,600 g	FS/PO		H1 + CELIS® LED		12V / 24V	37.5	E1 1901	ECE	•	•		
Luminator Chromium Compact CELIS®	•		1F1 009 094-091	1,600 g	FS/PO		H1 + CELIS® LED		12V / 24V	17.5	E1 1902	ECE/SAE	•	•		
Rallye 3003	•		1F8 009 797-021	1,350 g	FS/PO		H1 + W5W		12V / 24V	37.5	E1 1928	ECE	•	•		
Rallye 3003	•		1F8 009 797-121	1,350 g	FS/PO		H1 + W5W		12V / 24V	17.5	E1 2254	ECE	•	•		
Rallye 3003 Blue	•		1F8 009 797-031	1,350 g	FS/PO/ Blue		H1 + W5W		12V / 24V	37.5	E1 1928	ECE	•	•		
Rallye 3003 Blue	•		1F8 009 797-131	1,350 g	FS/PO/ Blue		H1 + W5W		12V / 24V	17.5	E1 2254	ECE	•	•		
Rallye 3003 Compact	•		1F3 010 119-011	585g	FS		H1		12V / 24V	37.5	E1 1901	ECE	•	•		
Rallye 3003 Compact	•		1F3 010 119-001	585g	FS		H1		12V / 24V	17.5	E1 1902	ECE/SAE	•	•		
Rallye 3003 Compact Blue	•		1F3 010 119-021	585g	FS/Blue		H1		12V / 24V	37.5	E1 1928	ECE	•	•	•	
Jumbo 320 Xenon	•		1FE 008 773-021	2,200 g	FS/Xenon		D1S	•	12V	37.5	LED. PO: E1 1741 E1 1655	ECE	•	•	•	
Jumbo 320 FF	•		1FE 008 773-041	1,200 g	FS		H7 + W5W		12V / 24V	37.5	E1 1655	ECE	•	•	•	
Jumbo 320 FF	•		1FE 008 773-001	1,200 g	FS		H7		12V / 24V	37.5	E1 1655	ECE	•	•	•	
Jumbo 320 FF	•		1FE 008 773-011	1,200 g	FS		H7		12V / 24V	17.5	E1 1655	ECE	•	•	•	
Jumbo 320 FF	•		1FE 008 773-081	1,200 g	FS/PO		H7 + LED		12V / 24V	37.5	LED. PO: E1 1741 E1 1655	ECE	•	•	•	
Jumbo 320 FF		•	1NE 008 773-031	1,200 g	NS		H7		12V / 24V	-	E1 1689	ECE	•	•	•	
Jumbo 320 Blue	•		1FE 008 773-061	1,200 g	FS/Blue		H7		12V / 24V	37.5	E1 1655	ECE	•	•	•	
Jumbo 220 Blue	•		1FE 006 300-261	1,200 g	FS/Blue		H3		12V / 24V	37.5	E1 44444	ECE	•	•	•	
Classic 210	•		1FE 002 537-191	1,800 g	FS		H3		12V / 24V	37.5	E1 14520	ECE	•	•	•	
Classic 210		•	1NE 002 537-201	1,800 g	NS		H3		12V / 24V	-	E4 914	ECE	•	•	•	
Classic 181	•		1FD 003 590-411	1,200 g	FS		H3		12V / 24V	-	E1 44410	ECE	•	•	•	
Classic 181		•	1ND 003 590-401	1,200 g	NS		H3		12V / 24V	-	E1 18216	ECE	•	•	•	
Classic 160	•		1F4 002 608-001	1,200 g	FS		H3		12V / 24V	-	E1 14521	ECE	•	•		
Classic 160		•	1N4 002 608-021	1,200 g	NS		H3		12V / 24V	-	E4 915	ECE	•	•		
Comet 200 Xenon	•		1F4 007 893-871	1,450 g*	FS/Xenon	•	D2S	•	12V	37.5	E1 646	ECE	•	•		
Comet 200 Xenon	•		1F4 007 893-141	1,450 g*	FS/Xenon		D2S	•	12V	37.5	E1 646	ECE	•	•		
Comet 200 Chromium	•		1F4 007 893-191	500g	FS		H3		12V	37.5	E1 646	ECE	•	•		
Comet 200 Chromium	•		1F4 007 893-201	500g	FS		H3		12V	17.5	E1 647	ECE	•	•		

# Specifications

	Spotlight	Fog light	Part Number	Weight	Lighting function	Set	Light source	Light source inc.	Volt	Reference no.	Test symbol	Approval	Cover included	Cover available	Upright mounting	Pendant mounting
Comet FF 300	•		1FB 007 892-811	550g*	FS	•	H3	•	12V	17.5	E1 649	ECE	•	•	•	•
Comet FF 300	•		1FB 007 892-011	550g	FS		H3	•	12V	17.5	E1 649	ECE	•	•	•	•
Comet FF 300	•		1FB 007 892-841	550g	FS	•	H3	•	12V	17.5	E1 649	ECE	•	•	•	•
Comet FF 300	•		1FB 007 892-071	550g	FS		H3	•	12V	17.5	E1 649	ECE	•	•	•	•
Comet FF 300		•	1NB 007 892-001	550g	NS		H3	•	12V	-	E1 648	ECE	•	•	•	•
Comet FF 300		•	1NB 007 892-821	550g*	NS	•	H3	•	12V	-	E1 648	ECE		•	•	•
Comet FF 300		•	1NB 007 892-041	550g	NS		H3	•	12V	-	E1 648	ECE		•	•	•
Comet FF 300 Blue	•		1FB 007 892-131	550g	FS/Blue		H3		12V	17.5	E1 648	ECE		•	•	•
Comet FF 200	•		1F4 007 893-811	550g*	FS	•	H3	•	12V	37.5	E1 646	ECE	•	•	•	•
Comet FF 200	•		1F4 007 893-021	550g	FS		H3	•	12V	37.5	E1 646	ECE	•	•	•	•
Comet FF 200	•		1F4 007 893-841	550g*	FS	•	H3	•	12V	37.5	E1 646	ECE	•	•	•	•
Comet FF 200	•		1F4 007 893-081	550g	FS		H3	•	12V	37.5	E1 646	ECE		•	•	•
Comet FF 200	•		1F4 007 893-911	550g*	FS	•	H3	•	12V	17.5	E1 647	ECE/SAE		•	•	•
Comet FF 200		•	1N4 007 893-001	550g	NS		H3	•	12V	-	E1 645	ECE	•	•	•	•
Comet FF 200		•	1N4 007 893-821	550g*	NS	•	H3	•	12V	-	E1 645	ECE	•	•	•	•
Comet FF 200 Blue	•		1F4 007 893-241	550g	FS		H3		12V	17.5	E1 647	ECE/SAE		•	•	•
Comet FF 100	•		1FA 007 891-841	450g*	FS	•	H3	•	12V	17.5	E1 651	ECE	•	•	•	•
Comet FF 100	•		1FA 007 891-061	450g	FS		H3	•	12V	17.5	E1 651	ECE		•	•	•
Comet FF 100		•	1NA 007 891-821	450g*	NS	•	H3	•	12V	-	E1 650	ECE	•	•	•	•
Comet FF 100		•	1NA 007 891-041	450g	NS		H3	•	12V	-	E1 650	ECE	•	•	•	•
FF 40	•		1FA 010 047-801	340g*	FS	•	H11	•	12V	12.5	E1 2529	ECE/SAE		•	•	•
FF 40	•		1FA 010 047-011	340g	FS		H11	•	12V	12.5	E1 2529	ECE/SAE		•	•	•
FF 40		•	1NA 010 047-811	340g*	NS	•	H8	•	12V	-	E1 2529	ECE/SAE		•	•	•
FF 40		•	1NA 010 047-111	340g	NS		H8	•	12V	-	E1 2529	ECE/SAE		•	•	•
FF 50	•		1FA 008 283-811	380g*	FS	•	H7	•	12V	12.5	E1 1210	ECE		•	•	•
FF 50	•		1FA 008 283-011	380g*	FS		H7	•	12V	12.5	E1 1210	ECE		•	•	•
FF 50		•	1NA 008 283-801	380g*	NS	•	H7	•	12V	-	E1 1209	ECE		•	•	•
FF 50		•	1NA 008 283-001	380g*	NS		H7	•	12V	-	E1 1209	ECE		•	•	•
FF 50 Blue	•		1FA 008 283-861	380g*	FS/Blue	•	H7	•	12V	12.5	E1 1210	ECE/SAE		•	•	•
FF 50 Blue	•		1FA 008 283-031	380g*	FS/Blue		H7	•	12V	12.5	E1 1210	ECE/SAE		•	•	•
FF 75	•		1FA 008 284-811	460g*	FS	•	H7	•	12V	12.5	E1 1212	ECE		•	•	•
FF 75	•		1FA 008 284-011	460g	FS		H7	•	12V	12.5	E1 1212	ECE		•	•	•
FF 75		•	1NA 008 284-801	460g*	NS	•	H7	•	12V	-	E1 1211	ECE		•	•	•
FF 75		•	1NA 008 284-001	460g	NS		H7	•	12V	-	E1 1211	ECE		•	•	•
FF 75 Blue	•		1FA 008 284-861	460g*	FS/Blue	•	H7	•	12V	12.5	E1 1212	ECE		•	•	•
FF 75 Blue	•		1FA 008 284-031	460g	FS/Blue		H7	•	12V	12.5	E1 1212	ECE		•	•	•
DE Xenon	•		1F0 008 390-801	1,100 g*	FS/Xenon	•	D2S	•	12V	17.5	E1 1120	ECE		•	•	•
DE Xenon	•		1F0 008 390-001	1,100 g	FS/Xenon		D2S	•	12V	17.5	E1 1120	ECE		•	•	•
Micro DE		•	1NL 008 090-821	950g*	NS	•	H3	•	12V	-	E1 877	ECE		•	•	•
Micro DE		•	1NL 008 090-031	950g*	NS		H3	•	12V	-	E1 877	ECE		•	•	•
Daytime running light LEDayLine®			2PT 010 043-801	260g*	TFL	•	LED	•	12V	-	E1 2578	ECE/SAE		•	•	•
Daytime running light set			2PT 008 362-801	190g*	TFL	•	H6W	•	12V/6W	-	E1 1035	ECE		•	•	•
Daytime running lights set clear-glass design			2PT 008 935-801	105g*	TFL	•	-	•	12V/16W	-	E1 1722	ECE/SAE		•	•	•
LED daytime running lights set rectangular			2PT 009 496-801	640g*	TFL	•	LED	•	12V/5W or 24V/11W	-	E1 2344	ECE		•	•	•
LED daytime running lights set 90 mm			2PT 009 599-801	390g*	TFL	•	LED	•	12V/5W or 24V/11W	-	E1 2372	ECE/SAE		•	•	•
Daytime running lights set FF 40			2PT 010 047-821	280g*	TFL	•	P21W	•	12V/21W	-	E1 2578	ECE/SAE		•	•	•
DynaView® Evo2			1N0 009 295-801	390g*	AL/NS	•	H7	•	12V	-	E1 1951	ECE/SAE		•	•	•
AS 200 Xenon mit Magnethalterung			1GA 996 142-041	2,400 g	AS/Xenon		D2S	•	12V	-	IP5K4K **	-		•	•	•
Ultra Beam H3			1GA 997 506-001	570g	AS		H3		12V / 24V	-	IP6K9K **	-		•	•	•
Ultra Beam FF, with handle and switch			1GA 997 506-631	725g	AS		H3		12V / 24V	-	IP5K4K **	-		•	•	•
Mega Beam LED Gen. II			1GM 996 136-191	800g	AS/LED		LED	•	12V / 24V	-	IP6K7 IP6K9K**	-		•	•	•

\* Weight of individual headlight \*\* Protective rating FS=Spotlight NS=Fog light PO=Position light DRL=Daytime running light AL=Cornering light AS=Worklight

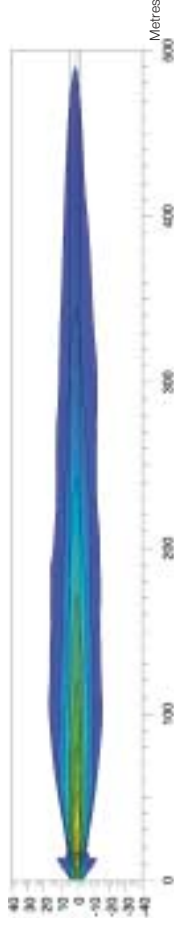


# Spotlights

**Luminator Xenon**  
(Ref. 37.5)  
» P. 10



**Luminator**  
(Ref. 37.5)  
» P. 10-13



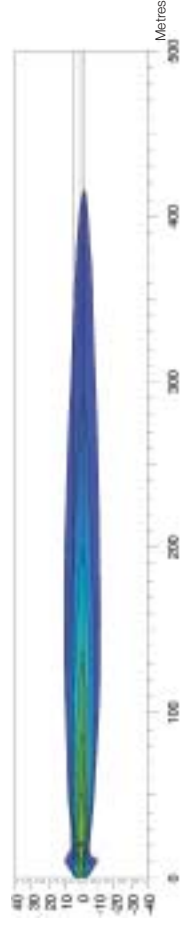
**Luminator**  
(Ref. 17.5)  
» P. 10-13



**Luminator Compact Xenon**  
(Ref. 37.5)  
» P. 14



**Luminator Compact**  
(Ref. 37.5)  
» P. 14-17



**Luminator Compact**

(Ref. 17.5)

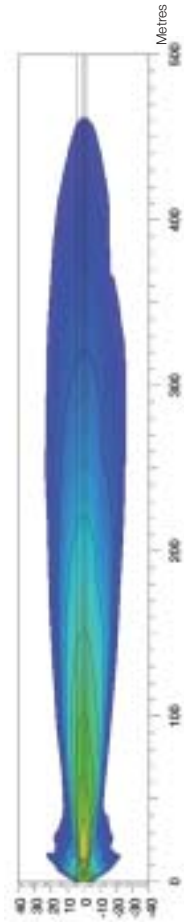
» P. 14-17



**Luminator X Xenon**

(Ref. 37.5)

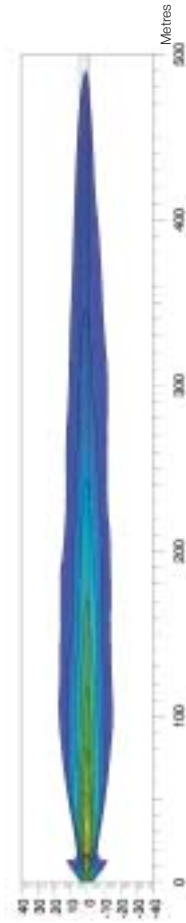
» P. 18-19



**Rallye 3003**

(Ref. 37.5)

» P. 22



**Rallye 3003**

(Ref. 17.5)

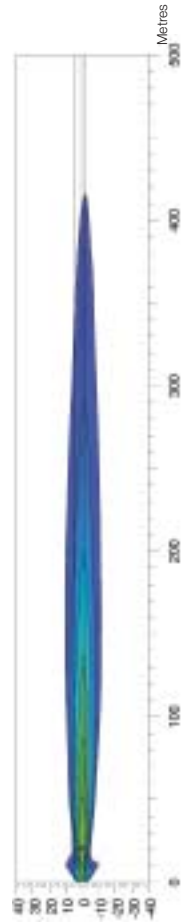
» P. 22



**Rallye 3003 Compact**

(Ref. 37.5)

» P. 23



**Rallye 3003 Compact**

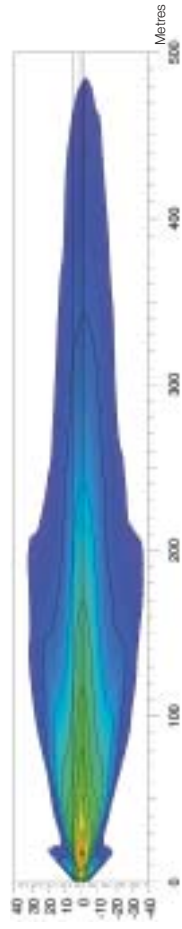
(Ref. 17.5)

» P. 23

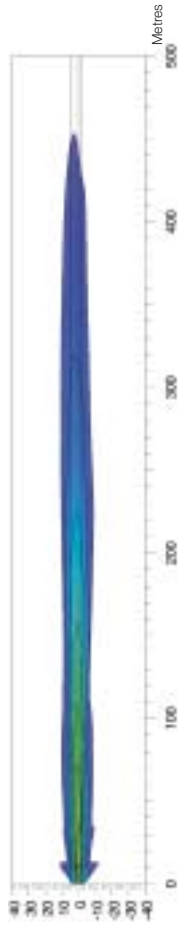




**Jumbo 320 Xenon**  
(Ref. 37.5)  
» P. 26



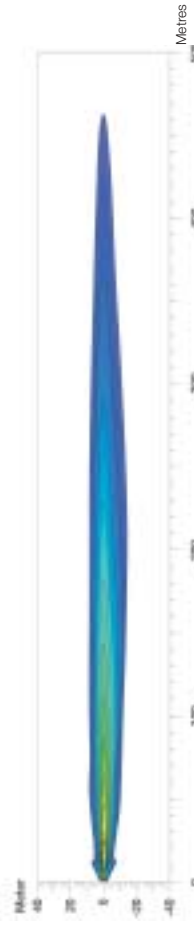
**Jumbo 320 FF**  
(Ref. 37.5)  
» P. 26-27



**Jumbo 320 FF**  
(Ref. 17.5)  
» P. 27



**Jumbo 220**  
(Ref. 37.5)  
» P. 28



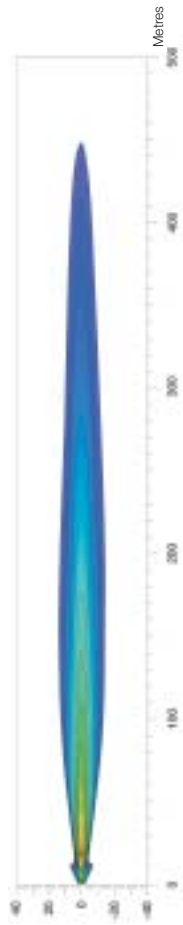
**DE Xenon**  
(Ref. 17.5)  
» P. 29



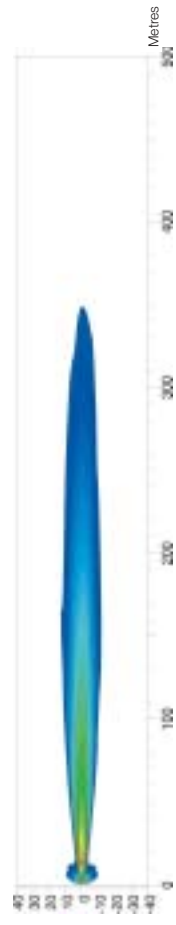
**Comet 200 Xenon**  
(Ref. 37.5)  
» P. 30



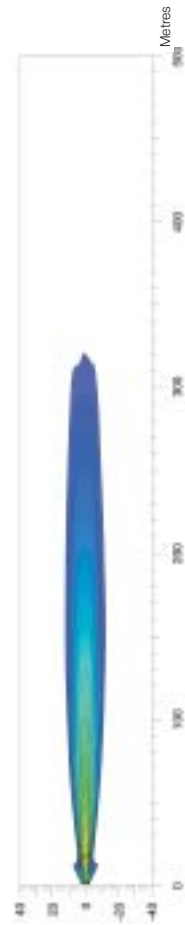
**Comet 200**  
(Ref. 37.5)  
» P. 30



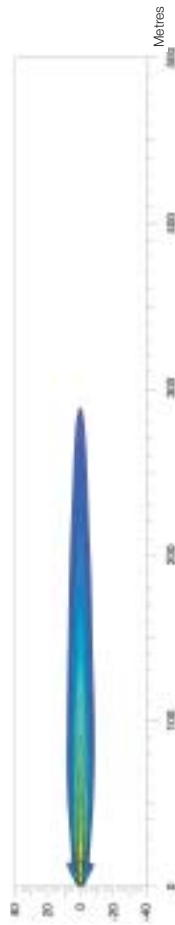
**Comet 200**  
(Ref. 17.5)  
» P. 30



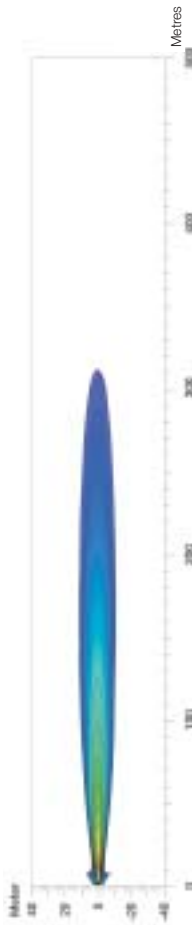
**Comet FF 300**  
(Ref. 17.5)  
» P. 31



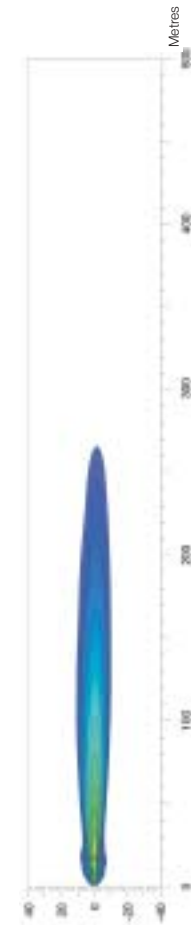
**Comet FF 100**  
(Ref. 17.5)  
» P. 31



**FF 50**  
(Ref. 12.5)  
» P. 32



**FF 75**  
(Ref. 12.5)  
» P. 33





# Fog lights

**Luminator**  
» P. 11, 13



**Luminator Compact**  
» P. 15, 17



**Jumbo 320 FF**  
» P. 27



**Micro DE**  
» P. 29



**Comet 200**  
» P. 30



**Comet 300**  
» P. 31



**Comet 100**  
» P. 31



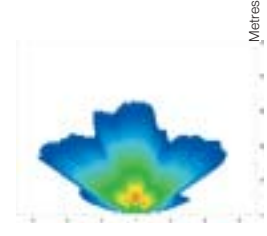
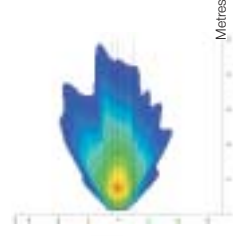
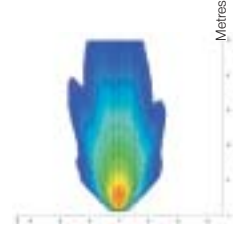
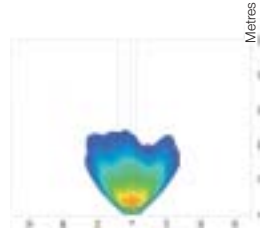
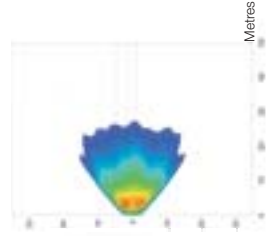
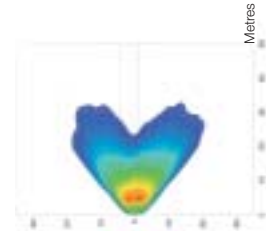
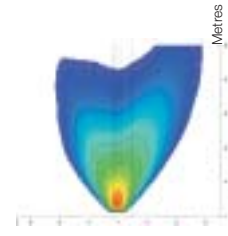
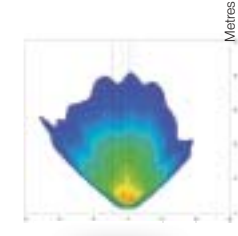
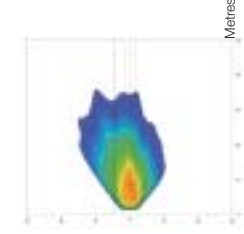
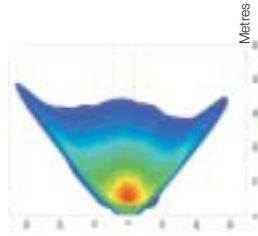
**FF 50**  
» P. 32



**FF 75**  
» P. 33



**DynaView® Evo2**  
» P. 45



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