



UNIVERSAL LIGHTING

HELLA Limited

Unit 6 Appletree Industrial Estate
Chipping Warden
Banbury, Oxon
OX17 1LL
England, UK
Tel.: (01295) 662400
Fax: 0800 7832571
E-mail: hella.sales@hella.com
Website: www.hella.co.uk

HELLA A/S

Lundsbjerg Industrivej 13
DK-6200 Aabenraa
Tel.: 0045 7330 3600
e-mail: info.dk@hella.com
www.hella.dk

HELLA Polska Sp. z o.o.

al. Wyścigowa 6
02-681 Warszawa
Telefon: 22 514 17 60
Fax: 22 514 17 61
www.hella.com.pl

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RATED VOLTAGE

The rated voltage, specified in volts (V), defines the specified operating voltage of a product, e.g. 12 V or 24 V. It ensures the safe and optimal operation of the product.



COLOUR TEMPERATURE

The colour temperature, specified in Kelvin (K), describes the colour of the light of a product.



OPERATING TEMPERATURE

Thermal management and an optimised housing design ensure full functionality for all operating temperatures as a result of product testing from -40 °C to 60 °C, for example.



IP PROTECTION CLASS – DUSTPROOF AND WATERPROOF

International Protection (IP) in accordance with ISO 20653. Specific definition for road vehicles:

First digit – protection against dust and dirt:

- 5K = dust protected
- 6K = dustproof

Second digit – protection against water:

- 4K = protection against splashing water with increased pressure from any direction
- 7 = protection against temporary immersion
- 9K = protection against water during high-pressure/steam-jet cleaning



CORROSION PROTECTION

Improved corrosion protection through electrophoresis, anodising and passivation of the housing material.



ECE

Product is tested in accordance with ECE guidelines. More detailed information on the ECE certification symbols can be found together with the individual products.



SAE

The product is SAE compliant.



RCM

The product is approved in accordance with Australian RCM guidelines.



APPROVED FOR DANGEROUS GOODS TRANSPORT

The product is approved for dangerous goods transports in accordance with the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR - abbreviated in German to GGVSEB).



ELECTROMAGNETIC COMPATIBILITY

Electromagnetic compatibility (EMC) tested and EU type approval issued. If the product is not designed and constructed in accordance with EMC specifications, and is thus not certified, then interactions between it and other safety-relevant electronic systems may occur.



POLARITY REVERSAL PROTECTION

Even if the connecting cable is fitted the wrong way round, there is still no danger for the electronics.



OVERVOLTAGE PROTECTION

Supplement to the electronics for protecting the LED against high voltage / currents in the vehicle network as per ISO 7637-2.

The LEDs can become overloaded by increased voltage peaks in vehicles as a result of the following: jump start, defective control units or load dump pulses (faulty contact to the battery).

Such peaks stress / damage the LEDs, which can lead to function failure or to a reduction of service life. Complementing the circuit with appropriate components protects the circuit and can extend the service life or even prevent failure.



ROTATING

The product has a rotating light function.



FLASHING

The product has a flashing light function.

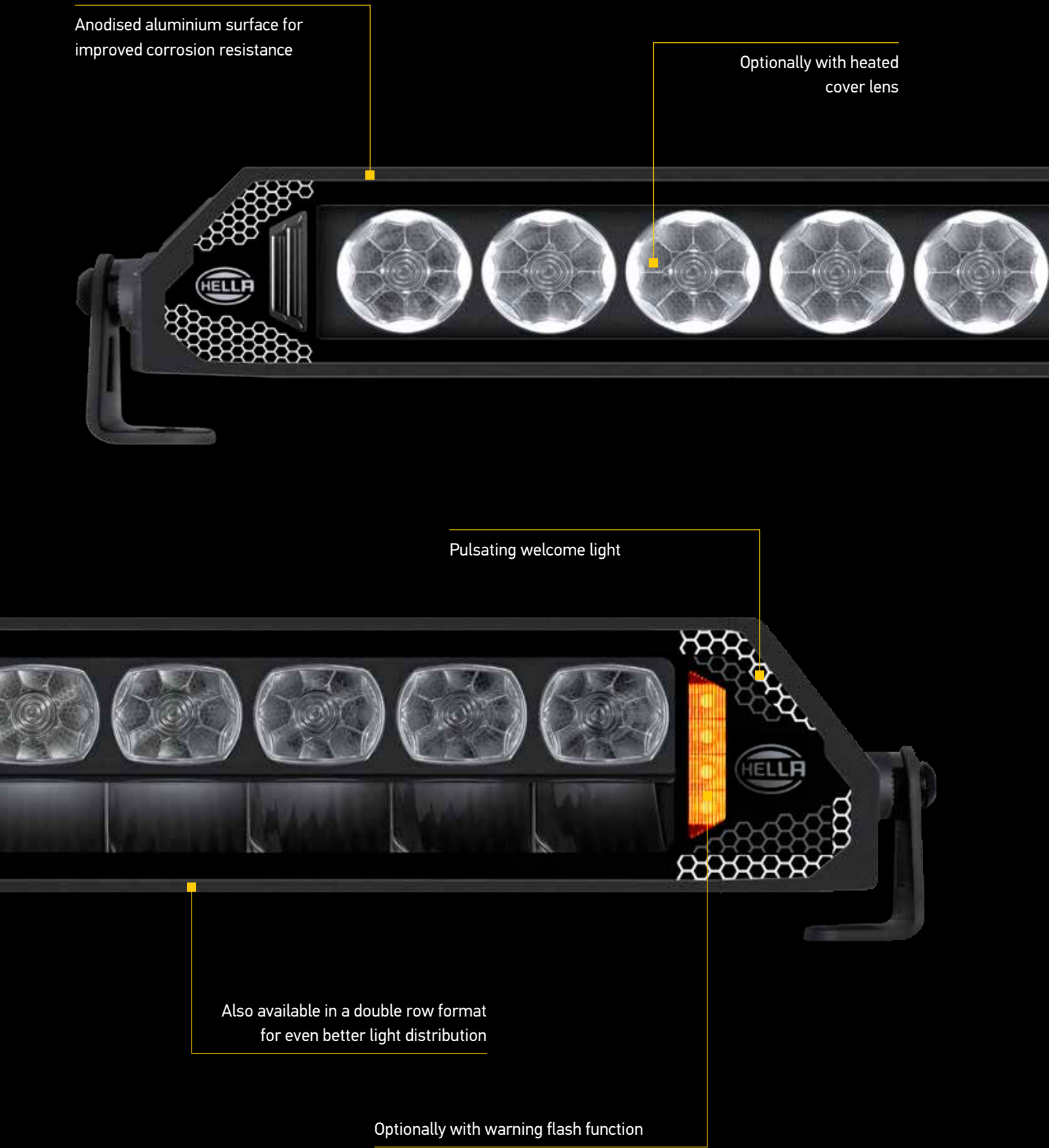
ECE REGULATION – BRIEFLY EXPLAINED	
ECE-R3	Regulates passive reflex reflectors – e.g. red reflectors on rear lamps or amber reflectors on the side.
ECE-R4	Regulates licence plate lighting – white, uniform light without glare.
ECE-R6	Regulations for direction indicators – front, rear and side.
ECE-R7	Regulates tail lamps, stop lamps, position lights and parking lights – technical lighting regulation for rear lighting.
ECE-R8	Controls the colour, intensity and positioning of the halogen lamps.
ECE-R10	Electromagnetic compatibility (EMC) – mandatory for all electronic components with road approval (e.g. control units, LED lamps).
ECE-R23	Regulates reverse lamps – allows use when reversing on public roads.
ECE-R38	Approval for rear fog lamps – bright red light for better visibility in fog.
ECE-R65	Approval for amber rotating beacons or flashing beacons on e.g. construction site vehicles, police vehicles, fire brigade trucks, towing services, etc. In addition, ECE R65 regulates the general road approval for warning lamps , regardless of whether they are amber, red or blue – provided they are permitted for the relevant purpose (e.g. for emergency vehicles). Valid in Europe , but not applicable in the USA .
ECE-R86	Regulates lighting systems on agricultural vehicles and trailers – e.g. tractors.
ECE-R91	Regulates clearance lamps (end outline marker lamps) – important for wide or long vehicles such as lorries and trailers.
ECE-R112	Approval for high beam lamps (e.g. LED or halogen) in road traffic.
ECE-R113	Approval for lamps with symmetrical low beam or high beam – often on older vehicles.
ECE-R148	Controls technical lighting equipment such as position lights, stop lamps, indicators, rear lamps, etc. – gradually replacing R6, R7, R23 etc.
ECE-R149	Regulates modern lamp systems (e.g. LED, adaptive, matrix) for high and low beam – replacing R112, R113 in the future.
ECE-R150	Specifies the technical requirements for retro-reflective devices and markings (e.g. warning signs, contour markings) in order to improve their visibility in the dark or in generally poor visibility conditions.

LIGHT BARS

SO MANY VERSATILE USES

Light bars are the perfect choice for anyone looking for powerful and reliable lighting. They offer exceptionally high light output and are extremely durable and resistant to the harshest weather conditions thanks to their robust design. HELLA's innovative LED technology ensures excellent visibility at night and in poor lighting conditions.





DYNARAY

Brilliantly radiant design and unmistakable look: precisely arranged LEDs create vibrant lighting accents and give the DynaRay a striking appearance – ideal for road and off-road use. The position light comes in a choice of white (ECE-compliant) and amber (off-road), and is integrated in the reflector for an impressive LED look. Maximum functionality and style that make for a strong presence everywhere.

TECHNICAL DATA					

Rated power	ECE mode: 13.5 W to 32.5 W High-boost mode: 26 W to 175 W
Light output (calculated)	2,400 lm to 22,000 lm
Light output (effective)	ECE mode: 1,000 lm to 3,158 lm High-boost mode: 1,600 lm to 11,872 lm
Ref. no.	17.5 to 45
Material	Housing: anodised aluminium
Approved	ECE-R10 Position light, white and red: ECE R148 High beam: ECE R149 Warning flash function: ECE R65
EMC Warning flash function	CISPR 25 Class 3 or 5
Connection	DEUTSCH DT connector with 1,500 mm cable***
Scope of delivery	1 x light bar with 1,500 mm cable (with connection option to the relevant control box), 2 x side brackets, rear brackets (1 x, 2 x or 4 x), mounting material, 2 x 500 mm cables with open ends

PART NUMBERS

1FF 359 100-...	Slim or Double Row light bar, position light white and amber, high-boost mode
1FJ 359 100-...	
1GF 359 100-...	Slim light bar, position light amber and red
1GJ 359 100-...	

ACCESSORIES

SLIM CAP LIGHT BAR
DYNARAY SERIES

For Slim light bar DynaRay

9.6" 8XS 359 100-901

14" 8XS 359 100-921

21" 8XS 359 100-941

37" 8XS 359 100-961

DOUBLE ROW CAP LIGHT BAR
DYNARAY SERIES

For Double Row light bar DynaRay

10" 8XS 359 100-911

15" 8XS 359 100-931

21.5" 8XS 359 100-951

37.5" 8XS 359 100-971

Note on protective caps

In some countries, protective caps are not permitted by law. Before using them on public roads, please check with the relevant government authority.

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions). | Before connecting the hazard warning flash function, please check whether you belong to one of the groups who, in accordance with local legislation, are authorised to use hazard warning flashers in the installed direction. | If the high-boost function for maximum light output is activated, approval for the road is no longer valid.

* Ambient temperature | ** Storage temperature | *** With connection option to the relevant control box (accessory), plus optional 500 mm cable with open ends



DYNARAY



Rated power	ECE mode: 13.5 W High-boost mode: 26 W	ECE mode: 29.8 W High-boost mode: 57 W	ECE mode: 32.5 W ^[1] or 20 W ^[2] High-boost mode: 90 W ^[1] or 95 W ^[2]	ECE mode: 27.7 W High-boost mode: 165 W
Max. light output (calculated)	2,400 lm	4,800 lm	8,000 lm	16,000 lm
Light output (effective)	ECE mode: 1,000 lm ^[1] High-boost mode: 1,600 lm ^[1] or 1,800 lm ^[2]	ECE mode: 2,400 lm High-boost mode: 3,500 lm	ECE mode: 3,100 lm ^[1] High-boost mode: 5,880 lm ^[1] or 5,800 lm ^[2]	ECE mode: 3,158 lm High-boost mode: 11,346 lm
Ref. no.	17.5 ^[1]	37.5	45 ^[1]	45
Light source	19 LEDs ^[3] or 25 LEDs ^[4] , with LED-positionslight (white and amber or amber and red), Warning light function (amber)	34 LEDs ^[1] or 40 LEDs ^[2] , with LED-position light (white and amber or amber and red), Warning light function (amber)	54 LEDs ^[3] or 60 LEDs ^[4] , with LED position light (white and amber or amber and red), Warning light function (amber)	104 LEDs, with LED position light (white and amber or amber and red)
Material	Housing: anodised aluminium	Housing: anodised aluminium	Housing: anodised aluminium	Housing: anodised aluminium
Approved	ECE R10, position light, white and red: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white and red: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149
EMC	CISPR 25 Class 5	CISPR 25 Class 5	CISPR 25 Class 5	
Warning flash function				
Connection	DEUTSCH DT connector with1,500 mm cable***	DEUTSCH DT connector with1,500 mm cable***	DEUTSCH DT connector with1,500 mm cable***	DEUTSCH DT connector with1,500 mm cable***
Scope of delivery		1 x light bar with 1,500 mm cable (with connection option to the relevant control box), 2 x side brackets, mounting material, 2 x 500 mm cables with open ends		
Dimensional sketch	1 x rear bracket 1	2 x rear brackets 2	2 x rear brackets 3	4 x rear brackets 4

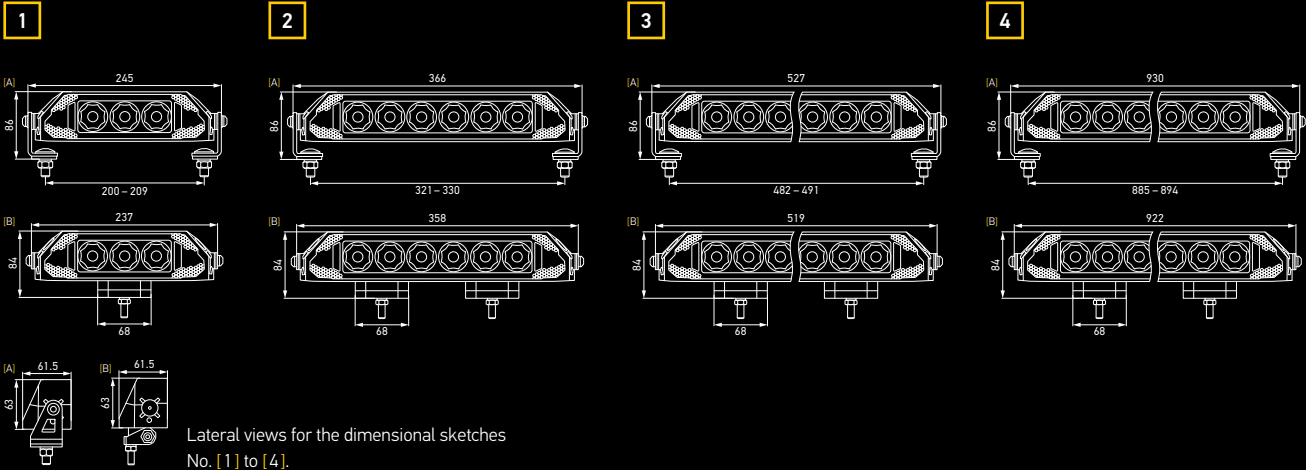
High-boost mode	9.6" Slim light bar ^[1] Position light, white and amber Spotlight 1FF 359 100-001^[3] Spotlight, warning flash function 1FF 359 100-011^[4]	14" Slim Lightbar Position light, white and amber Spotlight 1FJ 359 100-101^[1] Spotlight, warning flash function 1FJ 359 100-111^[2]	21" Slim Lightbar ^[1] Position light, white and amber Spotlight 1FJ 359 100-201^[3] Spotlight, warning flash function 1FJ 359 100-211^[4]	37" Slim Lightbar Position light, white and amber Spotlight 1FJ 359 100-301
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ONLY OFFROAD

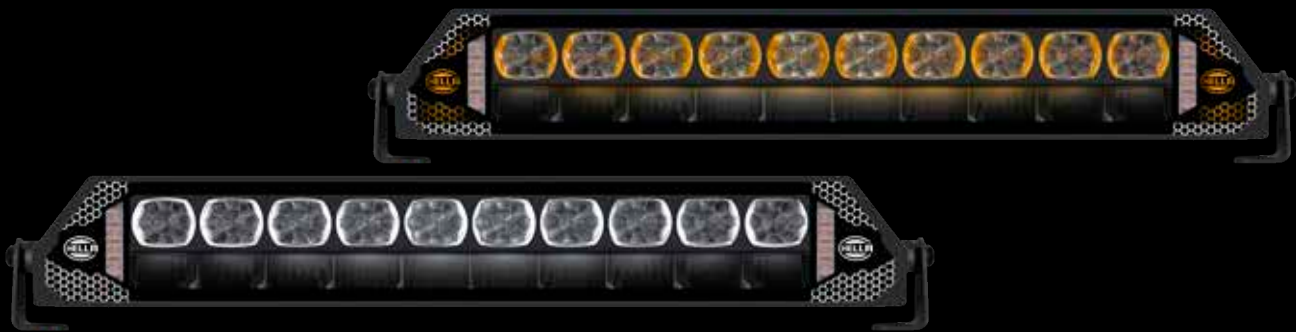
^[2] **Position light, red and amber**
Floodlight, warning flash function
1GF 359 100-021^[4]

^[2] **Position light, red and amber**
Floodlight, warning flash function
1GJ 359 100-251^[4]

Floodlight, warning flash function, heated cover lens
1GJ 359 100-261^[4]

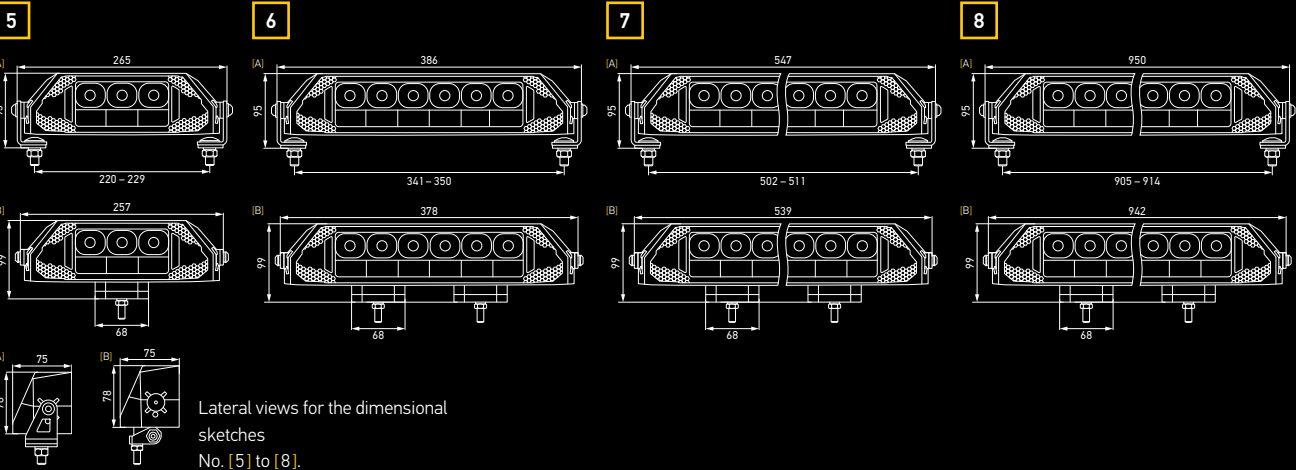


* Ambient temperature | ** Storage temperature | *** With connection option to the relevant control box (accessory), plus optional 500 mm cable with open ends



Rated power	ECE mode: 14.5 W High-boost mode: 38 W ^[1] or 37.7 W ^[2]	ECE mode: 23.4 W High-boost mode: 75 W	ECE mode: 21.5 W High-boost mode: 92 W	ECE mode: 19.1 W High-boost mode: 175 W
Light output (calculated)	3,300 lm	6,600 lm	11,000 lm	22,000 lm
Light output (effective)	ECE mode: 1,100 lm High-boost mode: 2,100 lm	ECE mode: 2,110 lm High-boost mode: 3,850 lm	ECE mode: 2,000 lm High-boost mode: 5,700 lm	ECE mode: 2,136 lm High-boost mode: 11,872 lm
Ref. no.	30	45	45	45
Light source	19 LEDs [3] or 25 LEDs [4], with LED position light (white and amber or amber and red), warning flash function (amber)	30 LEDs [1] or 40 LEDs [2], with LED position light (white and amber or amber and red), warning flash function (amber)	46 LEDs [1] or 54 LEDs [2], with LED position light (white and amber or amber and red), warning flash function (amber)	94 LEDs, with LED position light (white and amber or amber and red), warning flash function (amber)
Material	Housing: anodised aluminium	Housing: anodised aluminium	Housing: anodised aluminium	Housing: anodised aluminium
Approved	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65
EMC	CISPR 25 Class 5	CISPR 25 Class 5	CISPR 25 Class 5	CISPR 25 Class 3
Connection	DEUTSCH DT connector with1,500 mm cable***	DEUTSCH DT connector with1,500 mm cable***	DEUTSCH DT connector with1,500 mm cable***	DEUTSCH DT connector with1,500 mm cable***
Scope of delivery		1 x light bar with 1,500 mm cable (with connection option to the relevant control box), 2 x side brackets, mounting material, 2 x 500 mm cables with open ends		
Dimensional sketch	1 x rear brackets 5	2 x rear brackets 6	2 x rear brackets 7	4 x rear brackets 8

High-boost mode	10" Double Row Lightbar Position light, white and amber Spotlight 1FF 359 100-031^[1] Spotlight, warning flash function 1FF 359 100-041^[2]	15" Double Row Lightbar Position light, white and amber Spotlight 1FJ 359 100-121^[1] Spotlight, warning flash function 1FJ 359 100-131^[2] Spotlight, warning flash function, heated cover lens 1FJ 359 100-141^[2]	21.5" Double Row light bar Position light, white and amber Spotlight 1FJ 359 100-221^[1] Spotlight, warning flash function 1FJ 359 100-231^[2] Spotlight, warning flash function, heated cover lens 1FJ 359 100-241^[2]	37.5" Double Row light bar Position light, white and amber Spotlight, warning flash function 1FJ 359 100-311
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The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions). | Before connecting the hazard warning flash function, please check whether you belong to one of the groups who, in accordance with local legislation, are authorised to use hazard warning flashers in the installed direction.

DISCOVER NOW

THE BLACK MAGIC SERIES



BLACK MAGIC TOUGH PRO

Auxiliary lamps

[PAGE 16]

ECE-R149



BLACK MAGIC TOUGH

Auxiliary lamps

[PAGE 22]

ECE-R149



BLACK MAGIC TOUGH

Work lamps

[PAGE 30]



BLACK MAGIC EDGELESS PRO

Auxiliary lamps

[PAGE 36]

ECE-R149



BLACK MAGIC EDGELESS PRO MINI

Work lamps

Reverse lamps

[PAGE 40]

ECE-R148*



BLACK MAGIC EDGELESS CUBES AND LIGHT BARS

Work lamps

[PAGE 44]

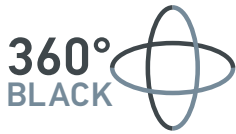


ROAD OR OFF-ROAD?

FROM TARMAC TO OFF-ROAD – LIGHT BARS FOR EVERY AREA OF USE

The HELLA Black Magic series offers customised lighting solutions for every kind of challenge – off-road and on the highway. The robust light bars are designed for extreme off-road use, while the variants with ECE road approval guarantee maximum safety on public roads. With its powerful light, robust design and state-of-the-art technology, the Black Magic series is the ideal companion for all those who do not wish to make any compromises when driving in the dark.

* Road approval only valid for reverse lamps.



BLACK MAGIC TOUGH PRO

The HELLA Black Magic Tough Pro offers maximum flexibility: the position light is available in white in accordance with ECE R148 for road traffic or in amber for off-road use. Various shapes such as a striking "O", a powerful "U" or a dynamic, inverted "U" blend in to suit each individual style. The visible light design on the outer frame of the light bar ensures an unmistakable presence on any road or terrain.

TECHNICAL DATA

12 V	24 V	5700	-30 – +65 °C	-40 – +85 °C
IP 68	IP 69K	ELECTROPHORESIS	PASSIVATION	ECE
EMC	PRP			

Rated power	ECE mode: 19 W to 138 W High-boost mode: 35 W to 278 W
Light output (calculated)	ECE mode: 2,096 lm to 15,700 lm High-boost mode: 3,223 lm to 24,300 lm
Light output (effective)	ECE mode: 1,031 lm to 6,100 lm High-boost mode: 1,651 lm to 12,410 lm
Ref. no.	20 to 50
Light source	9 LEDs up to 72 LEDs, with LED position light (white and amber or red), warning flash function (amber)
Material	Housing: aluminium with electrophoresis coating ^(A) White versions: passivation of the housing
Approved	ECE-R10 Position light, white and red: ECE R148 High beam: ECE R149 Warning flash function: ECE R65
EMC (Warning flash function)	CISPR 25 Class 3
Connection	ATP connector with 1,500 mm cable***
Scope of delivery	1 x light bar with 1,500 mm cable (with connection option to the relevant control box), 2 x side brackets, rear brackets (2 x or 4 x), mounting material, 2 x 500 mm cables with open ends

PART NUMBERS

1FG/1FJ/1GG/1GJ 358 550-...	Single Row Lightbar
1FE/1FG/1FJ/1GG 358 550-...	Double Row Lightbar
1FJ 358 550-...	Single Twin Lightbar
	Double Twin Lightbar

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions). | Before connecting the hazard warning flash function, please check whether you belong to one of the groups who, in accordance with local legislation, are authorised to use hazard warning flashers in the installed direction. | If the high-boost function for maximum light output is activated, approval for the road is no longer valid.

* Ambient temperature | ** Storage temperature | *** With connection option to the relevant control box (accessory), plus optional 500 mm cable with open ends



BLACK MAGIC TOUGH PRO



Rated power	ECE mode: 19 W ^[1] High-boost mode: 35 W	ECE mode: 38 W ^[1] High-boost mode: 68 W ^[1] or 76 W ^[2]	ECE mode: 27 W ^[1] or 22.8 W ^[2] High-boost mode: 46 W ^[1] or 45.36 W ^[2]	ECE mode: 30.4 W ^[1] High-boost mode: 60.5 W ^[1] or 69 W ^[2]
Light output (calculated)	ECE mode: 2,096 lm ^[1] High-boost mode: 3,223 lm	ECE mode: 4,890 lm ^[1] High-boost mode: 7,520 lm	ECE mode: 2,688 lm High-boost mode: 4,050 lm	ECE mode: 3,584 lm ^[1] High-boost mode: 5,400 lm
Light output (effective)	ECE mode: 1,031 lm ^[1] High-boost mode: 1,920 lm ^[1] or 1,651 lm ^[2]	ECE mode: 3,883 lm ^[1] High-boost mode: 2,200 lm ^[1] or 6,000 lm ^[2]	ECE mode: 1,435 lm High-boost mode: 2,477 lm	ECE mode: 2,044 lm ^[1] High-boost mode: 3,324 lm ^[1] or 3,018 lm ^[2]
Ref. no.	20 ^[1]	37.5 ^[1]	25	30 ^[1]
Light source	9 LEDs, with LED position light (white and amber or red and amber)	21 LEDs, with LED position light (white and amber or red and amber), warning flash function (amber)	12 LEDs, with LED position light (white and amber or red and amber), warning flash function (amber)	16 LEDs, with LED position light (white and amber or red and amber), warning flash function (amber)
Material	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating ^[A] White version: passivation of the housing	Housing: aluminium with electrophoresis coating
Approved	ECE R10, position light, white and red: ECE R148, high beam: ECE R149	ECE R10, position light, white and red: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white and red: ECE R148, high beam: ECE R149, warning flash function: ECE R65
EMC	CISPR 25 Class 3	CISPR 25 Class 3	CISPR 25 Class 3	CISPR 25 Class 3
Warning flash function				
Connection	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***
Scope of delivery	1 x light bar with 1,500 mm cable (with connection option to the relevant control box), 2 x side brackets, 2 x rear brackets, mounting material, 1 x 500 mm cable with open ends			
Dimensional sketch	1	2	3	4

High-boost mode	11" Single Row Lightbar Position light, white and amber High beam 1FG 358 550-201^[1]	22" Single Row Lightbar Position light, white and amber High beam 1FJ 358 550-211^[1]	9" Double Row Lightbar Position light, white and amber High beam 1FE 358 550-001^[1] High beam, white housing ^[A] 1FE 358 550-011^[2] High beam, warning flash function 1FE 358 550-021^[2]	11" Double Row Lightbar Position light, white and amber High beam 1FG 358 550-031^[1] High beam, warning flash function 1FG 358 550-041^[1]
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ONLY OFFROAD

Position light, amber and red
Floodlight
1GG 358 550-221^[2]

Position light, amber and red
Floodlight, warning flash function
1GJ 358 550-231^[2]

Position light, amber and red
Floodlight, warning flash function
1GG 358 550-151^[2]

1

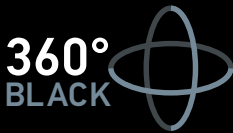
2

3

4

Lateral view for the dimensional sketches
No. [1] to [2].

* Ambient temperature | ** Storage temperature | *** With connection option to the relevant control box (accessory), plus optional 500 mm cable with open ends



Rated power	ECE mode: 44 W ^[1] or 41 W ^[2] High-boost mode: 95 W ^[1] , 68 W ^[2] or 93 W ^[3]	ECE mode: 76 W High-boost mode: 140 W ^[1] or 142 W ^[2]	ECE mode: 116 W High-boost mode: 187 W	ECE mode: 138 W High-boost mode: 278 W
Light output (calculated)	ECE mode: 5,376 lm ^[1,2] High-boost mode: 7,800 lm	ECE mode: 8,720 lm High-boost mode: 13,513 lm	ECE mode: 10,465 lm High-boost mode: 16,216 lm	ECE mode: 15,700 lm High-boost mode: 24,300 lm
Light output (effective)	ECE mode: 2,282 lm ^[1] or 2,100 lm ^[2] High-boost mode: 4,982 lm ^[1] , 4,800 lm ^[2] or 4,233 lm ^[3]	ECE mode: 4,000 lm ^[1] or 3,800 lm ^[2] High-boost mode: 7,250 lm ^[1] or 7,000 lm ^[2]	ECE mode: 5,545 lm High-boost mode: 8,930 lm	ECE mode: 6,100 lm High-boost mode: 12,410 lm
Ref. no.	40 ^[1,2]	45	45	50
Light source	24 LEDs, with LED position light (white and amber or red and amber), warning flash function (amber)	40 LEDs, with LED position light (white and amber or red and amber), warning flash function (amber)	48 LEDs, with LED position light (white and amber and red and amber), warning flash function (amber)	72 LEDs, with LED position light (white and amber or red and amber), warning flash function (amber)
Material	Housing: aluminium with electrophoresis coating ^[A] White version: passivation of the housing	Housing: aluminium with electrophoresis coating ^[A] White version: passivation of the housing	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating
Approved	ECE R10, position light, white and red: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65	ECE R10, position light, white: ECE R148, high beam: ECE R149, warning flash function: ECE R65
EMC	CISPR 25 Class 3	CISPR 25 Class 3	CISPR 25 Class 3	CISPR 25 Class 3
Warning flash function				
Connection	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***
Scope of delivery	1 x light bar with 1,500 mm cable (with connection option to the relevant control box), 2 x side brackets, mounting material, 1 x 500 mm cable with open ends			
Dimensional sketch	5	6	7	8

High-boost mode	15" Double Row Lightbar Position light, white and amber High beam 1FJ 358 550-051^[1] High beam, white housing ^[A] 1FJ 358 550-061^[1] High beam, warning flash function 1FJ 358 550-071^[1] High beam, warning flash function, heated cover lens 1FJ 358 550-301^[2]	21" Double Row Lightbar Position light, white and amber High beam 1FJ 358 550-081^[1] High beam, white housing ^[A] 1FJ 358 550-091^[1] High beam, warning flash function 1FJ 358 550-101^[1] High beam, warning flash function, heated cover lens 1FJ 358 550-311^[2]	27" Double Row Lightbar Position light, white and amber High beam 1FJ 358 550-111 High beam, warning flash function 1FJ 358 550-121	39" Double Row Lightbar Position light, white and amber High beam 1FJ 358 550-131 High beam, warning flash function 1FJ 358 550-141
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ONLY OFFROAD

Position light, amber and red
Floodlight, warning flash function, heated cover lens
1GJ 358 550-321^[3]

5

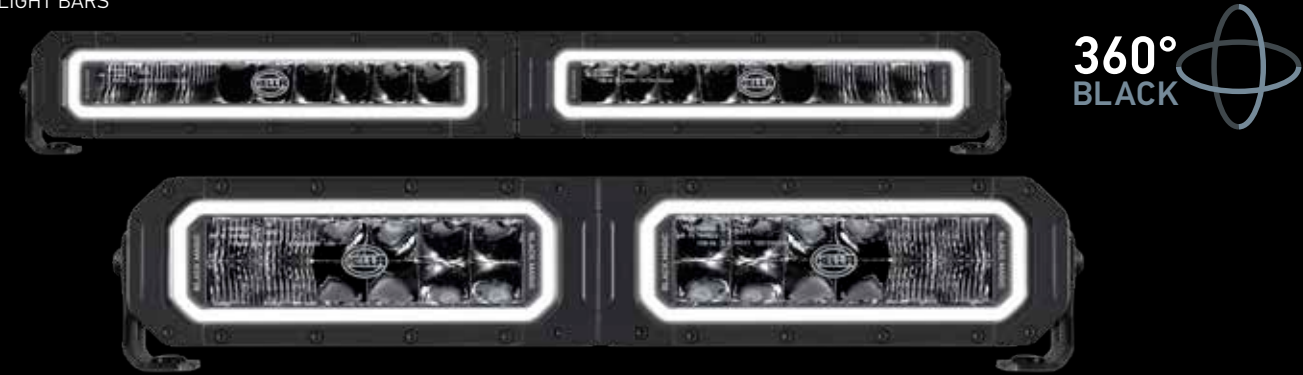
6

7

8

Lateral view for the dimensional sketches
No. [3] to [8].

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions). | Before connecting the hazard warning flash function, please check whether you are belong to one of the groups who are authorised to use hazard warning flashers in the installed direction in accordance with local legislation.



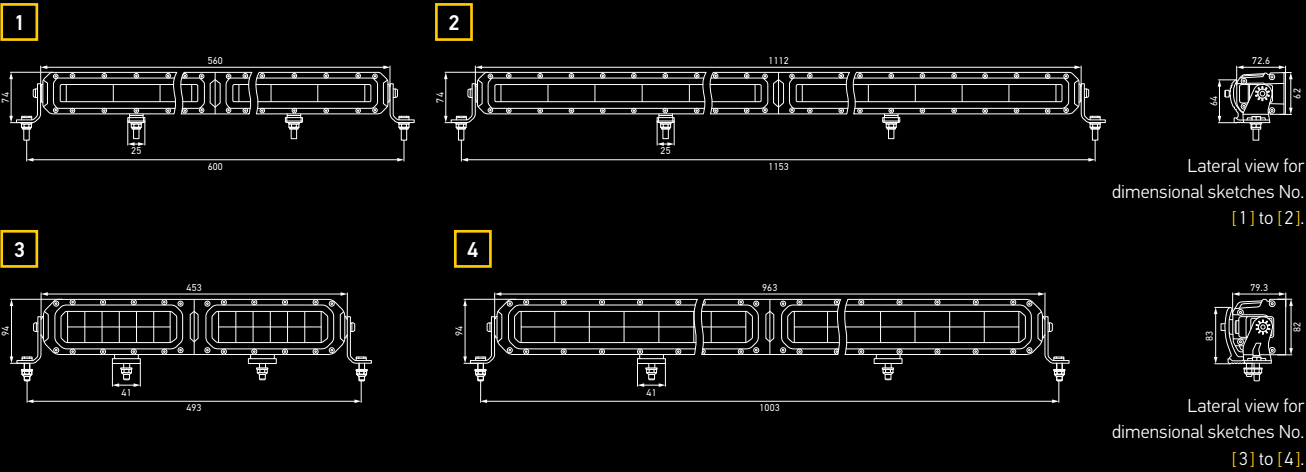
360°
BLACK

THE NEW DOUBLE LAMP: BLACK MAGIC TOUGH PRO TWIN



Rated power	ECE mode: 34 W High-boost mode: 68 W	ECE mode: 95.6 W High-boost mode: 192 W	ECE mode: 39 W High-boost mode: 94 W	ECE mode: 127 W High-boost mode: 275 W
Light output (calculated)	ECE mode: 4,100 lm High-boost mode: 6,500 lm	ECE mode: 9,780 lm High-boost mode: 15,040 lm	ECE mode: 4,750 lm High-boost mode: 7,850 lm	ECE mode: 9,850 lm High-boost mode: 16,250 lm
Light output (effective)	ECE mode: 1,537 lm High-boost mode: 3,020 lm	ECE mode: 2,574 lm High-boost mode: 6,004 lm	ECE mode: 1,800 lm High-boost mode: 4,400 lm	ECE mode: 4,660 lm High-boost mode: 10,515 lm
Ref. no.	20 + 20	25 + 25	20 + 20	25 + 25
Light source	18 LEDs, with LED position light (white and amber)	42 LEDs, with LED position light (white and amber)	24 LEDs, with LED position light (white and amber)	64 LEDs, with LED position light (white and amber)
Design	2 auxiliary lamps in 1 housing	2 auxiliary lamps in 1 housing	2 auxiliary lamps in 1 housing	2 auxiliary lamps in 1 housing
Material	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating
Approved	ECE R10, position light, white: ECE R148, high beam: ECE R149	ECE R10, position light, white: ECE R148, high beam: ECE R149	ECE R10, position light, white: ECE R148, high beam: ECE R149	ECE R10, position light, white: ECE R148, high beam: ECE R149
EMC	CISPR 25 Class 3	CISPR 25 Class 3	CISPR 25 Class 3	CISPR 25 Class 3
Connection	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***	ATP connector with 1,500 mm cable***
Scope of delivery	1 x light bar with 1,500 mm cable (with connection option to the relevant control box), 2 x side brackets, mounting material, 1 x 500 mm cable with open ends			
Dimensional sketch	2 x rear brackets 1	2 x rear brackets 2	2 x rear brackets 3	4 x rear brackets 4

High-boost mode	22" Single Twin Lightbar Position light, white and amber High beam 1FJ 358 550-401	44" Single Twin Lightbar Position light, white and amber High beam 1FJ 358 550-411	18" Double Twin Lightbar Position light, white and amber High beam 1FJ 358 550-421	38" Double Twin Lightbar Position light, white and amber High beam 1FJ 358 550-431
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A NEW ERA OF LIGHTING WITH OUR
LED LIGHT BAR SERIES

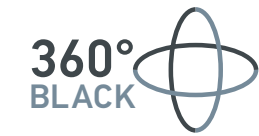
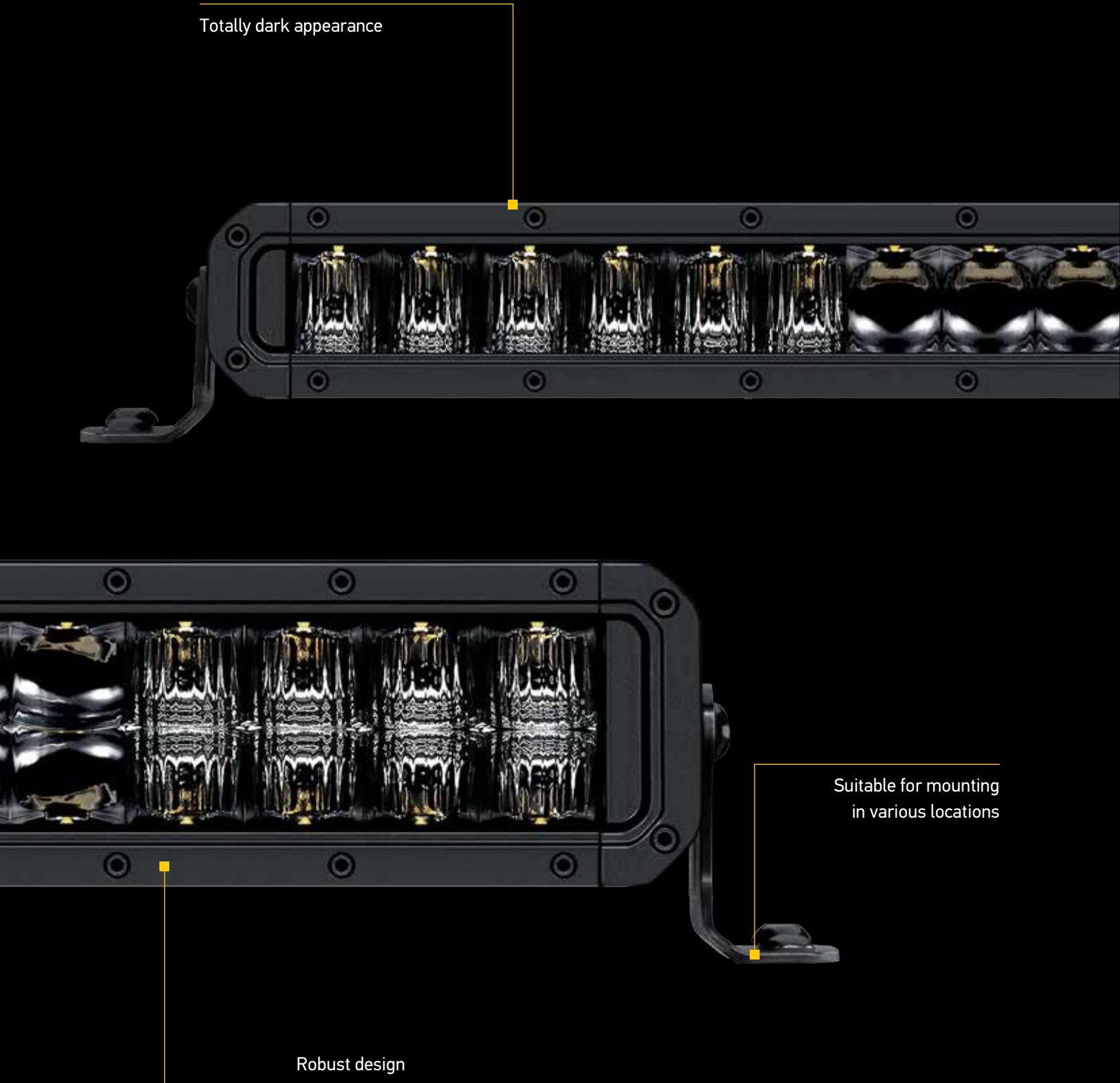


BLACK MAGIC TOUGH PRO AND DYNARAY

These series offer not only outstanding light output, but they also set new standards when it comes to housing quality. The high-boost reflector technology achieves an impressive light intensity of 1 lux at up to 1468 m – for optimum visibility and maximum safety, even in the toughest conditions.

The uncomplicated and safe installation and also the simple connection using the DT connector make it possible to benefit from this advanced kind of lighting quickly and effortlessly. And as with all our products, here too, you can depend on HELLA quality – for maximum reliability and durability.

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions).
* Ambient temperature | ** Storage temperature | *** With connection option to the relevant control box (accessory), plus optional 500 mm cable with open ends



ECE-R149

BLACK MAGIC TOUGH

The HELLA Black Magic ECE light bars offer a powerful high beam with up to 9,200 effective lumens, ideal for off-road applications and trucks that require excellent lighting. Both the slim and also the double light bars are characterised by their robust and completely black design, which immediately makes them highly recognisable. The product fulfils the highest standards in terms of dust and water resistance. The extra-long, 2 m cable makes mounting on the vehicle much easier.

TECHNICAL DATA				
12 V	24 V	5700	IP 68	IP 69K
ELECTROPHORESIS	ECE	EMC	PRP	

Rated power	28 W to 185 W
Light output (calculated)	5,040 lm to 33,600 lm
Light output (effective)	2,100 lm to 9,720 lm
Ref. no.	30 to 50
Light source	12 to 80 LEDs
Material	Housing: aluminium with electrophoresis coating
Approved	ECE-R10, ECE-R149
Connection	2,000 mm cable

PART NUMBERS

1FJ 358 196-...	Slim Lightbar
	Double Lightbar
	Double Lightbar Mini

ACCESSORIES



BRACKET SET

For Slim light bars Black Magic Tough
Set: 2 pcs
8HG 358 176-371



BRACKET SET

For Double light bars Black Magic Tough
Set: 2 pcs
8HG 358 176-381



360°
BLACK

BLACK MAGIC TOUGH

TOUGH DESIGN ON
THE ROAD AND OFF-ROAD.



Rated power	51 W	79 W	102 W	92 W
Light output (calculated)	8,820 lm	13,860 lm	17,640 lm	16,800 lm
Light output (effective)	3,910 lm	5,410 lm	6,815 lm	5,500 lm
Ref. no.	50	50	50	45
Light source	21 LEDs	33 LEDs	42 LEDs	40 LEDs
Material	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating
Approved	ECE-R10, ECE-R149	ECE-R10, ECE-R149	ECE-R10, ECE-R149	ECE-R10, ECE-R149
Connection	2,000 mm cable	2,000 mm cable	2,000 mm cable	2,000 mm cable
Dimensional sketch	1	2	3	4

20" Slim Lightbar
1FJ 358 196-301

32" Slim Lightbar
1FJ 358 196-311

40" Slim Lightbar
1FJ 358 196-321

21.5" Double light bar
1FJ 358 196-401

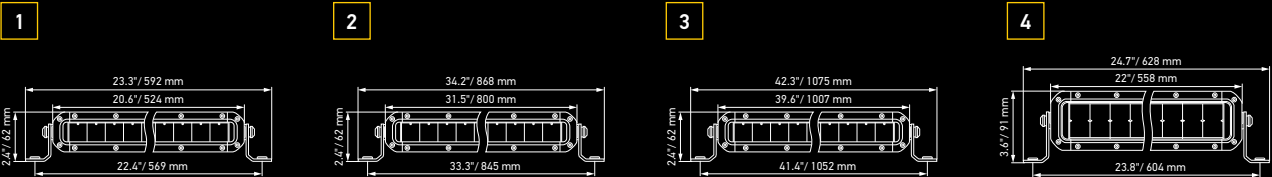
Rated power	135 W	185 W	28 W	55 W
Light output (calculated)	25,200 lm	33,600 lm	5,040 lm	10,080 lm
Light output (effective)	7,900 lm	9,720 lm	2,100 lm	3,800 lm
Ref. no.	45	50	30	40
Light source	60 LEDs	80 LEDs	12 LEDs	24 LEDs
Material	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating
Approved	ECE-R10, ECE-R149	ECE-R10, ECE-R149	ECE-R10, ECE-R149	ECE-R10, ECE-R149
Connection	2,000 mm cable	2,000 mm cable	2,000 mm cable	2,000 mm cable
Dimensional sketch	5	6	7	8

30" Double Lightbar
1FJ 358 196-411

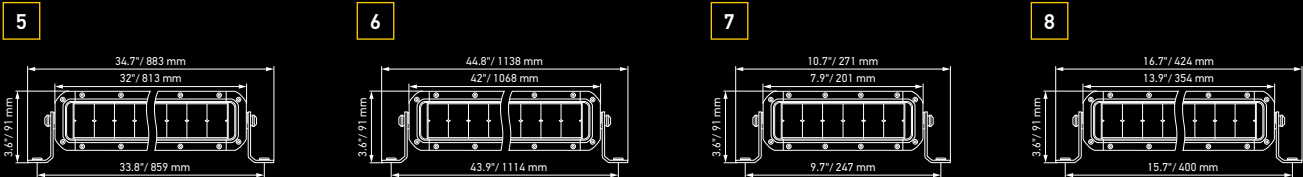
40" Double Lightbar
1FJ 358 196-421

7" Double light bar Mini
1FJ 358 196-451

13" Double light bar Mini
1FJ 358 196-461



Lateral view for the dimensional sketches
No. [1] to [3].



Lateral view for the dimensional sketches
No. [4] to [8].



BLACK MAGIC TOUGH CURVED



Rated power	51 W	81 W	102 W
Light output (calculated)	8,820 lm	13,860 lm	17,640 lm
Light output (effective)	3,910 lm	5,410 lm	6,800 lm
Ref. no.	45	50	50
Light source	21 LEDs	33 LEDs	42 LEDs
Material	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating
Approved	ECE-R10, ECE-R149	ECE-R10, ECE-R149	ECE-R10, ECE-R149
Connection	2,000 mm cable	2,000 mm cable	2,000 mm cable
Dimensional sketch	1	2	3

20" Slim Lightbar
1FJ 358 196-501

32" Slim Lightbar
1FJ 358 196-511

40" Slim Lightbar
1FJ 358 196-521

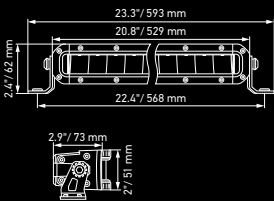
Rated power	91 W	134 W	186 W
Light output (calculated)	16,800 lm	25,200 lm	33,600 lm
Light output (effective)	5,880 lm	7,900 lm	9,222 lm
Ref. no.	45	40	45
Light source	40 LEDs	60 LEDs	80 LEDs
Material	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating	Housing: aluminium with electrophoresis coating
Approved	ECE-R10, ECE-R149	ECE-R10, ECE-R149	ECE-R10, ECE-R149
Connection	2,000 mm cable	2,000 mm cable	2,000 mm cable
Dimensional sketch	4	5	6

21.5" Double light bar
1FJ 358 196-601

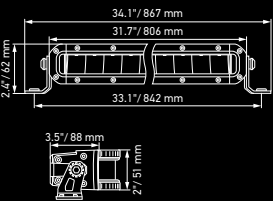
30" Double Lightbar
1FJ 358 196-611

40" Double Lightbar
1FJ 358 196-621

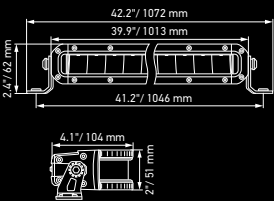
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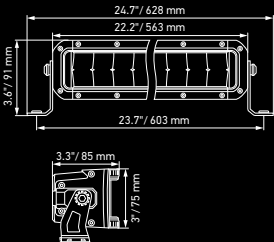
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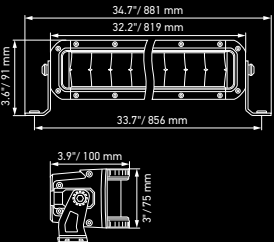
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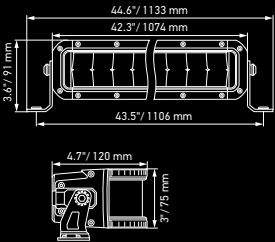
4



5



6



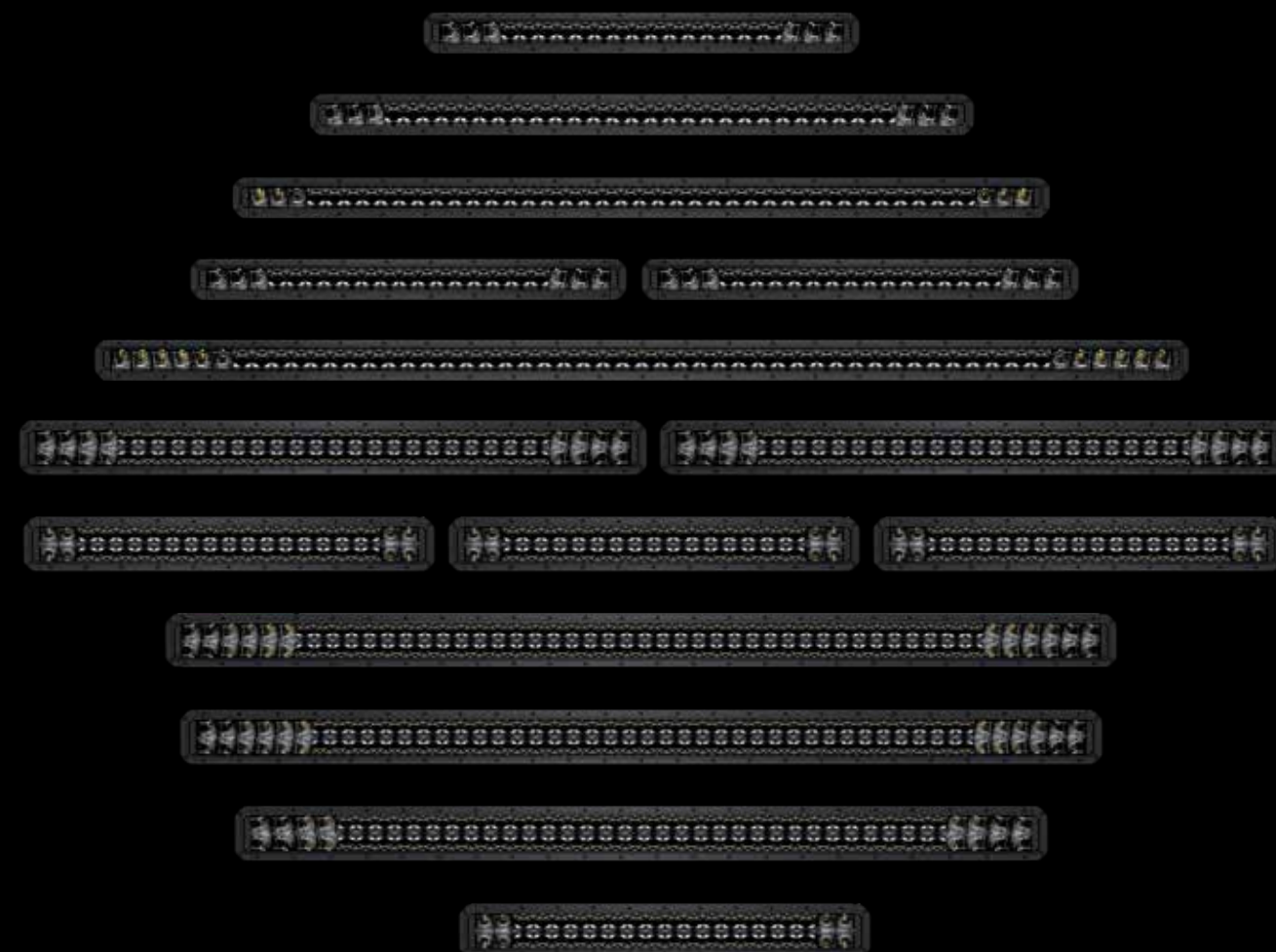


A PERFECT SWEEP. FAR-REACHING LIGHT

**REALLY STURDY. TRULY ELEGANT.
AND ALL THIS AT THE SAME TIME...**

This is when every vehicle starts to glisten: with our "curved" variants. They enable an even wider light diffusion without any loss of stability. And they look pretty cool, too. With their unique appearance, they give every vehicle the ultimate look of extravagance and class at the same time.

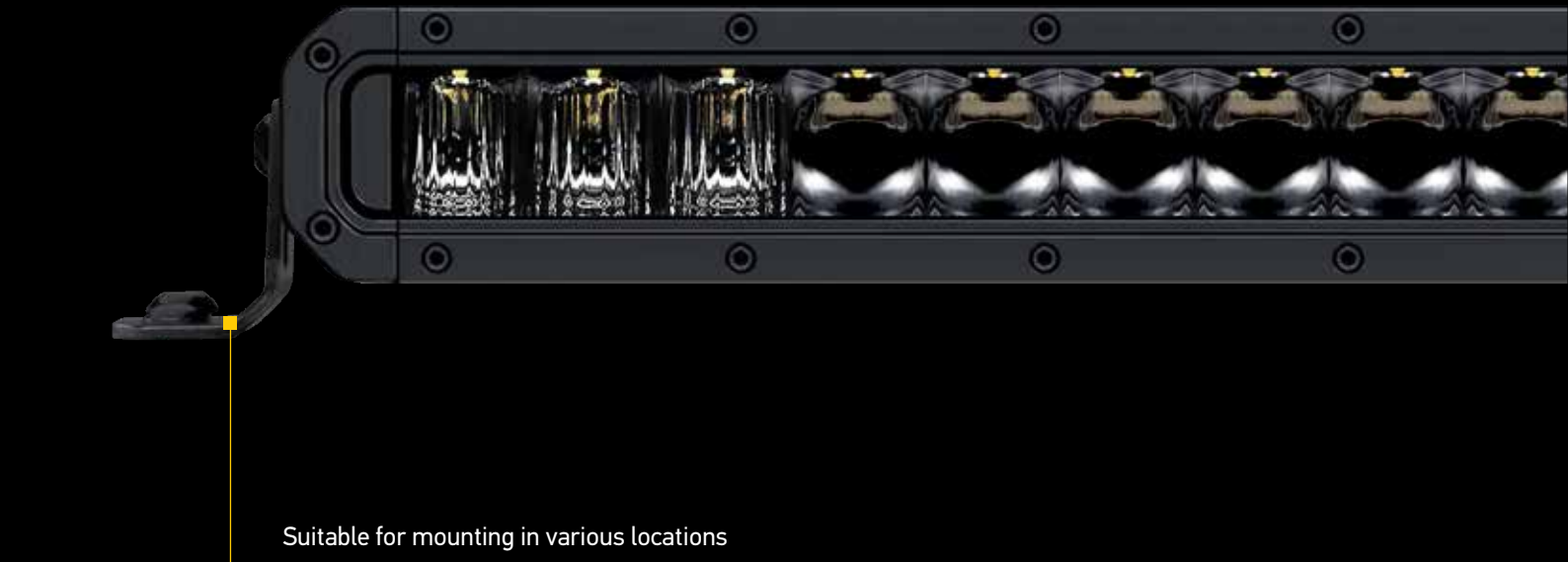
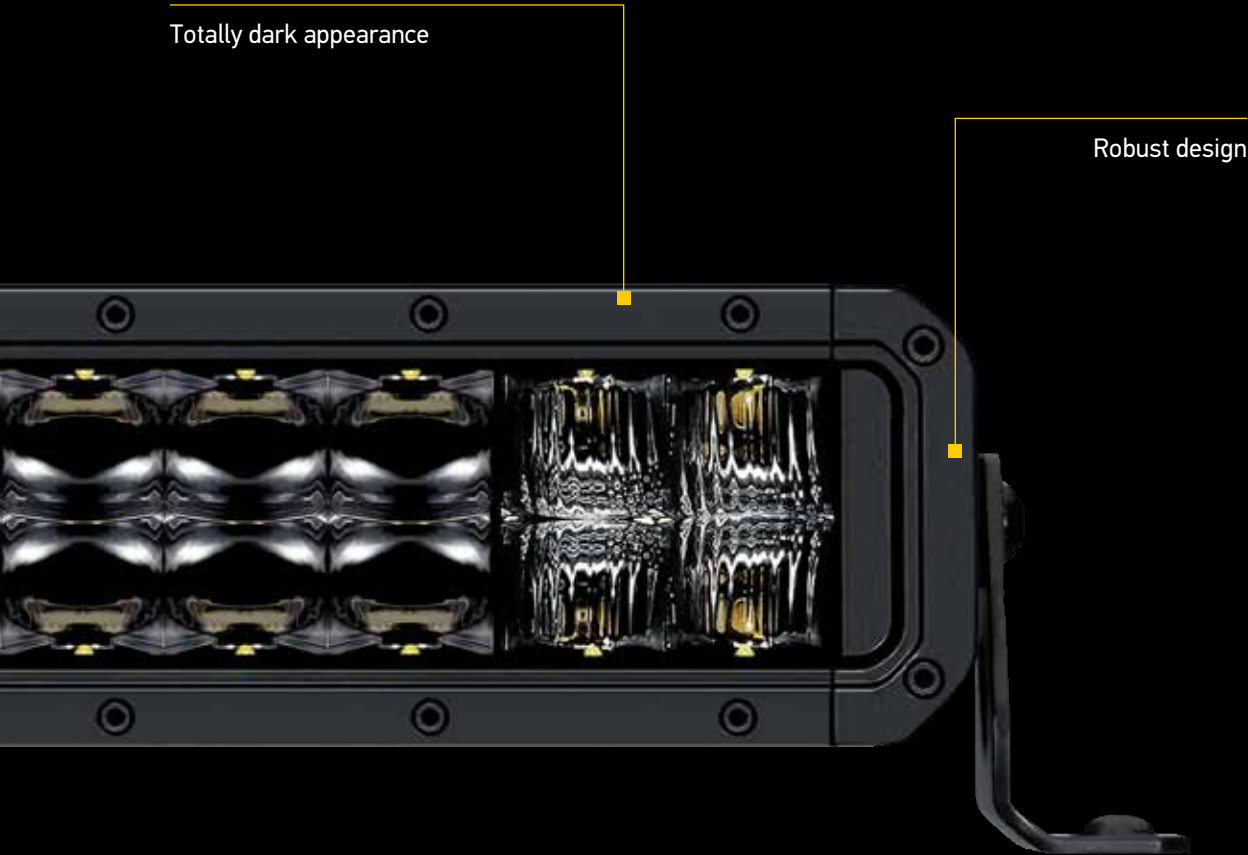
STRONG ON EVERY KIND OF ROAD, AND EVEN WHEN THEY'RE OFF THE BEATEN TRACK.



**WHETHER YOU USE JUST ONE OR SEVERAL –
BLACK MAGIC IS THE RIGHT CHOICE FOR EVERY
SITUATION.**

The 18 different light bars for off-road use are available starting from a length of 20 inches. The choice is wide, the uses so diverse: because they can be combined with one another in any way – even with the ECE-approved variants.

So you only have limited space left on your pick-up or off-road vehicle? Not a problem! Then go for our 7-inch and 13-inch variants from the Road range.



BLACK MAGIC TOUGH

The HELLA Black Magic off-road light bars are powerful off-road lamps that generate up to 20,000 effective lumens. They are ideal for off-road situations where optimum lighting is required. The slimline and also the double light bars are characterised by their stylish, robust design in all-black, therefore offering a high recognition value.

TECHNICAL DATA					
					
12 V	24 V	5700	IP 68	IP 69K	
					
ELECTROPHORESIS	ECE	EMC	PRP		
Rated power					107 W to 546 W
Light output (calculated)					8,820 lm to 42,000 lm
Light output (effective)					6,000 lm to 20,000 lm
Light source					21 to 100 LEDs
Material					Housing: aluminium with electrophoresis coating Cover lens: PC (polycarbonate)
Approved					ECE-R10
Mounting					Upright and pendant
Connection					2,000 mm cable with open ends

PART NUMBERS	
1GJ 358 197-...	Slim Lightbar Double Lightbar

ACCESSORIES



BRACKET SET
For Slim light bars Black Magic Tough
Set: 2 pcs
8HG 358 176-371

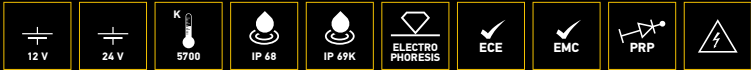


BRACKET SET
For Double light bars Black Magic Tough
Set: 2 pcs
8HG 358 176-381



360°
BLACK

BLACK MAGIC TOUGH



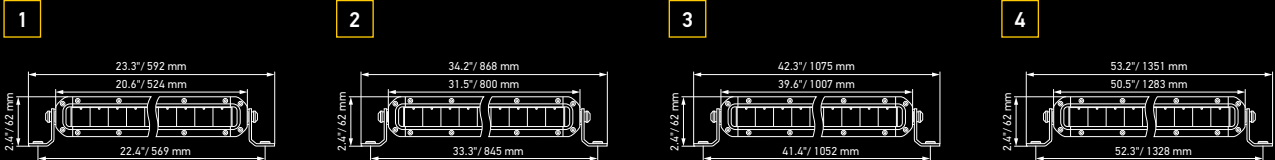
Rated power	107 W	184 W	239 W	277 W
Light output (calculated)	8,820 lm	13,860 lm	17,640 lm	22,680 lm
Light output (effective)	6,000 lm	9,000 lm	12,000 lm	15,000 lm
Light source	21 LEDs	33 LEDs	42 LEDs	54 LEDs
Material	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10	ECE-R10	ECE-R10	ECE-R10
Mounting	Upright and pendant	Upright and pendant	Upright and pendant	Upright and pendant
Connection	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends
Dimensional sketch	1	2	3	4

20" Slim Lightbar
1GJ 358 197-301

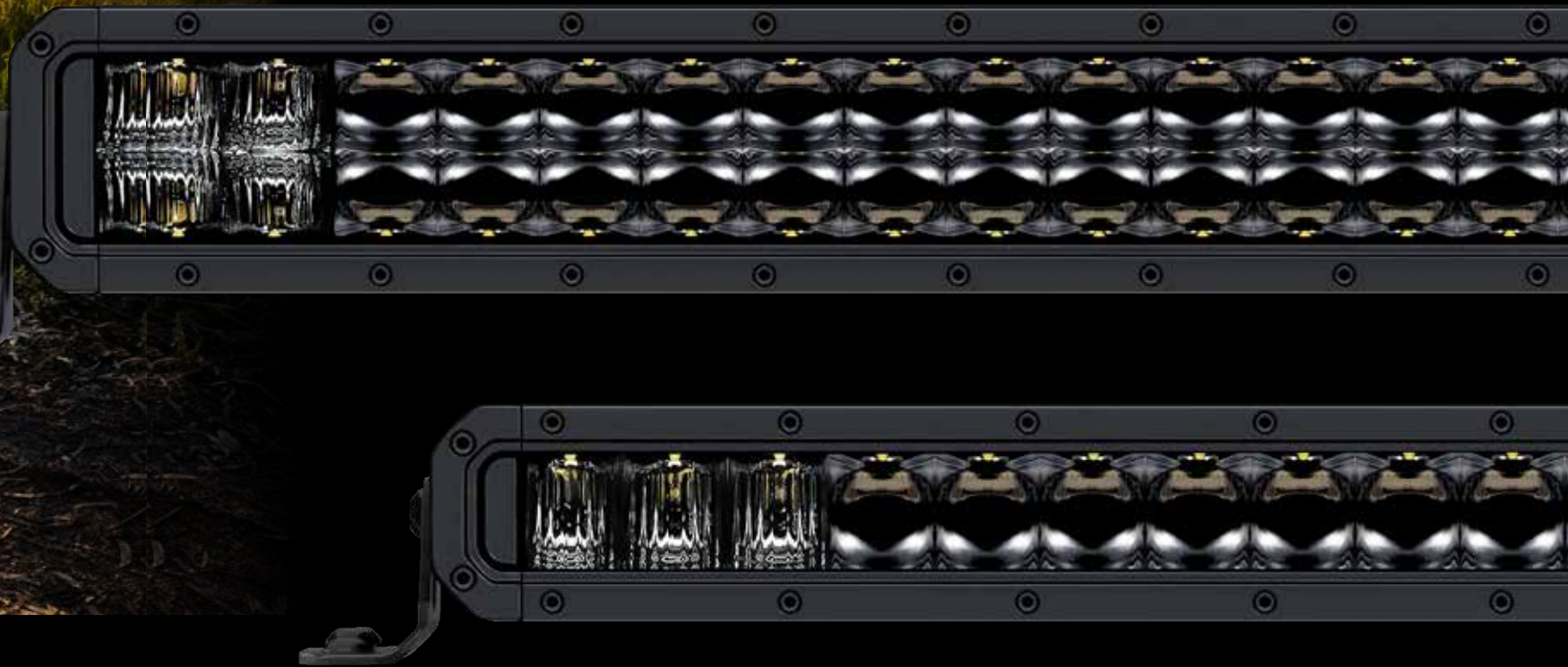
32" Slim Lightbar
1GJ 358 197-311

40" Slim Lightbar
1GJ 358 197-321

50" Slim Lightbar
1GJ 358 197-331



Lateral view for the dimensional sketches
No. [1] to [4].



TOUGH DESIGN
FOR OFF-ROAD

Rated power	215 W	310 W	439 W	504 W	546 W
Light output (calculated)	16,800 lm	25,200 lm	33,600 lm	40,320 lm	42,000 lm
Light output (effective)	11,000 lm	13,500 lm	16,000 lm	19,600 lm	20,000 lm
Light source	40 LEDs	60 LEDs	80 LEDs	96 LEDs	100 LEDs
Material	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10	ECE-R10	ECE-R10	ECE-R10	ECE-R10
Mounting	Upright and pendant	Upright and pendant	Upright and pendant	Upright and pendant	Upright and pendant
Connection	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends
Dimensional sketch	5	6	7	8	9

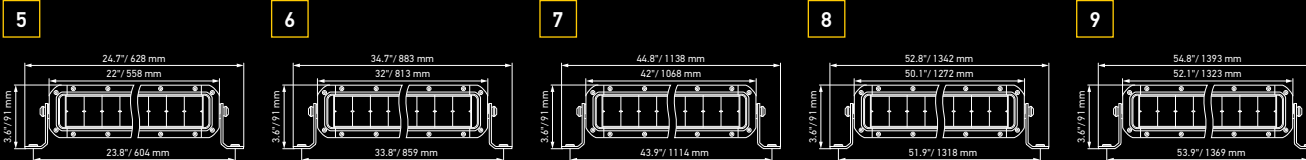
21.5" Double Lightbar
1GJ 358 197-401

30" Double Lightbar
1GJ 358 197-411

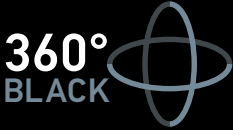
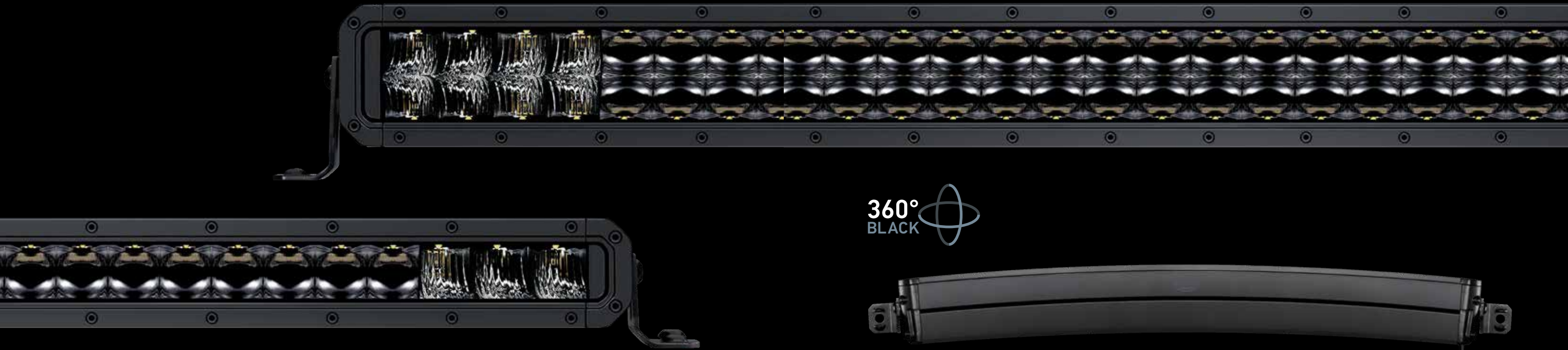
40" Double Lightbar
1GJ 358 197-421

50" Double Lightbar
1GJ 358 197-431

52" Double Lightbar
1GJ 358 197-441



Lateral view for the dimensional sketches
No. [5] to [9].



Top view

BLACK MAGIC TOUGH CURVED



Rated power	104 W	184 W	222 W	278 W
Light output (calculated)	8,820 lm	13,860 lm	17,640 lm	22,680 lm
Light output (effective)	6,000 lm	9,000 lm	12,000 lm	15,000 lm
Light source	21 LEDs	33 LEDs	42 LEDs	54 LEDs
Material	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10	ECE-R10	ECE-R10	ECE-R10
Mounting	Upright and pendant	Upright and pendant	Upright and pendant	Upright and pendant
Connection	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends
Dimensional sketch	1	2	3	4

20" Slim Lightbar
1GJ 358 197-501

32" Slim Lightbar
1GJ 358 197-511

40" Slim Lightbar
1GJ 358 197-521

50" Slim Lightbar
1GJ 358 197-531

Rated power	212 W	310 W	426 W	495 W	500 W
Light output (calculated)	16,800 lm	25,200 lm	33,600 lm	40,320 lm	42,000 lm
Light output (effective)	11,000 lm	13,500 lm	16,000 lm	19,600 lm	20,000 lm
Light source	40 LEDs	60 LEDs	80 LEDs	96 LEDs	100 LEDs
Material	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10	ECE-R10	ECE-R10	ECE-R10	ECE-R10
Mounting	Upright and pendant	Upright and pendant	Upright and pendant	Upright and pendant	Upright and pendant
Connection	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends
Dimensional sketch	5	6	7	8	9

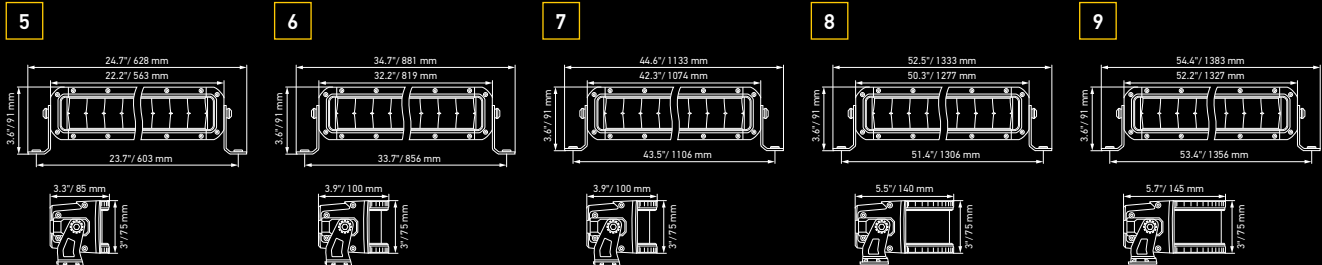
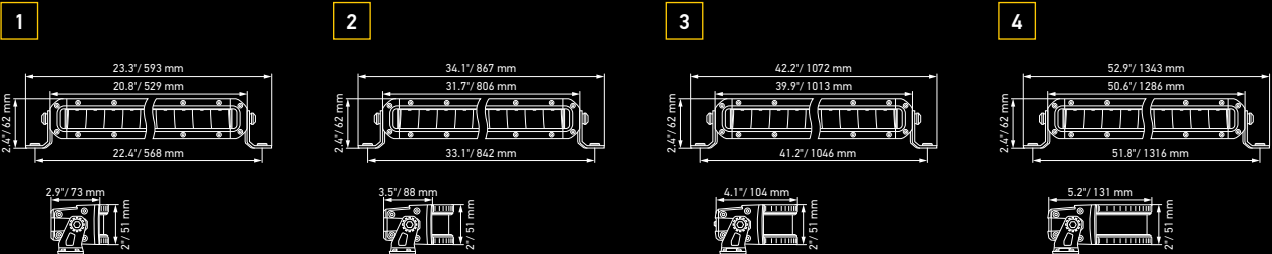
21.5" Double Lightbar
1GJ 358 197-601

30" Double Lightbar
1GJ 358 197-611

40" Double Lightbar
1GJ 358 197-621

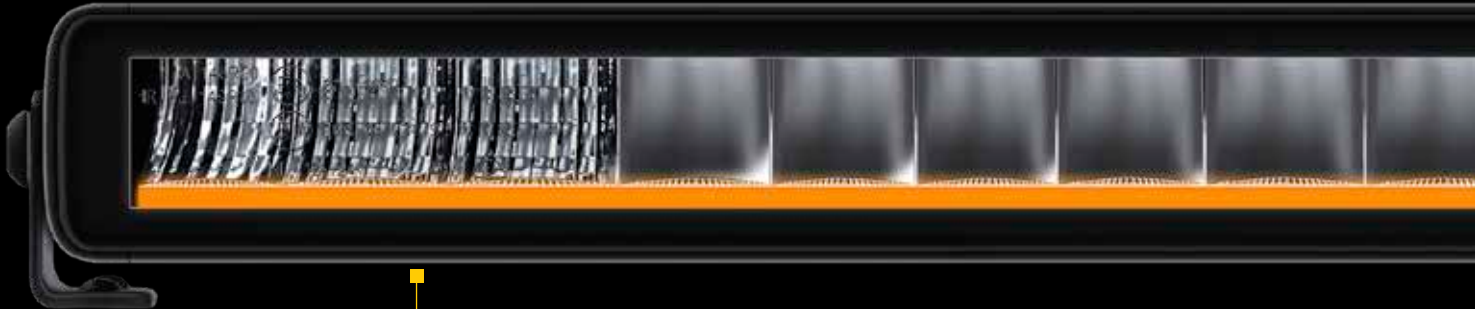
50" Double Lightbar
1GJ 358 197-631

52" Double Lightbar
1GJ 358 197-641

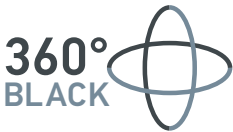


Position light in white and amber with innovative welcome and goodbye light

High-boost function for maximum light performance



Housing with electrophoresis coating for optimised corrosion protection



BLACK MAGIC
EDGELESS PRO

The HELLA Black Magic Edgeless Pro sets new standards in terms of functionality and design. With the high-boost function, it ensures optimum visibility and enhances the safety factor. The edgeless housing made using electrophoresis technology offers improved corrosion resistance and guarantees durability under challenging conditions. The Black Magic Edgeless Pro also scores an additional plus point with its versatile position light, which can be white or amber. And it boasts an innovative welcome and goodbye light that creates a state-of-the-art and indeed unique driving experience.

TECHNICAL DATA

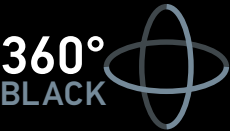
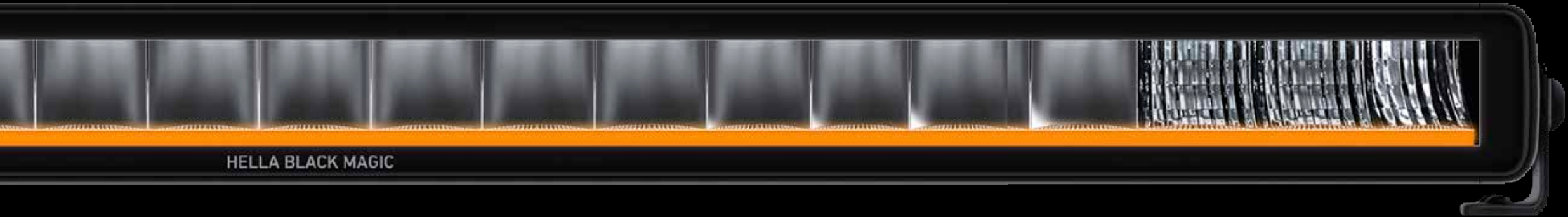
Rated power	ECE mode: 47 W to 134 W High-boost mode: 83 W to 226 W
Light output (calculated)	ECE mode: 5,290 lm to 11,600 lm High-boost mode: 8,820 lm to 19,332 lm
Light output (effective)	ECE mode: 3,730 lm to 7,576 lm High-boost mode: 6,332 lm to 12,942 lm
Ref. no.	45 or 50
Light source	21 LEDs up to 54 LEDs, with LED position light (white and amber)
Material	Housing: aluminium with electrophoresis coating Cover lens: PC (polycarbonate)
Approved	ECE-R10 Position light, white: ECE R148 High beam: ECE R149
Mounting	Side and centre mounting brackets
Connection	2,000 mm cable with open ends
Scope of delivery	1 x light bar with 2,000 mm cable with open ends, 2 x side brackets, 2 x rear brackets, mounting material

PART NUMBERS

1FJ 358 236-...	Black Magic Edgeless Pro
1FJ 358 236-041	Black Magic Edgeless Pro Double

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions). | If the high-boost function for maximum light output is activated, approval for the road is no longer valid.

* Ambient temperature | ** Storage temperature



BLACK MAGIC EDGELESS PRO



Rated power	ECE mode: 47 W High-boost mode: 83 W	ECE mode: 77 W High-boost mode: 133 W	ECE mode: 100 W High-boost mode: 174 W
Light output (calculated)	ECE mode: 5,290 lm High-boost mode: 8,820 lm	ECE mode: 8,316 lm High-boost mode: 13,860 lm	ECE mode: 10,584 lm High-boost mode: 17,640 lm
Light output (effective)	ECE mode: 3,730 lm High-boost mode: 6,332 lm	ECE mode: 5,417 lm High-boost mode: 9,181 lm	ECE mode: 6,508 lm High-boost mode: 11,140 lm
Ref. no.	50	50	45
Light source	21 LEDs, with LED position light (white and amber)	33 LEDs, with LED position light (white and amber)	42 LEDs, with LED position light (white and amber)
Material	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10 Position light, white: ECE R148 High beam: ECE R149	ECE-R10 Position light, white: ECE R148 High beam: ECE R149	ECE-R10 Position light, white: ECE R148 High beam: ECE R149
Mounting	Side and centre mounting brackets	Side and centre mounting brackets	Side and centre mounting brackets
Connection	2,000 mm cable with open ends	2,000 mm cable with open ends	2,000 mm cable with open ends
Scope of delivery	1 x light bar with 2,000 mm cable with open ends, 2 x side brackets, 2 x rear brackets, mounting material		

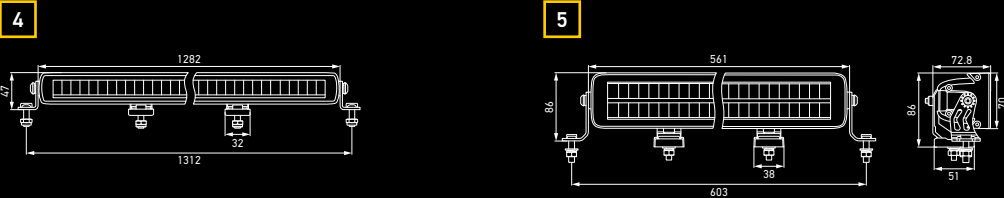
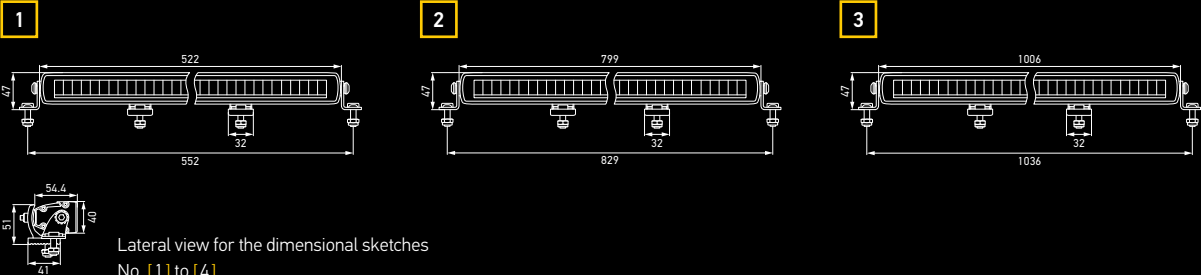
Dimensional sketch	1	2	3
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High-boost mode	20" Black Magic Edgeless Pro Position light, white and amber High beam 1FJ 358 236-001	32" Black Magic Edgeless Pro Position light, white and amber High beam 1FJ 358 236-011	40" Black Magic Edgeless Pro Position light, white and amber High beam 1FJ 358 236-021
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Rated power	ECE mode: 134 W High-boost mode: 226 W	ECE mode: 74 W High-boost mode: 162 W
Light output (calculated)	ECE mode: 11,600 lm High-boost mode: 19,332 lm	ECE mode: 8,400 lm High-boost mode: 16,800 lm
Light output (effective)	ECE mode: 7,576 lm High-boost mode: 12,942 lm	ECE mode: 4,870 lm High-boost mode: 10,246 lm
Ref. no.	50	50
Light source	54 LEDs, with LED position light (white and amber)	40 LEDs, with LED position light (white and amber)
Material	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10 Position light, white: ECE R148 High beam: ECE R149	ECE-R10 Position light, white: ECE R148 High beam: ECE R149
Mounting	Side and centre mounting brackets	Side and centre mounting brackets
Connection	2,000 mm cable with open ends	2,000 mm cable with open ends
Scope of delivery	1 x light bar with 2,000 mm cable with open ends, 2 x side brackets, 2 x rear brackets, mounting material	

Dimensional sketch	4	5
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High-boost mode	50" Black Magic Edgeless Pro Position light, white and amber High beam 1FJ 358 236-031	21.5" Black Magic Edgeless Pro Double Position light, white and amber High beam 1FJ 358 236-041
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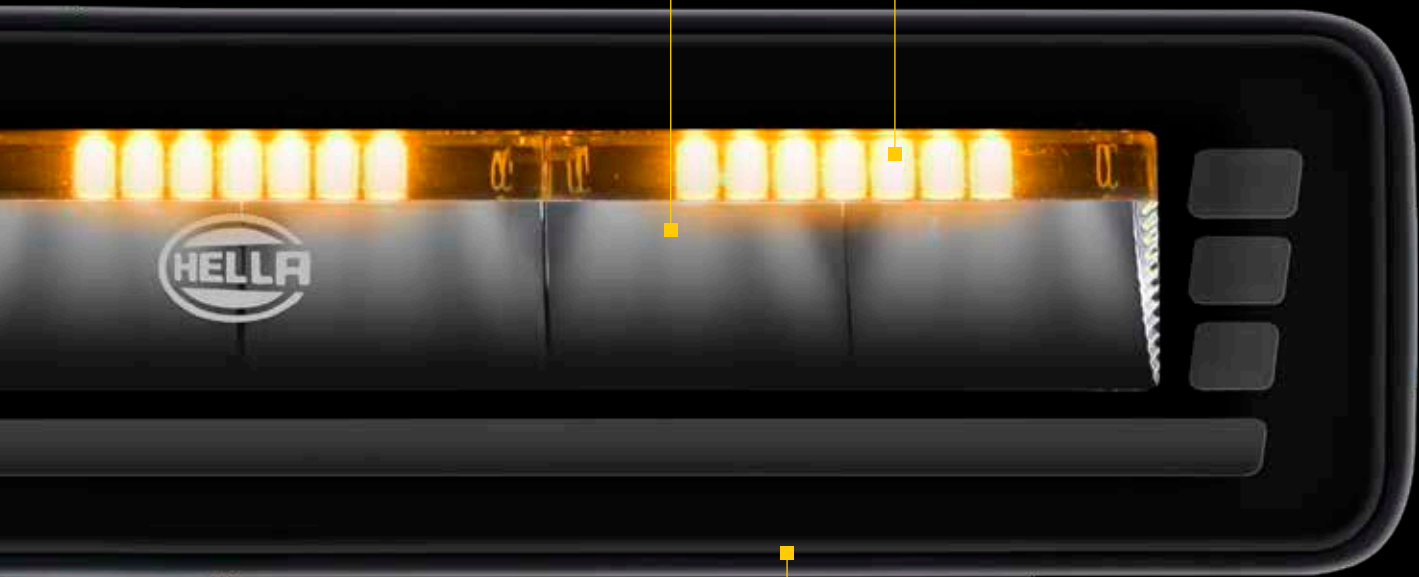


* Ambient temperature | ** Storage temperature

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions).

Indirect reflector design with powerful homogeneous illumination

Warning flash function with ECE flash mode



Unique Black Magic Edgeless design, also available as a reverse lamp



BLACK MAGIC
EDGELESS PRO MINI

The Hella Black Magic Edgeless Pro Mini combines innovative technology with modern design. Thanks to the indirect reflector design, it provides powerful, homogeneous illumination, which meets the highest visibility requirements. Its unique Black Magic Edgeless design turns it into a stylish eye-catcher, plus this is also available as a reverse lamp variant. The impressive light output of up to 3,500 lumens provides a new benchmark in compact lighting technology.

TECHNICAL DATA

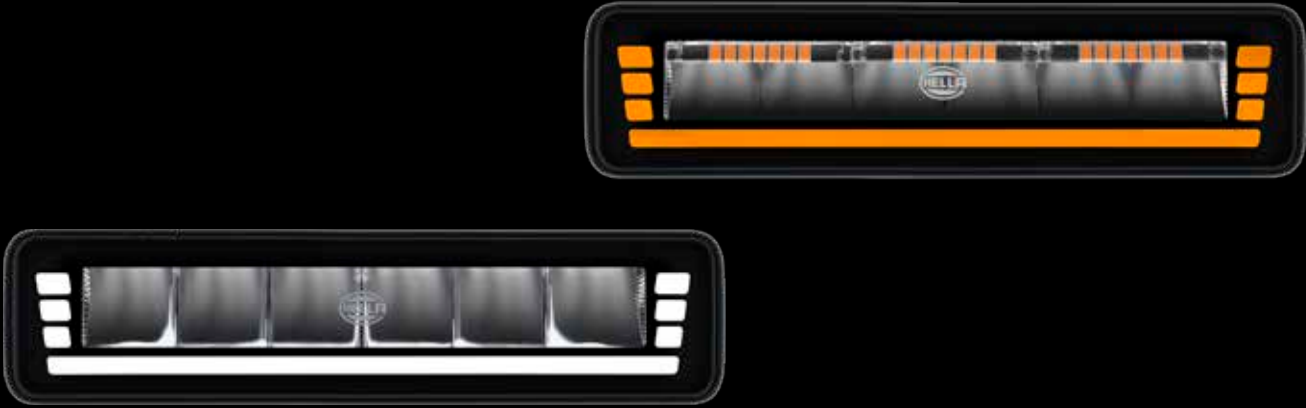
Rated power	9 W to 24 W
Light output (calculated)	2,880 lm to 3,540 lm
Light output (effective)	500 lm to 2,154 lm
Light source	6 LEDs or 27 LEDs, with LED position light (white, amber and red), warning flash function (amber)
Material	Housing: aluminium with electrophoresis coating Cover lens: PC (polycarbonate)
Approved	ECE-R10 Position light, white and red, reverse lamp: ECE R148 Warning flash function: ECE R65
EMC	Warning flash function: CISPR 25 Class 2
Mounting	Flexible centre bracket
Connection	800 mm or 2,000 mm cable with open ends
Scope of delivery	1 x light bar with 800 mm 2,000 mm cable with open ends, 1 x rear bracket, mounting material

PART NUMBERS

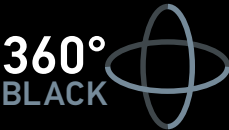
1FB 358 236-...	7" Black Magic Edgeless Pro Mini
2ZR 358 236-...	7" Black Magic Edgeless Pro Mini reverse lamp

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions). | Before connecting the hazard warning flash function, please check whether you belong to one of the groups who, in accordance with local legislation, are authorised to use hazard warning flashers in the installed direction.

* Ambient temperature | ** Storage temperature



BLACK MAGIC EDGELESS PRO MINI



Rated power	24 W	Without warning flash function: 9 W With warning flash function: 12 W
Light output (calculated)	3,540 lm	835 lm
Light output (effective)	2,125 lm ^[1] , 2,152 lm ^[2] or 2,154 lm ^[3]	500 lm
Light source	6 LEDs ^[4] or 27 LEDs ^[5] , with LED position light (white or amber), warning flash function (amber)	6 LEDs ^[1] or 27 LEDs ^[2] , with LED position light (amber or red), warning flash function (amber)
Material	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10 Position light, white: ECE R148 Warning flash function: ECE R65	ECE-R10 Position light, red, reverse lamp: ECE R148 Warning flash function: ECE R65
EMC	Warning flash function: CISPR 25 Class 2	Warning flash function: CISPR 25 Class 2
Mounting	Flexible centre bracket	Flexible centre bracket
Connection	800 mm cable with open ends	2,000 mm cable with open ends
Scope of delivery	1 x light bar with 800 mm cable with open ends, 1 x rear bracket, mounting material	1 x light bar with 2,000 mm cable with open ends, 1 x rear bracket, mounting material
Dimensional sketch		

7" Black Magic Edgeless Pro Mini work lamp
Position light, white and amber

Floodlight, warning flash function
1FB 358 236-201^[3,5]

Spotlight, warning flash function
1FB 358 236-211^[2,5]

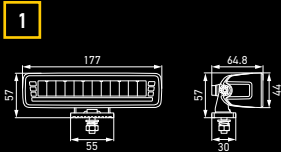
Floodlight
1FB 358 236-231^[1,4]

Spotlight
1FB 358 236-241^[2,4]

7" Black Magic Edgeless Pro Mini reverse lamp
Position light, amber and red

Floodlight, warning flash function
2ZR 358 236-221^[2]

Floodlight
2ZR 358 236-251^[1]



The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions). | Before connecting the hazard warning flash function, please check whether you belong to one of the groups who, in accordance with local legislation, are authorised to use hazard warning flashers in the installed direction.

* Ambient temperature | ** Storage temperature



SECURELY PACKAGED, WELL PROTECTED –
AND FULL OF VALUABLE INFORMATION

HELLA packaging not only offers optimum protection for high-quality products, but also contains a wealth of helpful information. From product details to important application and mounting instructions – every package is designed to provide you with the best possible support and comprehensive information. This means that quality is not only securely packaged, but also clearly explained.

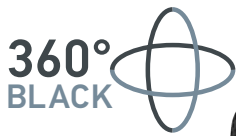


Totally dark appearance

Compact design for universal installation

Slim, edgeless design

Corresponds to the toughest dust and water protection classes



BLACK MAGIC
EDGELESS CUBES
AND LIGHT BARS

This product family achieves the highest dust and water resistance rating and the edgeless design prevents dust deposits from settling along the edges. The long cable supplied makes for easy mounting on the vehicle. The Mini light bar is available as a floodlight or spotlight and is suitable for upright or pendant mounting or it can be integrated into the body or the bumper.

TECHNICAL DATA					
					
^[1]					
					
Approved					
Mounting					
Connection					

Rated power	20 W to 270 W
Light output (calculated)	1,920 lm to 22,680 lm
Light output (effective)	1,400 lm to 15,000 lm
Light function	Spotlight (patterned cover lens) or floodlight (clear cover lens)
Light source	4 to 54 LEDs
Material	Housing: aluminium or aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10
Mounting	Upright and pendant or flush mounting
Connection	500 to 2,000 mm cable with open ends or DEUTSCH DT connector

PART NUMBERS

1FA 358 176-...	Cube
1FB 358 176-...	Mini Lightbar ^[1]
1FJ 358 176-...	Slim Lightbar ^[1]
	Double Lightbar ^[1]

ACCESSORIES



COVER CAP

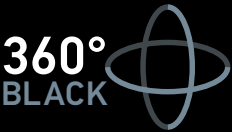
For Slim light bars Black Magic Edgeless
10", 1 pc.
8XS 358 176-351
9.5", 1 pc.
8XS 358 176-361



BRACKET SET

For 40" and 50" Slim light bars Black Magic Edgeless
Set: 2 pcs
8HG 358 176-341

Note on protective caps:
In some countries, protective caps are not permitted by law. Before using them on public roads, please check with the relevant government authority.



BLACK MAGIC EDGELESS CUBES AND LIGHT BARS



Rated power	20 W	40 W	30 W	105 W
Light output (calculated)	1,920 lm	4,800 lm	2,880 lm	8,820 lm
Light output (effective)	1,400 lm	3,000 lm	2,000 lm	6,000 lm
Light source	4 LEDs	4 LEDs	6 LEDs	21 LEDs
Material	Housing: aluminium, cover lens: PC (polycarbonate)	Housing: aluminium, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)	Housing: aluminium with electrophoresis coating, cover lens: PC (polycarbonate)
Approved	ECE-R10	ECE-R10	ECE-R10	ECE-R10
Mounting	Upright and pendant	Upright and pendant or flush mounting	Upright and pendant or flush mounting	Upright and pendant
Connection	500 mm cable, DEUTSCH DT connector	500 mm cable, DEUTSCH DT connector	800 mm cable, with open ends	2,000 mm cable with open ends
Dimensional sketch	1	2	3	4

2.7" Cube

Single lamp, floodlight
1FA 358 176-841

Set: 2 lamps, floodlight
1FA 358 176-801

3.2" Cube

Single lamp, floodlight
1FA 358 176-851

Single lamp, spotlight
1FA 358 176-861

Set: 2 lamps, floodlight
1FA 358 176-811

Set: 2 lamps, spotlight
1FA 358 176-821

Set: 2 lamps, flush mounting, floodlight
1FA 358 176-831

6.2" Mini Lightbar⁽¹⁾

Floodlight
1FB 358 176-201

Spotlight
1FB 358 176-211

Flush mounting, floodlight
1FB 358 176-221

20" Slim Lightbar⁽¹⁾

Spotlight
1FJ 358 176-301

32" Slim Lightbar⁽¹⁾

Spotlight
1FJ 358 176-311

40" Slim Lightbar⁽¹⁾

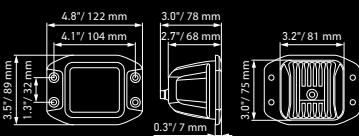
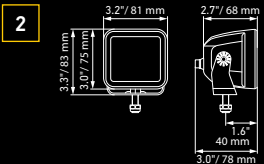
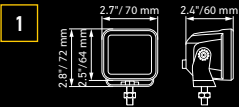
Spotlight
1FJ 358 176-321

50" Slim Lightbar⁽¹⁾

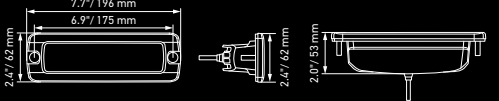
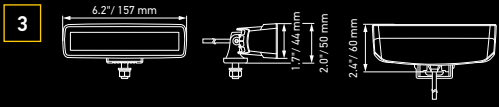
Spotlight
1FJ 358 176-331

21.5" Double Lightbar⁽¹⁾

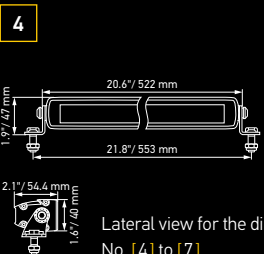
Spotlight
1FJ 358 176-401



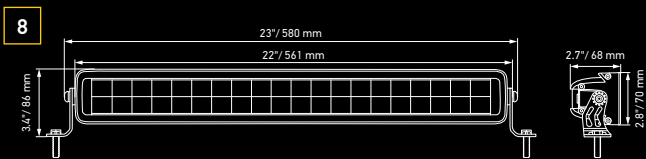
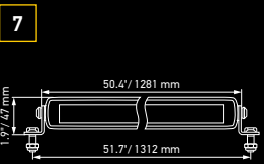
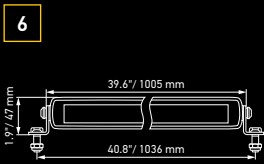
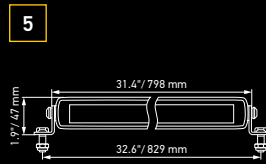
Flush mounting



Flush mounting

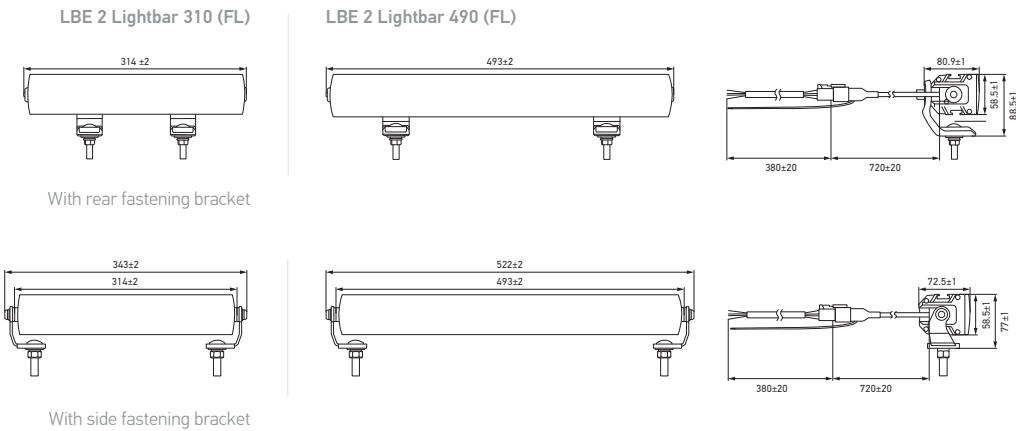


Lateral view for the dimensional sketches No. [4] to [7].





HELLA
VALUEFIT



LBE 2

The LED light bar series known as LBE 2 offers powerful high beam lamps and a choice of white or amber position lights. The "FL" models with additional warning flash function in particular ensure maximum visibility and safety. Plus the high-boost mode of the LBE 2 light bar 490 and 490 FL offers extended illumination, ideal for off-road fans.

TECHNICAL DATA

12 V	24 V	K 5700	IP 67	IP 69K
✓ ECE	✓ EMC	⚡	☀	

Rated power	310 (FL): 57 W (69 W) 490 (FL): 64.2 W, high-boost mode: 109 W (75 W; high-boost mode: 120 W)
Light output (calculated)	310 (FL): 6,000 lm 490 (FL): 12,000 lm
Light output (effective)	310: 3,800 lm 310 FL: 3,600 lm 490: ECE mode: 4,600 lm, high-boost mode: 6,300 lm 490 FL: ECE mode: 4,400 lm, high-boost mode: 5,700 lm
Ref. no.	310 (FL): 30 490 (FL): 37.5
Light source	310 (FL): 60 LEDs, warning flash function: 6 LEDs 490 (FL): 110 LEDs, warning flash function: 10 LEDs With LED position light (white and amber), warning flash function (amber)
Light colour	White or amber
Material	Housing: aluminium Cover lens: PC (polycarbonate) Bracket: nylon + 30% glass fibre
Approved	ECE R10, position light, white: ECE R148, high beam: ECE R149 Warning flash function: ECE R65
EMC	CISPR 25 Class 3
Mounting	With 2 fastening brackets at the side or rear
Connection	1,000 mm cable, with 4-pin connector

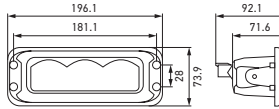
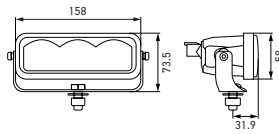
PART NUMBERS

1FE 357 666-001	LBE 2 Lightbar 310, Combo Beam
1FE 357 666-011	LBE 2 Lightbar 310 FL, combo beam, warning flash function
1FE 357 666-021	LBE 2 Lightbar 490, Combo Beam
1FE 357 666-031	LBE 2 Lightbar 490 FL, combo beam, warning flash function

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions).

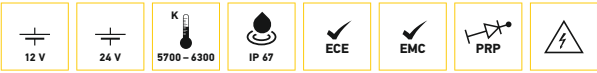


HELLA
VALUEFIT



Flush mounting

LBE 160 LED



Rated power	17 W
Light output (calculated)	3,000 lm
Light output (effective)	1,770 lm
Light source	3 LEDs
Material	Housing: aluminium Cover lens: PC (polycarbonate)
Approved	ECE-R10, ECE-R112
Mounting	Upright
Connection	500 mm cable, with 2-pin DEUTSCH DT connector

1FE 358 154-011 ECE Ref. 12.5

LBE 320 LED



Rated power	72 W
Light output (calculated)	6,000 lm
Light output (effective)	3,055 lm
Light source	6 LEDs, with LED position light (white)
Material	Housing: aluminium Cover lens: PC (polycarbonate)
Approved	ECE-R7, ECE-R10, ECE-R112
Mounting	Upright
Connection	1,000 mm cable, with 3-pin DEUTSCH DT connector

1FE 358 154-001 ECE Ref. 30

LBE 480 LED

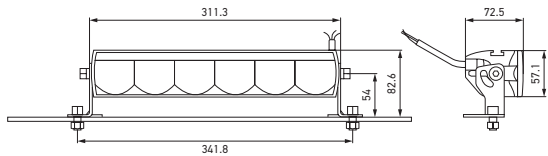


Rated power	120 W
Light output (calculated)	12,000 lm
Light output (effective)	4,763 lm
Light source	10 LEDs, with LED position light (white)
Material	Housing: aluminium Cover lens: PC (polycarbonate)
Approved	ECE-R7, ECE-R10, ECE-R112
Mounting	Upright
Connection	1,000 mm cable, with 3-pin DEUTSCH DT connector

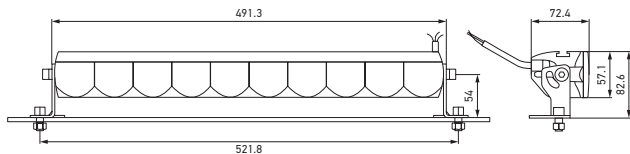
1FE 358 154-021 ECE Ref. 45



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WHAT DOES THE REFERENCE FIGURE TELL US?
WHAT DOES THE ISOLUX DIAGRAM SHOW?

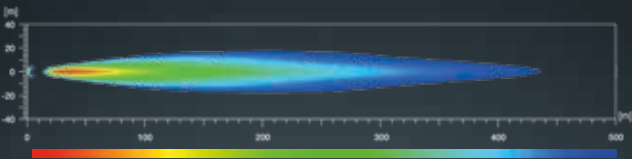
The reference number (Ref.) indicates what the maximum luminous intensity of a lamp is | With the help of the reference number, you can find out quickly and easily how powerful a lamp is. The reference number is obtained by converting the maximum luminous intensity in candela. It is a dimensionless number – so it has no associated unit of measurement. The high beam reference number and the ECE type approval are always specified for every high beam lamp. Two high beam lamps each with a reference of 17.5 produce a combined effect of Ref. 35 on a vehicle.

Which is better, a low or high reference number,? | A high beam with a low reference number shines wide, but not as far as a high beam with a high reference number. So for long, straight stretches, a high beam with a high reference number is ideal. Twisting and turning roads, for example in the mountains, are better illuminated with a low reference number.

Please note the national regulations that apply in your country and check whether you are subject to the ECE regulation in force since 2009. In some countries, only a total high beam of 100 (reference value), i.e. the sum of all high beam lamps on the vehicle, may be switched on.

The Isolux diagram explains the light distribution of the lamp. | A lamp emits more intense light at close range than at a distance. The light effect decreases in length and also in width. The Isolux diagram illustrates four important characteristics found in the light of high beam lamps:

- What is the shape of the light cone?
- How far does it shine?
- How wide is the illumination?
- What intensity does the light have in which area?



Example of an Isolux diagram
All distances in metres. The different colours of the Isolux diagram provide information about the light intensity.

Red-orange: high illumination intensity. From amber through green to blue, the illuminance decreases with distance.



1 Low reference number
Ideal for winding routes
2 High reference number
Ideal for straight routes

NOW FIND THE RIGHT AUXILIARY LAMPS IN ELIVER



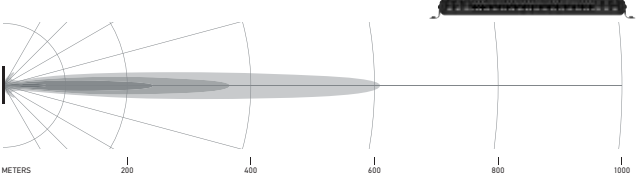
SEE THE LIGHT

Auxiliary lamps from HELLA. The right light for every situation.
Try them out online now!

www.hella.com/eliver

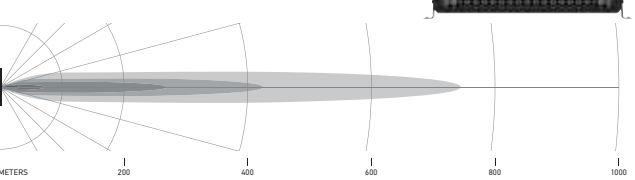
LIGHT DISTRIBUTIONS

Slim Lightbar Black Magic Tough [PAGE 32]
20" | 1GJ 358 197-301



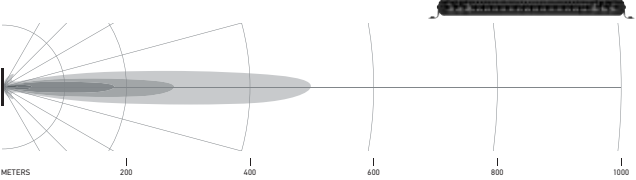
Off-road lamps / work lamps

Double Lightbar Black Magic Tough [PAGE 33]
21.5" | 1GJ 358 197-401



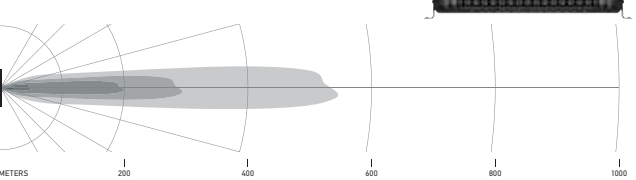
Off-road lamps / work lamps

Slim Lightbar Black Magic Tough Curved [PAGE 34]
20" | 1GJ 358 197-501



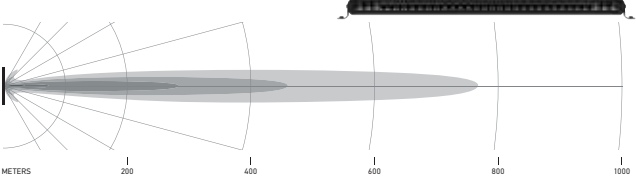
Off-road lamps / work lamps

Double Lightbar Black Magic Tough Curved [PAGE 35]
21.5" | 1GJ 358 197-601



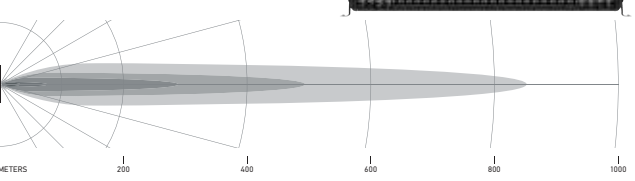
Off-road lamps / work lamps

32" | 1GJ 358 197-311



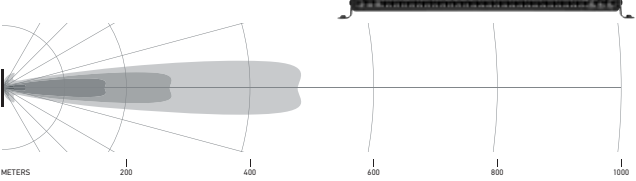
Off-road lamps / work lamps

30" | 1GJ 358 197-411



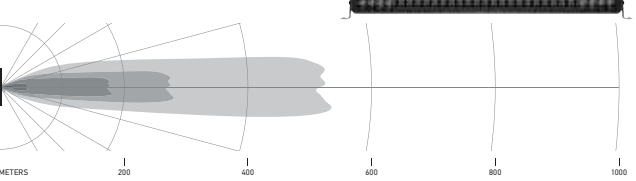
Off-road lamps / work lamps

32" | 1GJ 358 197-511



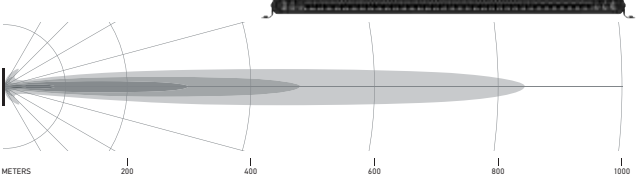
Off-road lamps / work lamps

30" | 1GJ 358 197-611



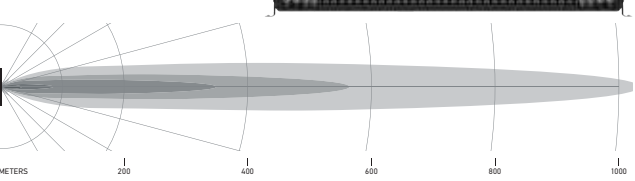
Off-road lamps / work lamps

40" | 1GJ 358 197-321



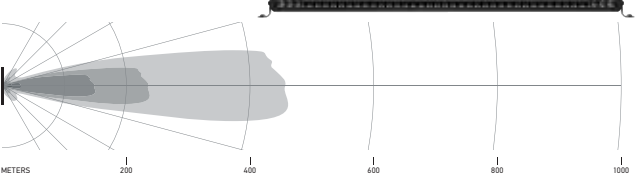
Off-road lamps / work lamps

40" | 1GJ 358 197-421



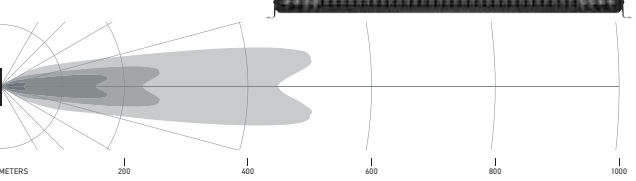
Off-road lamps / work lamps

40" | 1GJ 358 197-521



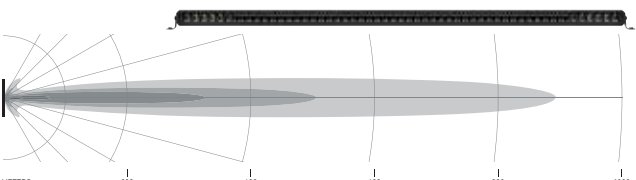
Off-road lamps / work lamps

40" | 1GJ 358 197-621



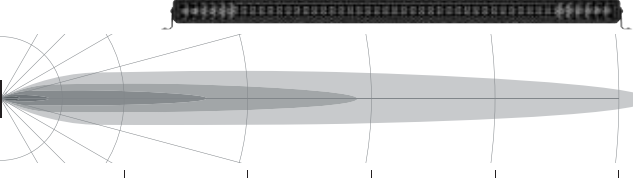
Off-road lamps / work lamps

50" | 1GJ 358 197-331



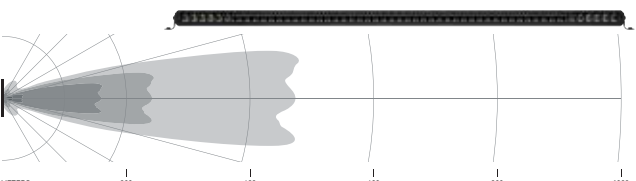
Off-road lamps / work lamps

50" | 1GJ 358 197-431



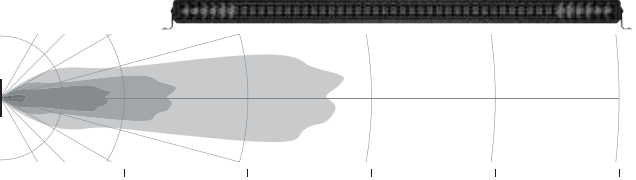
Off-road lamps / work lamps

50" | 1GJ 358 197-531



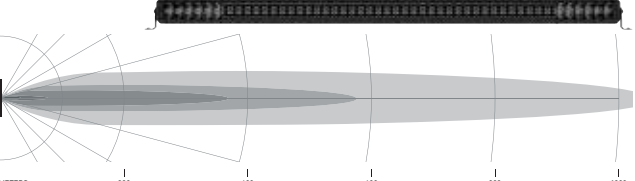
Off-road lamps / work lamps

50" | 1GJ 358 197-631



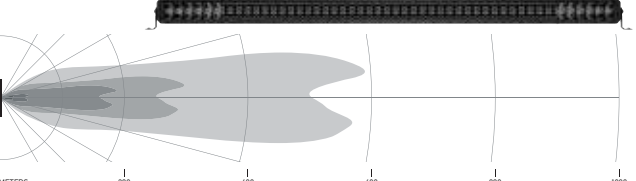
Off-road lamps / work lamps

52" | 1GJ 358 197-441



Off-road lamps / work lamps

52" | 1GJ 358 197-641

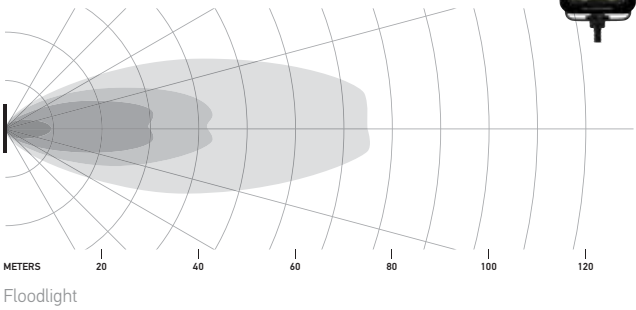


Off-road lamps / work lamps

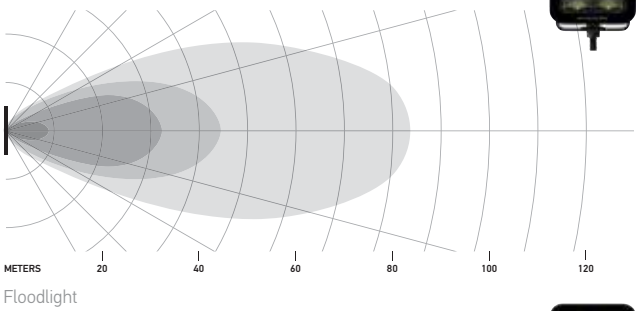
LUX 1000 100 10 5 1

The light distribution patterns each show 1 lamp in operation.

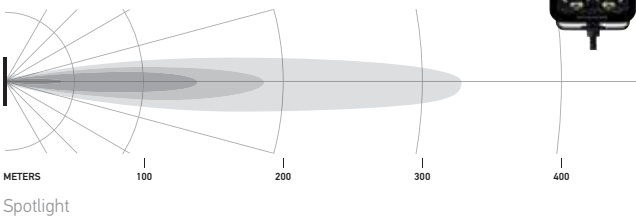
2.7" Cube Black Magic Edgeless [PAGE 46]
1FA 358 176-801 (Set) / -841



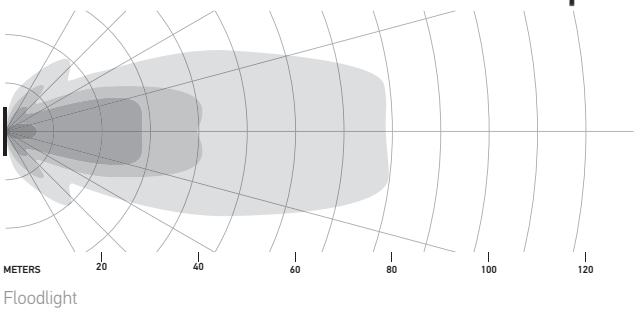
3.2" Cube Black Magic Edgeless [PAGE 46]
1FA 358 176-811 (Set) / -831 (Set) / -851



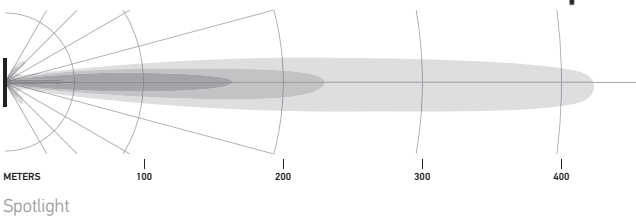
1FA 358 176-821 / -861



6.2" Mini Lightbar Black Magic Edgeless [PAGE 46]
1FB 358 176-201 / -221



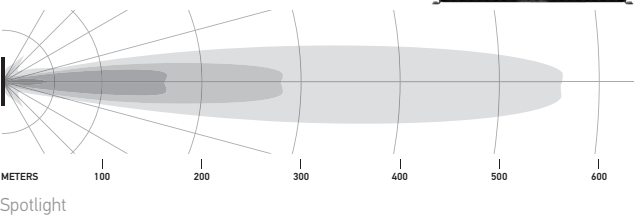
1FB 358 176-211



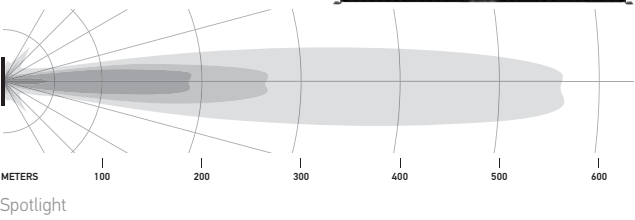
LUX 1000 100 10 5 1

The light distribution patterns each show 1 lamp in operation.

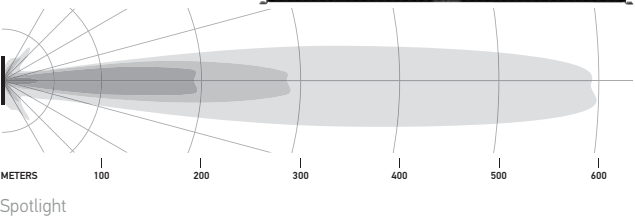
Slim Lightbar Black Magic Edgeless [PAGE 46 – 47]
20" | 1FJ 358 176-301



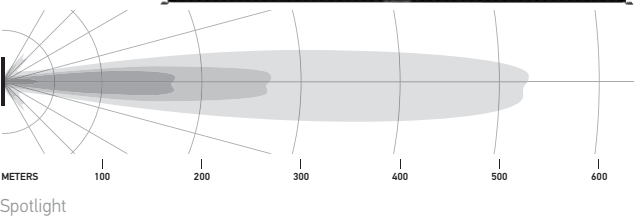
32" | 1FJ 358 176-311



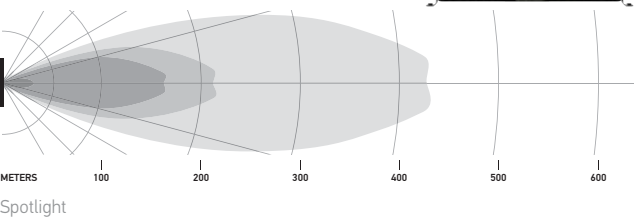
40" | 1FJ 358 176-321



50" | 1FJ 358 176-331



21.5" Double Lightbar Black Magic Edgeless [PAGE 47]
1FJ 358 176-401

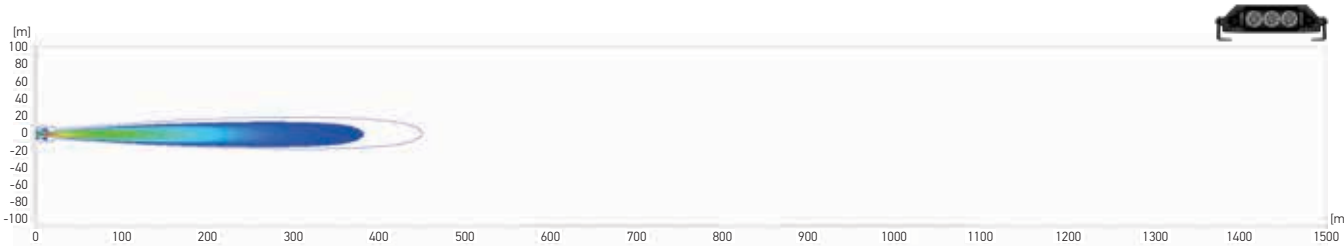


Illumination in ELIVER

2.7" Cube Black Magic Edgeless
Floodlight

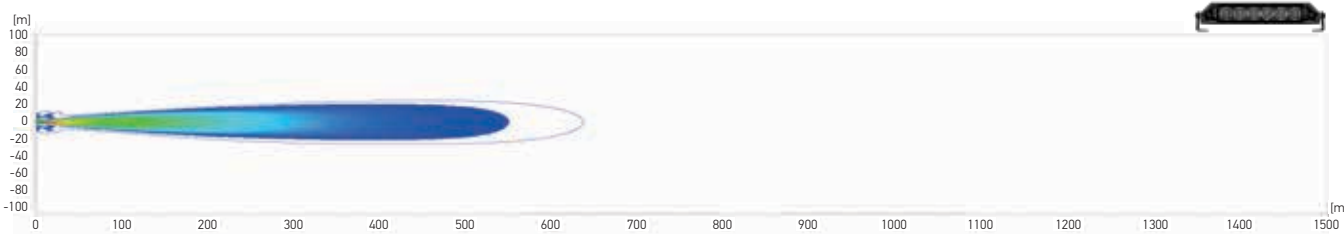
www.hella.com/eliver

Slim Lightbar DynaRay [PAGE 12]
9.6" | 1FF 359 100-001 / -011



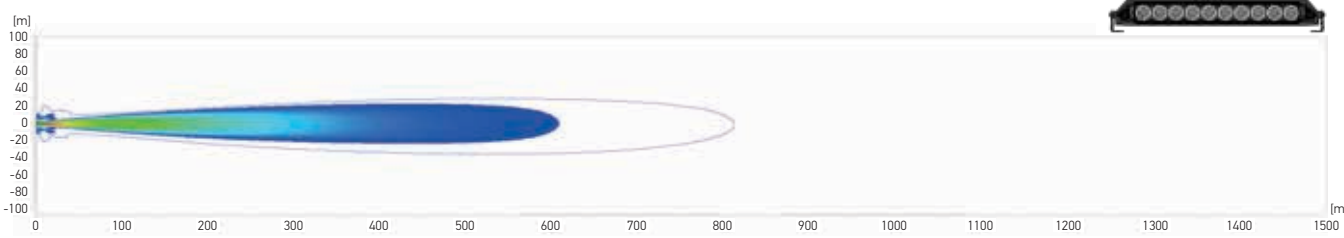
ECE Ref. 17.5 (ECE mode + high-boost mode | spotlight)

14" | 1FJ 359 100-101 / -111



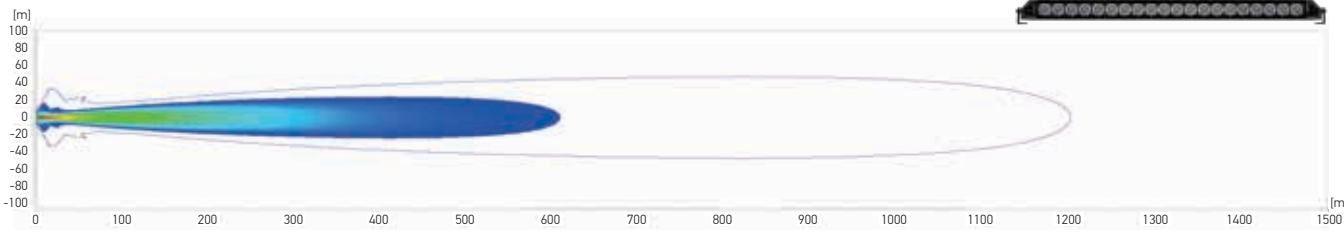
ECE Ref. 37.5 (ECE mode + high-boost mode | spotlight)

21" | 1FJ 359 100-201 / -211



ECE Ref. 45 (ECE mode + high-boost mode | spotlight)

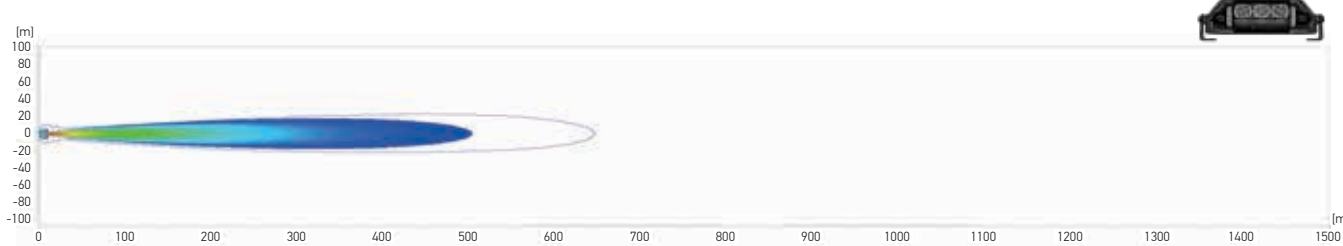
37" | 1FJ 359 100-301



ECE Ref. 45 (ECE mode + high-boost mode | spotlight)

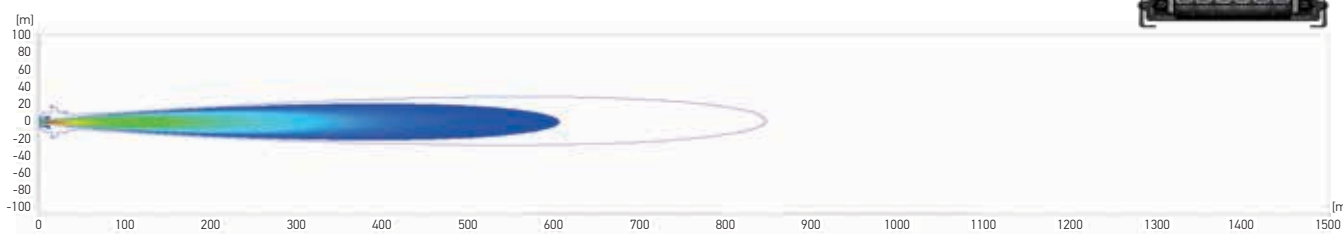
The light distribution patterns each show 2 lamps in operation.

Double Row Lightbar DynaRay [PAGE 13]
10" | 1FF 359 100-031 / -041



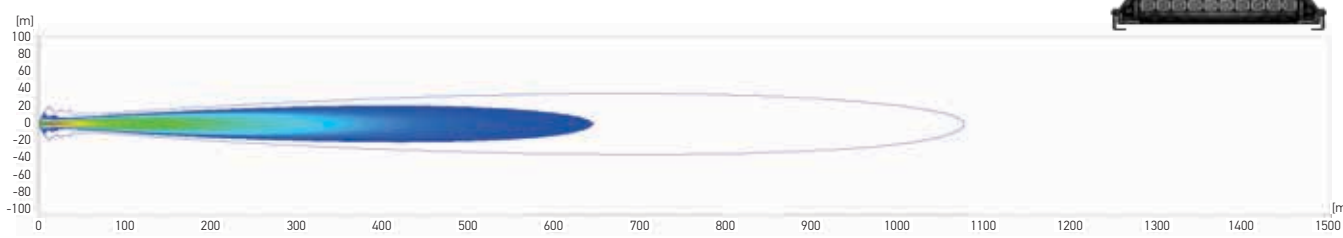
ECE Ref. 30 (ECE mode + high-boost mode | spotlight)

15" | 1FJ 359 100-121 / -131 / 141



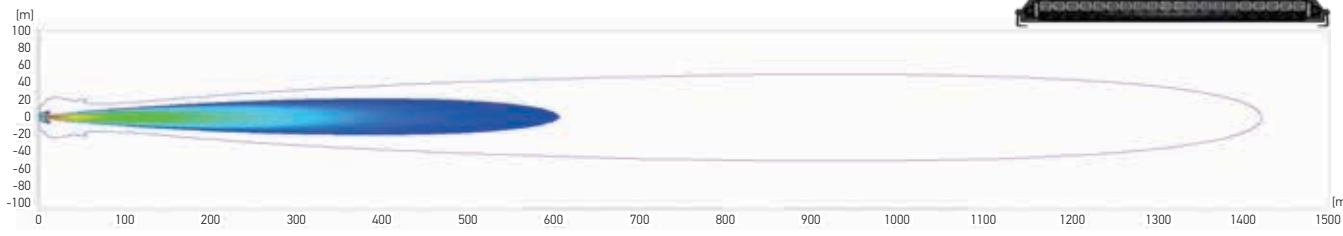
ECE Ref. 45 (ECE mode + high-boost mode | spotlight)

21.5" | 1FJ 359 100-221 / -231 / -241



ECE Ref. 45 (ECE mode + high-boost mode | spotlight)

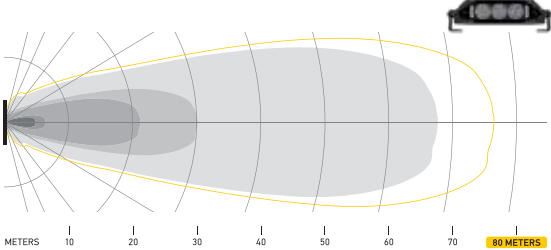
37.5" | 1FJ 359 100-311



ECE Ref. 45 (ECE mode + high-boost mode | spotlight)

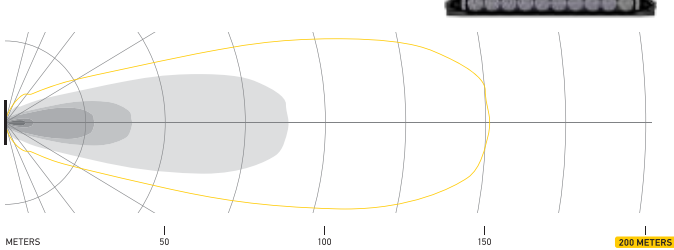
The light distribution patterns each show 2 lamps in operation.

9.6" | 1GF 359 100-021



Off-road headlights (floodlight + high-boost mode)

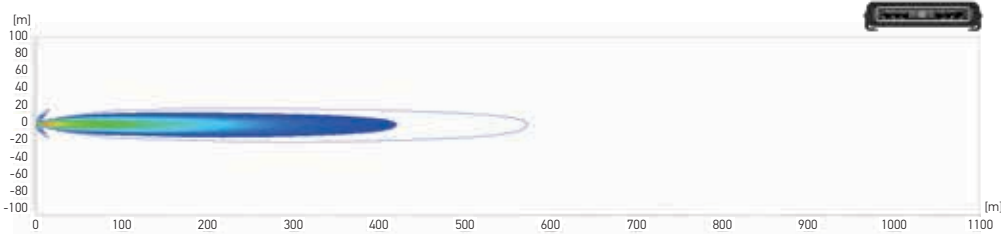
21" | 1GJ 359 100-251 / -261



Off-road headlights (floodlight + high-boost mode)

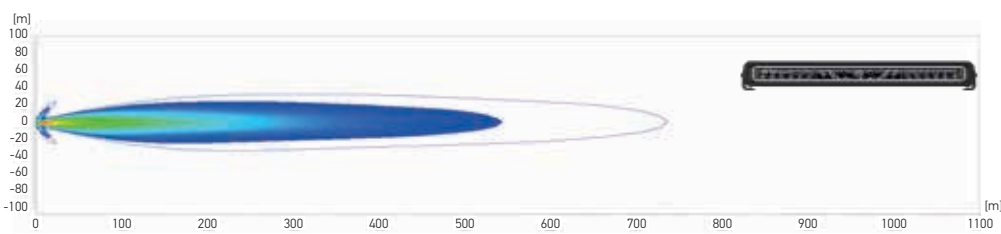
The light distribution patterns each show 1 lamp in operation.

Single Row Lightbar Black Magic Tough Pro | High Beam [PAGE 18]
11 " | 1FG 358 550-201



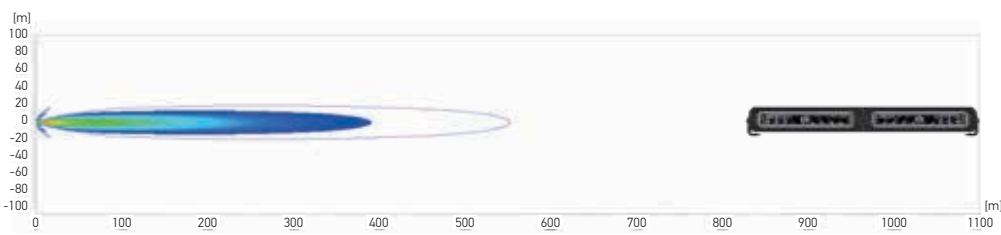
ECE Ref. 20 (ECE mode + high-boost mode)

22 " | 1FJ 358 550-211



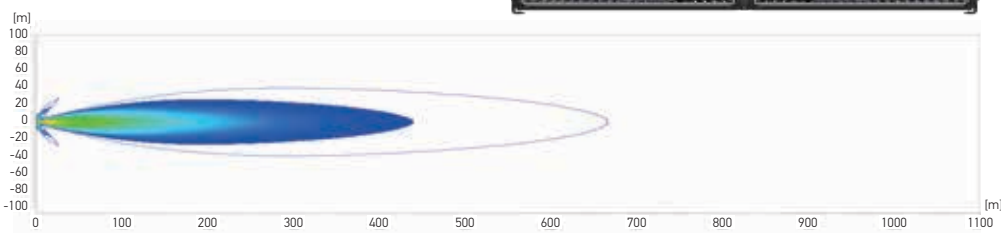
ECE Ref. 37.5 (ECE mode + high-boost mode)

Single Twin Lightbar Black Magic Tough Pro | High Beam [PAGE 20]
22 " | 1FJ 358 550-401



ECE Ref. 45 (ECE mode + high-boost mode)

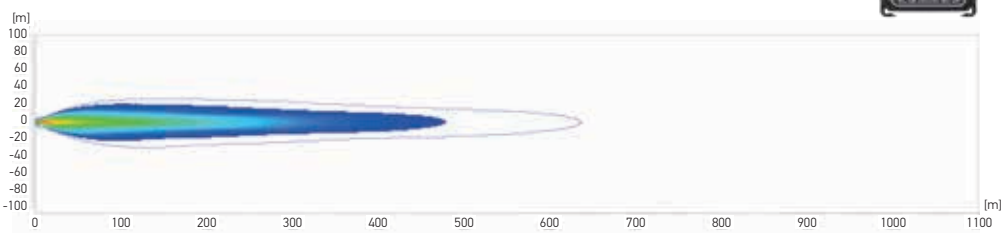
44 " | 1FJ 358 550-411



ECE Ref. 50 (ECE mode + high-boost mode)

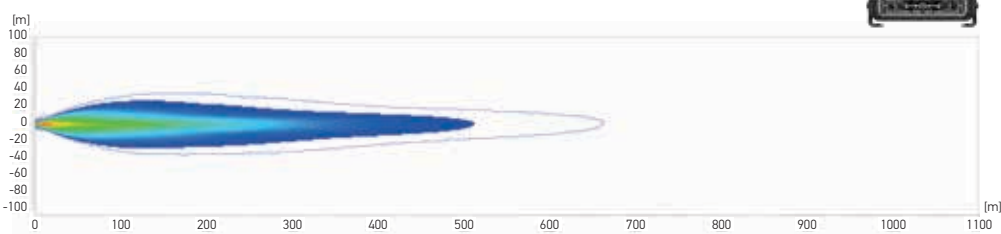
Double Row Lightbar Black Magic Tough Pro | High Beam
[PAGE 18 – 19]

9 " | 1FE 358 550-001 / -011 / -021



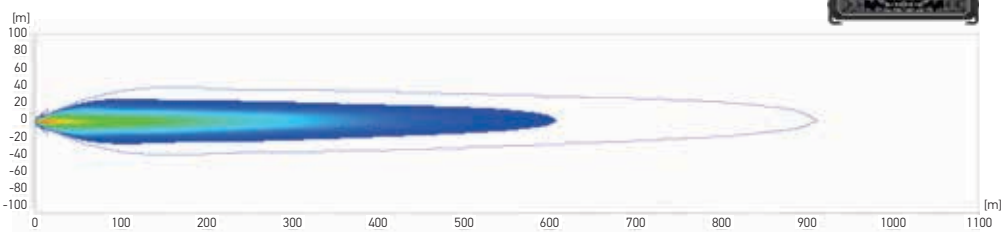
ECE Ref. 25 (ECE mode + high-boost mode)

11 " | 1FG 358 550-031 / -041



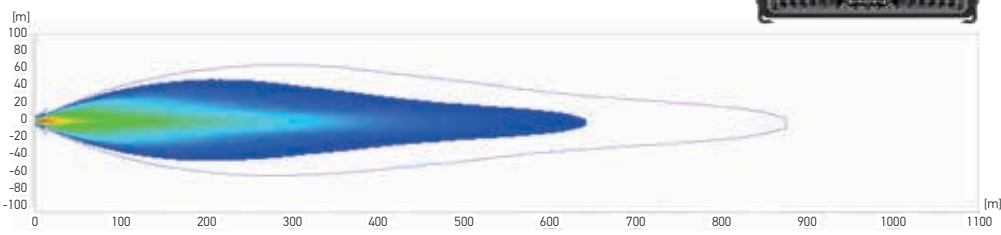
ECE Ref. 30 (ECE mode + high-boost mode)

15 " | 1FJ 358 550-051 / -061 / -071 / -301



ECE Ref. 40 (ECE mode + high-boost mode)

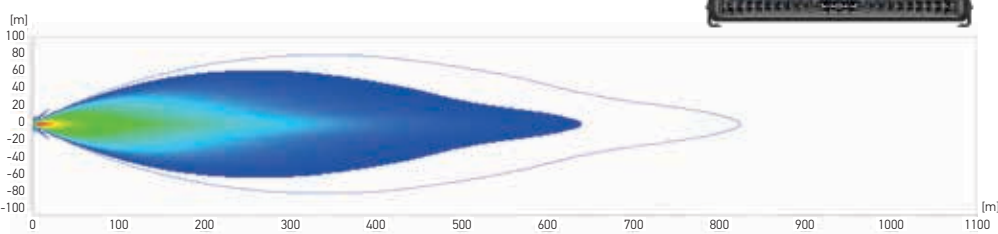
21 " | 1FJ 358 550-081 / -081 / -091 / -101 / -311



ECE Ref. 45 (ECE mode + high-boost mode)

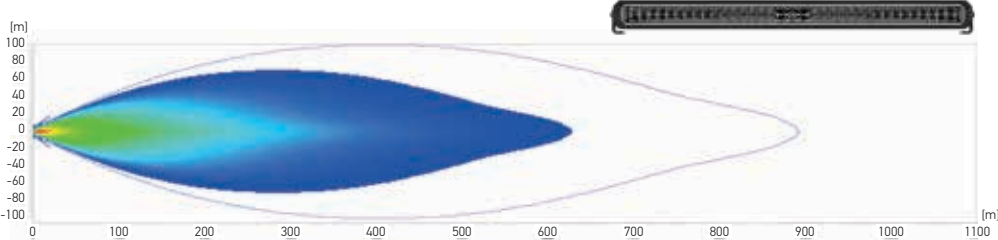
The light distribution patterns each show 2 lamps in operation.

Double Row Lightbar Black Magic Tough Pro | High Beam [PAGE 19]
27" | 1FJ 358 550-111 / -121



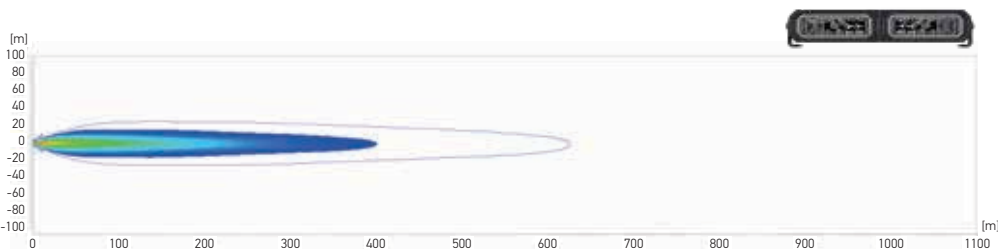
ECE Ref. 50 (ECE mode + high-boost mode)

39" | 1FJ 358 550-131 / -141



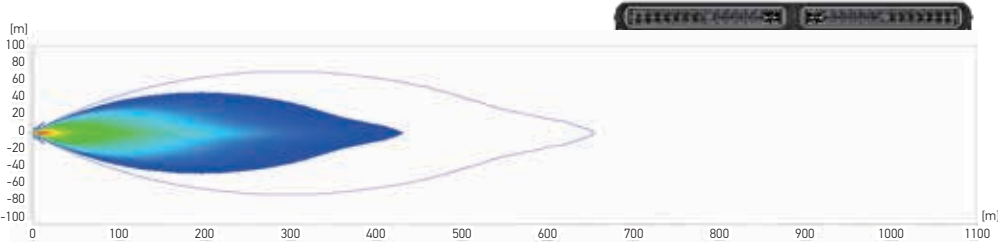
ECE Ref. 50 (ECE mode + high-boost mode)

Double Twin Lightbar Black Magic Tough Pro | High Beam [PAGE 20]
18" | 1FJ 358 550-421



ECE Ref. 45 (ECE mode + high-boost mode)

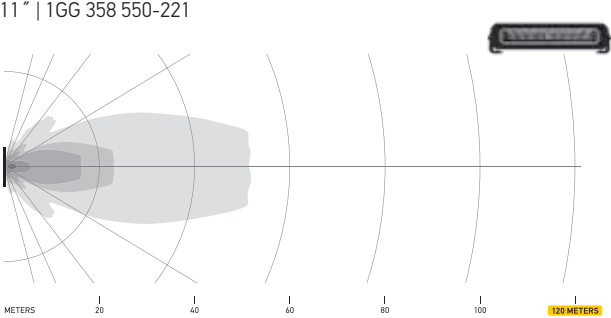
38" | 1FJ 358 550-431



ECE Ref. 50 (ECE mode + high-boost mode)

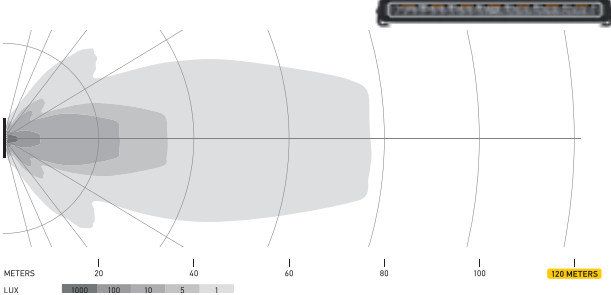
The light distribution patterns each show 2 lamps in operation.

Single Row Lightbar Black Magic Tough Pro | Floodlight
[PAGE 18]
11" | 1GG 358 550-221



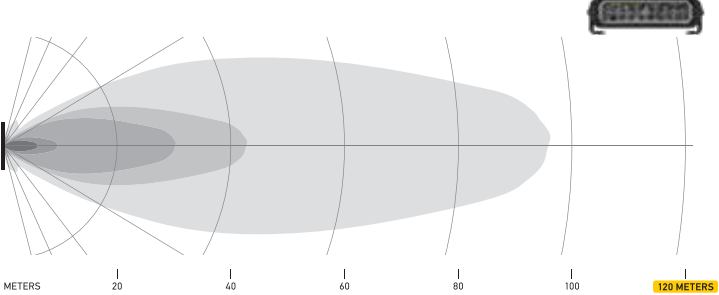
Floodlight (off-road)

22" | 1GJ 358 550-231



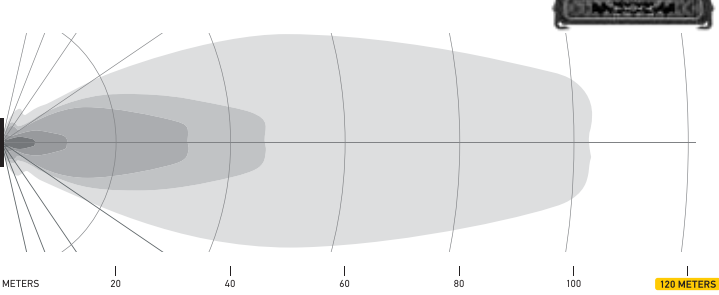
Floodlight (off-road)

Double Row Lightbar Black Magic Tough Pro | Floodlight [PAGE 18 – 19]
11" | 1GG 358 550-151



Floodlight (off-road)

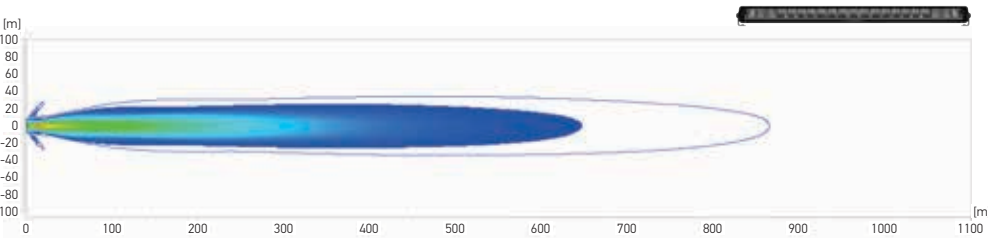
15" | 1GJ 358 550-321



Floodlight (off-road)

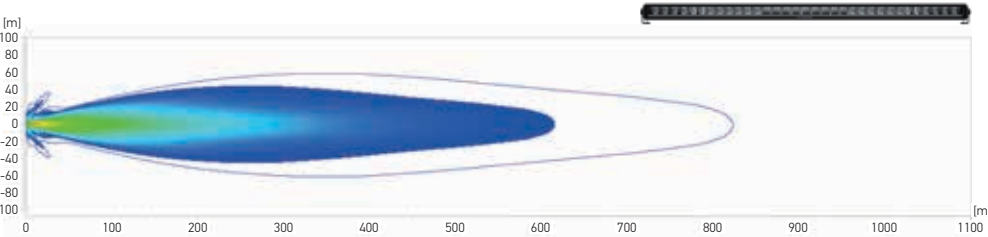
The light distribution patterns each show 1 lamp in operation.

Black Magic Edgeless Pro [PAGE 38 – 39]
20" | 1FJ 358 236-001



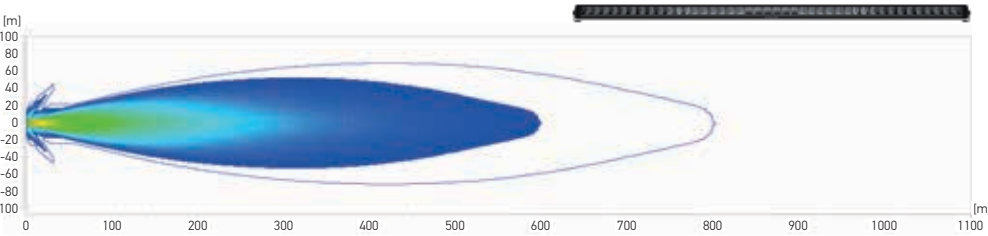
ECE Ref. 50 (ECE mode + high-boost mode)

32" | 1FJ 358 236-011



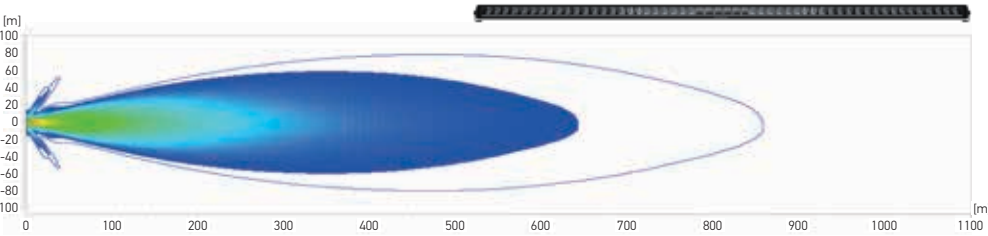
ECE Ref. 50 (ECE mode + high-boost mode)

40" | 1FJ 358 236-021



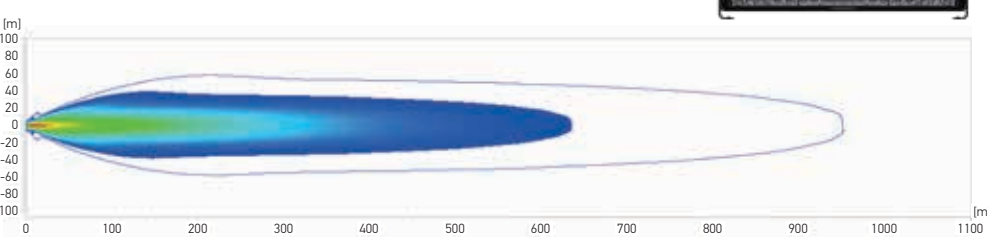
ECE Ref. 45 (ECE mode + high-boost mode)

50" | 1FJ 358 236-031



ECE Ref. 35 (ECE mode + high-boost mode)

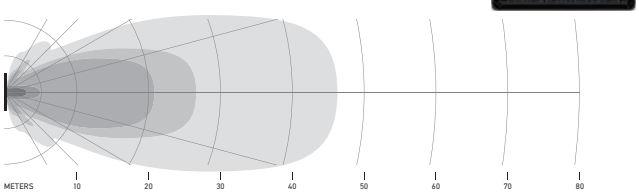
Black Magic Edgeless Pro Double [PAGE 39]
21.5" | 1FJ 358 236-041



ECE Ref. 50 (ECE mode + high-boost mode)

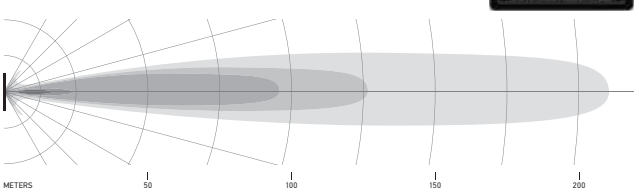
The light distribution patterns each show 2 lamps in operation.

7" Black Magic Edgeless Pro Mini work lamp [PAGE 42]
1FB 358 236-201 / -231



Floodlight

1FB 358 236-211 / -241

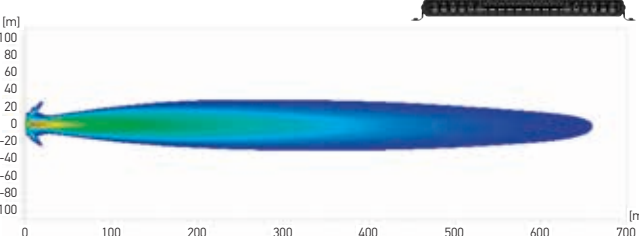


Spotlight



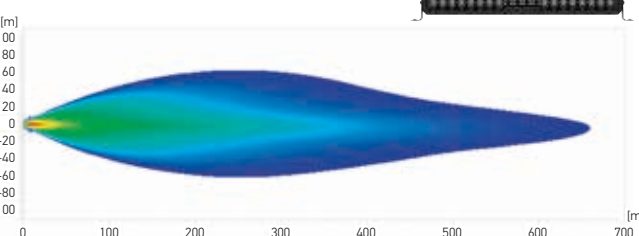
The light distribution patterns each show 1 lamp in operation.

Slim Lightbar Black Magic Tough [PAGE 24]
20" | 1FJ 358 196-301



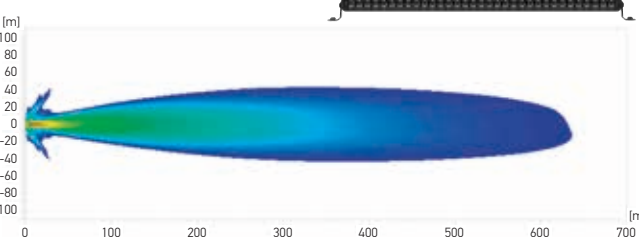
ECE Ref. 50

Double Lightbar Black Magic Tough [PAGE 24 – 25]
21.5" | 1FJ 358 196-401



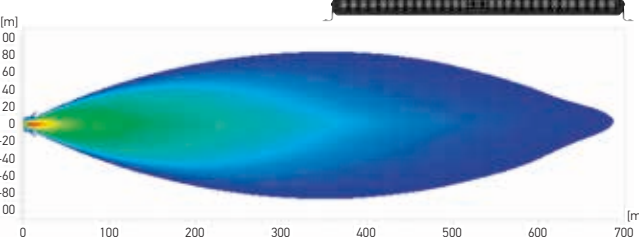
ECE Ref. 45

32" | 1FJ 358 196-311



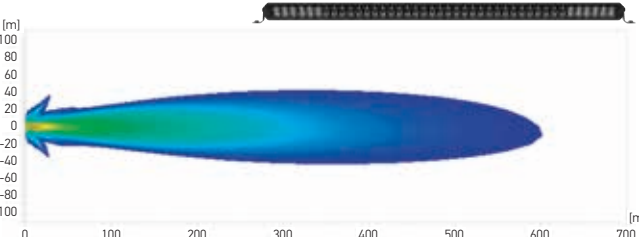
ECE Ref. 50

30" | 1FJ 358 196-411



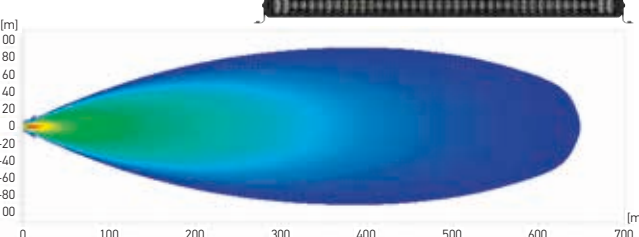
ECE Ref. 45

40" | 1FJ 358 196-321



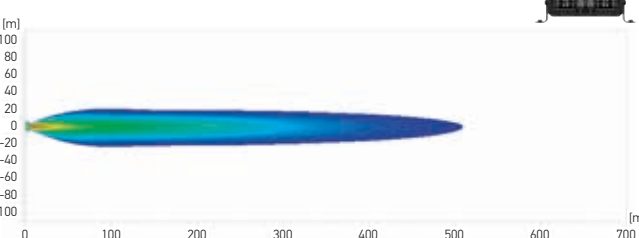
ECE Ref. 50

40" | 1FJ 358 196-421



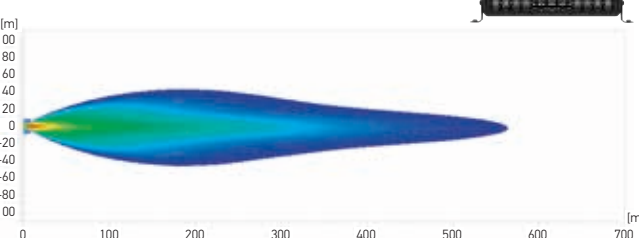
ECE Ref. 50

Double Lightbar Black Magic Tough Mini [PAGE 25]
7" | 1FJ 358 196-451



ECE Ref. 30

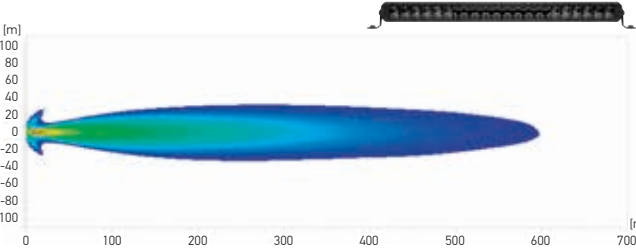
13" | 1FJ 358 196-461



ECE Ref. 40

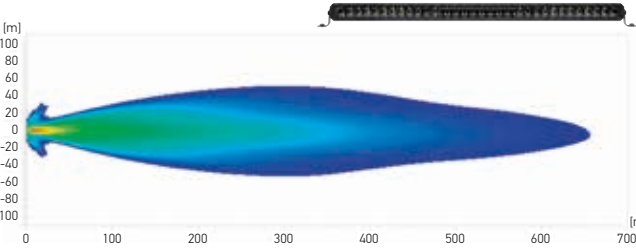
The light distribution patterns each show 2 lamps in operation.

Slim Lightbar Black Magic Tough Curved [PAGE 26]
20" | 1FJ 358 196-501



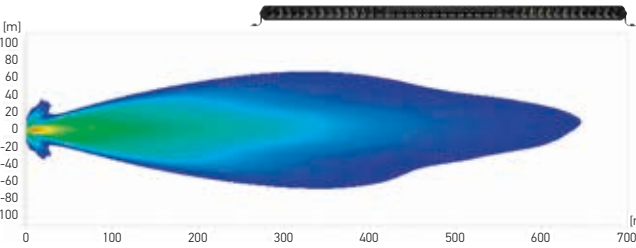
ECE Ref. 45

32" | 1FJ 358 196-511



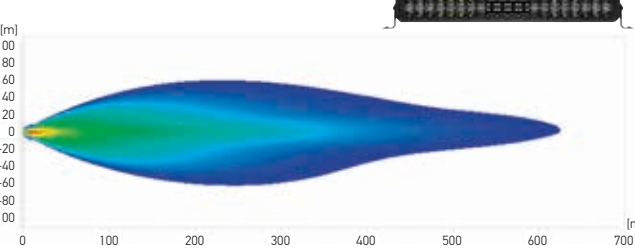
ECE Ref. 50

40" | 1FJ 358 196-521



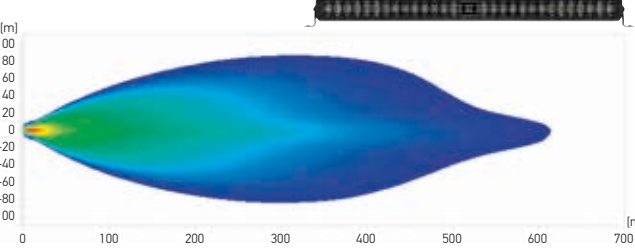
ECE Ref. 50

Double Lightbar Black Magic Tough Curved [PAGE 27]
21.5" | 1FJ 358 196-601



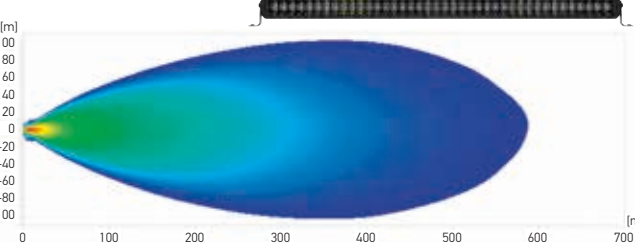
ECE Ref. 45

30" | 1FJ 358 196-611



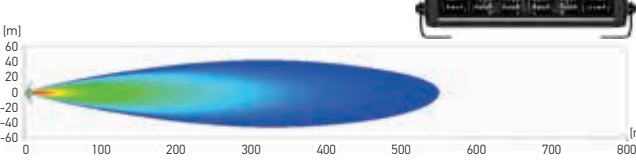
ECE Ref. 40

40" | 1FJ 358 196-621



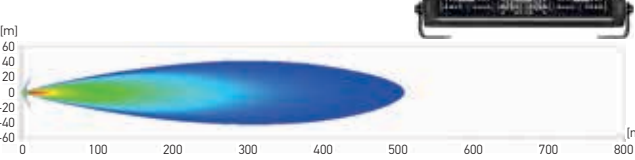
ECE Ref. 45

HELLA VALUEFIT LBE 2 Lightbar 310 [PAGE 49]
1FE 357 666-001



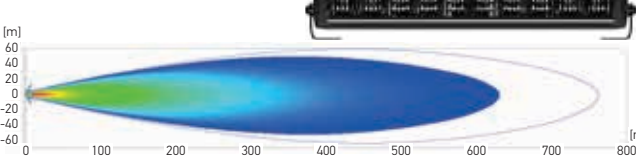
ECE Ref. 50

HELLA VALUEFIT LBE 2 Lightbar 310 FL [PAGE 49]
1FE 357 666-011



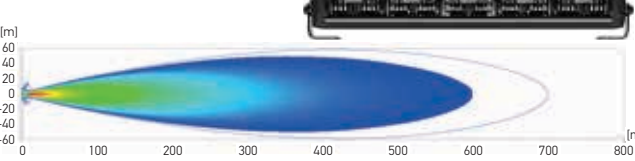
ECE Ref. 50

HELLA VALUEFIT LBE 2 Lightbar 490 [PAGE 49]
1FE 357 666-021



ECE Ref. 50 (ECE mode + high-boost mode)

HELLA VALUEFIT LBE 2 Lightbar 490 FL [PAGE 49]
1FE 357 666-031



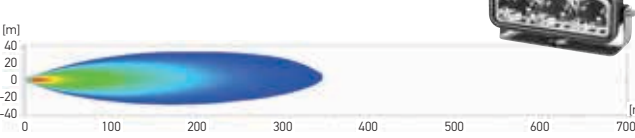
ECE Ref. 50 (ECE mode + high-boost mode)



Illumination in ELIVER
HELLA VALUEFIT LBE 480 LED
ECE Ref. 45

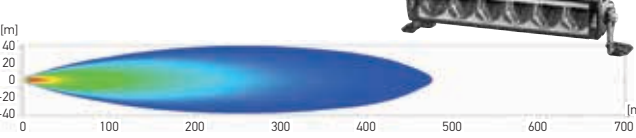
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HELLA VALUEFIT LBE 160 LED [PAGE 50]
1FE 358 154-011



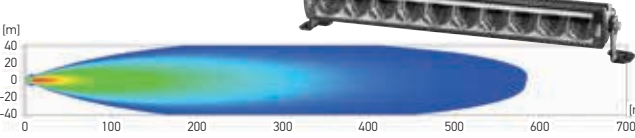
ECE Ref. 12.5

HELLA VALUEFIT LBE 320 LED [PAGE 50]
1FE 358 154-001



ECE Ref. 30

HELLA VALUEFIT LBE 480 LED [PAGE 50]
1FE 358 154-021



ECE Ref. 45

The light distribution patterns each show 2 lamps in operation.

AUXILIARY LAMPS

POWERFUL LIGHT PERFORMANCE

When it comes down to it, seeing and being seen are the two most important things to guarantee safe driving if you're on a public road or off the beaten track. Both of these factors are crucial to safety, and can be influenced effectively. With the auxiliary lamp series, HELLA has developed a range of outstanding products to ensure you will be perfectly equipped for long-distance journeys, off-road trips and also for continuous operation projects. The result is a range of lamp models, whose stability, tough resistance and outstanding light performance have remained legendary for many years. Light that you can rely on.

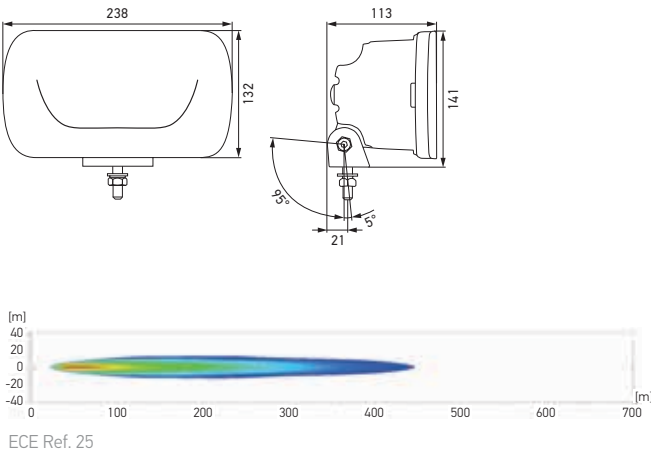


JUMBO LED

With characteristic design cover

High-performance reflector

Innovative EdgeLight LED position light



JUMBO LED

The Jumbo LED makes a huge impression with its ultra modern look and unmistakable light pattern. The striking position light, with innovative EdgeLight technology for strengthened lines, and the characteristic design cover give the auxiliary high beam lamp a unique appearance. The powerful, long-lasting LED technology in combination with the high-performance reflector ensures an extremely strong and homogeneous high beam. The light colour, similar to daylight, enables long journeys to be undertaken without eye fatigue. And, furthermore, the delay-free headlamp flasher function offers a measure of extra safety.

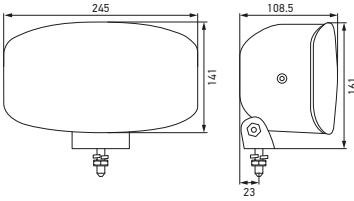
TECHNICAL DATA

12 V	24 V	IP 6K7	IP X9K	ECE
		EMC	PRP	

Ref. no.	25
Light source	LED, with LED position light
Light colour	White
Approved	ECE-R10, ECE-R148, ECE-R149
Connection	800 mm cable

PART NUMBERS

1FE 016 773-001	Upright mounting
1FE 016 773-011	Pendant mounting

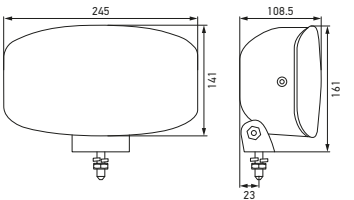


JUMBO 320 WITH HALOGEN POSITION LIGHT



Light source Halogen, without bulb
Approved ECE-R7, ECE-R112

1FE 008 773-041 ECE Ref. 37.5



JUMBO 320 WITH LED POSITION LIGHT

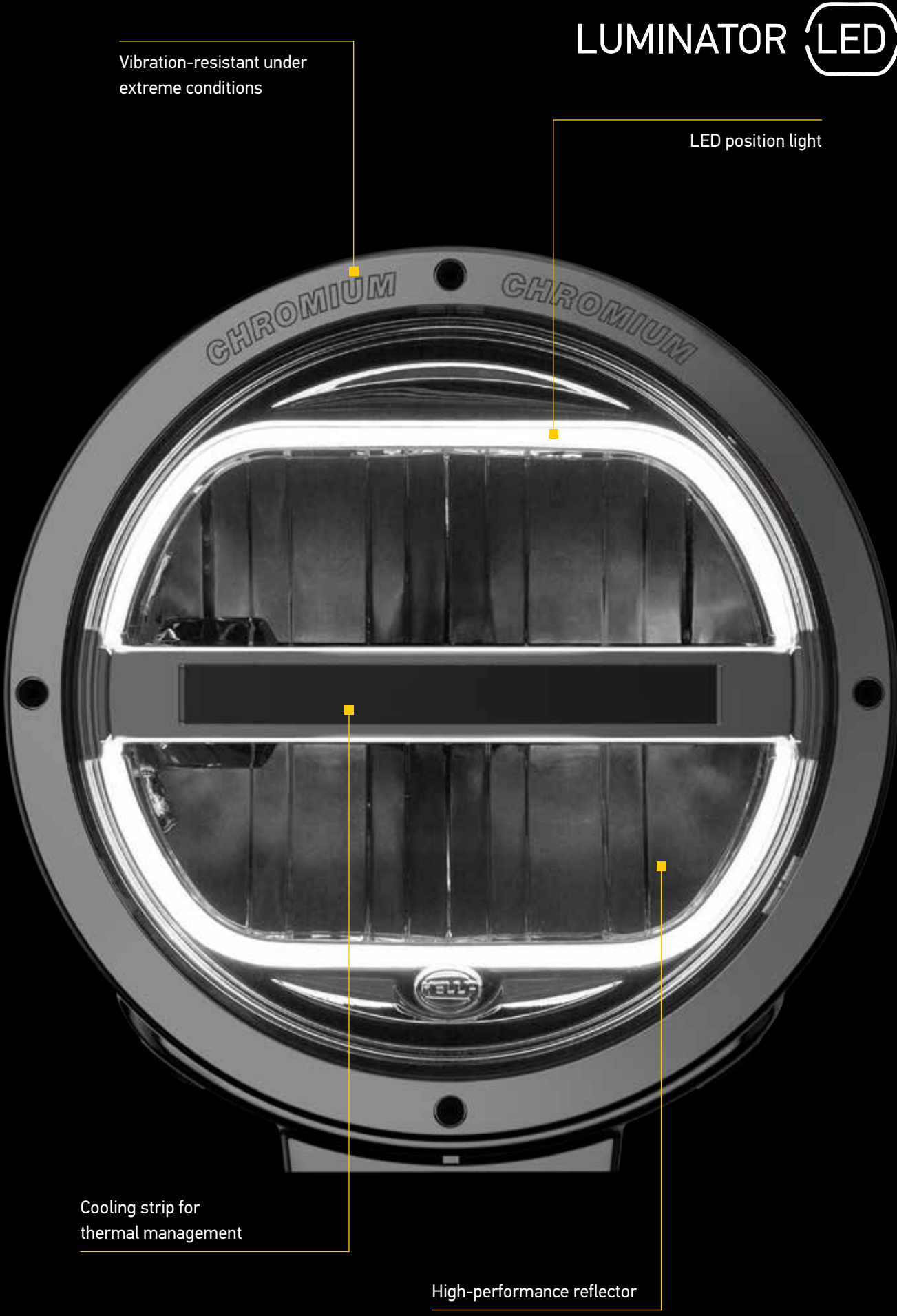


Light source Halogen, without bulb
Approved ECE-R7, ECE-R10, ECE-R112

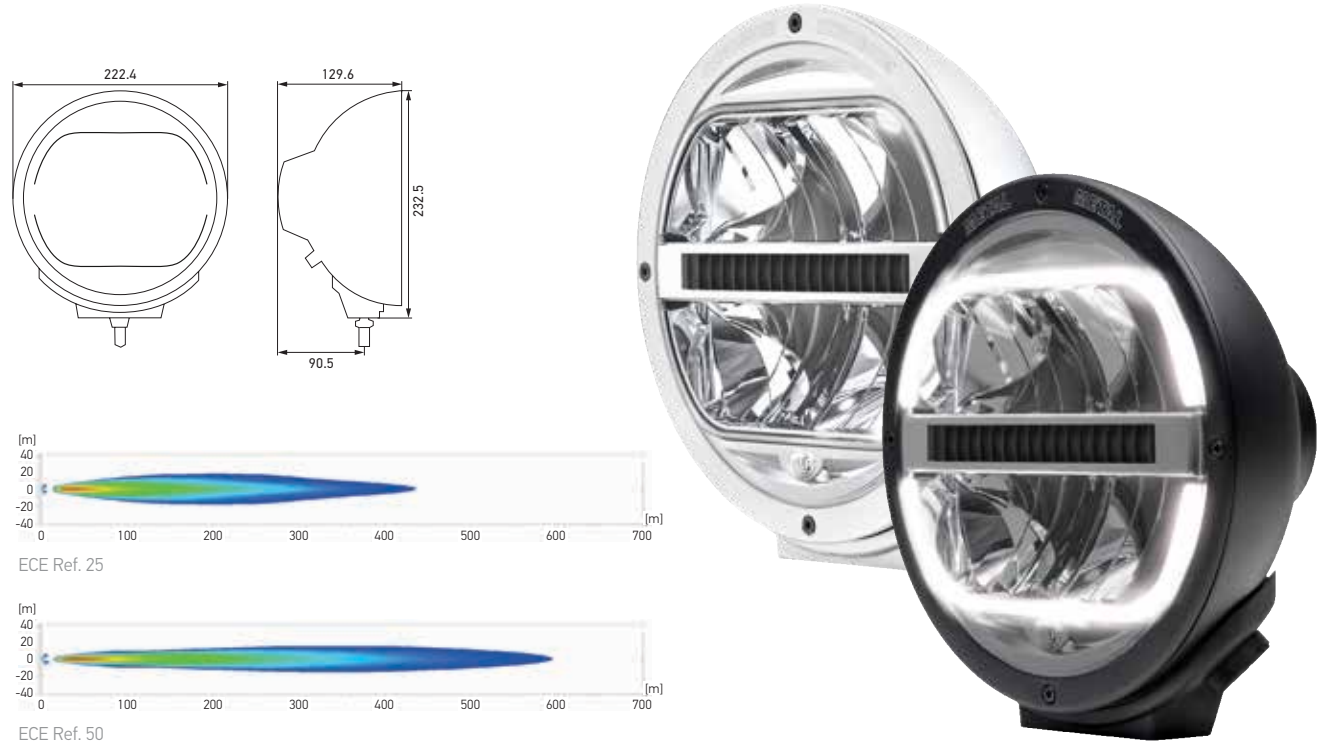
1FE 008 773-081 ECE Ref. 37.5

THE CLASSIC ONE ON THE ROAD AND OFF-ROAD





LUMINATOR LED



LUMINATOR LED

The HELLA Luminator LED auxiliary lamp impresses at first glance with its compact design, full-metal housing, zinc die-cast fastening bracket and the striking cooling fin. Thanks to the innovative EdgeLight technology, the auxiliary high beam lamp boasts a characteristic, unmistakable night-time design with hexagonal contours. Equally impressive is the clear, cool white LED high beam, which turns night into day and provides outstanding road illumination. Even during operation, the lamp remains "cool", as the cooling fin with a cooling surface of 230 cm² ensures efficient thermal management.

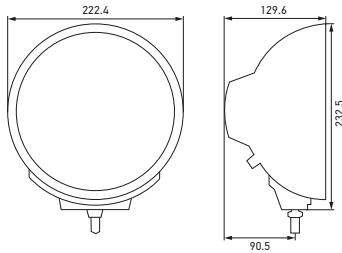
TECHNICAL DATA

12 V	24 V	IP 6K7	IP X9K	ECE
		EMC	PRP	

Light source	LED, with LED position light
Light colour	White
Material	Housing: aluminium
Approved	ECE-R7, ECE-R10, ECE-R112
Connection	800 mm cable

PART NUMBERS

Black	
1F8 016 560-001	ECE Ref. 25
1F8 016 560-011	ECE Ref. 50
Chrome	
1F8 016 560-021	ECE Ref. 25
1F8 016 560-031	ECE Ref. 50

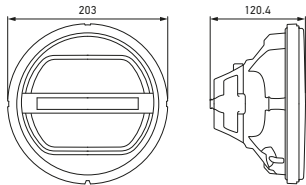


LUMINATOR CHROMIUM



Light source	Halogen, without bulb, with halogen position light
Approved	ECE-R7, ECE-R112
Connection	800 mm cable

1F8 007 560-311 ECE Ref. 37.5



LAMP INSERT (SPARE PART)
FOR LUMINATOR / RALLYE 3003



Light source	LED, with LED position light
Light colour	White
Approved	ECE-R7, ECE-R10, ECE-R112
Connection	800 mm cable

1F8 241 400-011 ECE Ref. 25
1F8 241 429-011 ECE Ref. 50

ACCESSORIES



BRACKET SET

For 1F8 016 797-001 / -011
(Rallye 3003 LED)

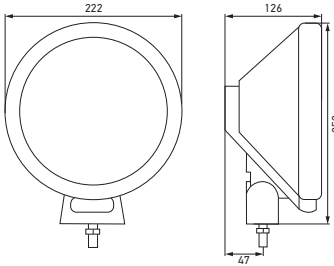
Set: 2 pcs
8HG 116 741-801

RALLYE 3000



Light source	Halogen, without bulb
Approved	ECE-R8

1F8 006 800-051 ECE Ref. 37.5

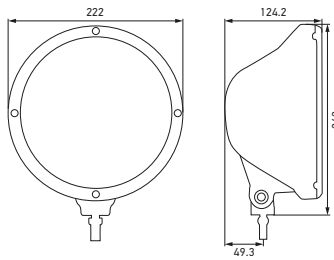


RALLYE 3003



Light source	Halogen, without bulb, with halogen position light
Approved	ECE-R7, ECE-R112

1F8 009 797-101 ECE Ref. 37.5



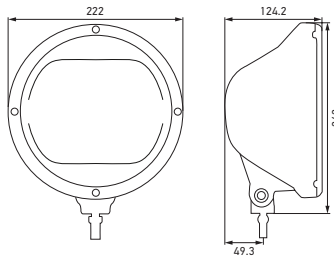
RALLYE 3003 LED



Light source	LED, with LED position light
Light colour	White
Material	Housing: thermoplastic
Approved	ECE-R7, ECE-R10, ECE-R112
Connection	800 mm cable

1F8 016 797-001 ECE Ref. 25
1F8 016 797-011 ECE Ref. 50

RALLYE 3003





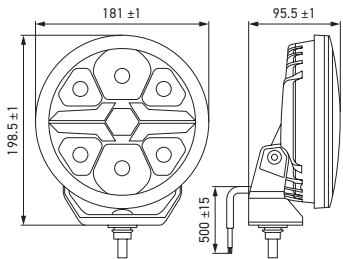
Frame:
black or chrome-coloured

Innovative LED position light
in white or amber

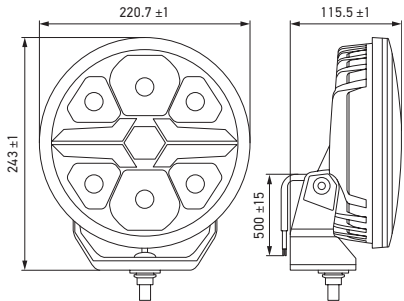
Sturdy aluminium housing

Sturdy fastening bracket
made of glass fibre

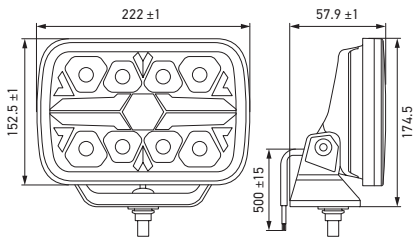
HELLA VALUEFIT



Blade 7"



Blade 9"



Blade RE 9"

BLADE

The HELLA VALUEFIT Blade auxiliary lamp series marries together functionality and design in one single product. A special feature is the eye-catching LED position light, which creates a characteristic lighting design. The auxiliary lamps are available with either a white or an amber position light and can be mounted with one of the two position light variants.

TECHNICAL DATA

12 V	24 V	6000	-30 ~ +60 °C	IP 69K
IP 67	ECE	EMC	PRP	

Ref. no.	25 or 50
Light output (effective)	1,550 lm to 2,600 lm
Light source	LED, with LED position light
Light colour	White
Material	Housing: aluminium Bracket: glass fibre
Approved	ECE R10, position light, white: ECE R148, high beam: ECE R149
Connection	500 mm cable

PART NUMBERS

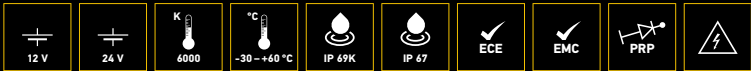
1FJ 357 198-...	Blade 7"
1FJ 357 199-...	Blade 9"

The AMBER position light does not have ECE approval: use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions).

HELLA
VALUEFIT



BLADE



Light output (effective)	1,670 lm ^[1] or 1,800 lm ^[2]	1,670 lm ^[1] or 1,800 lm ^[2]	1,700 lm ^[1] or 1,550 lm ^[2]	1,700 lm ^[1] or 1,550 lm ^[2]
Light source	LED, with LED position light	LED, with LED position light	LED, with LED position light	LED, with LED position light
Light colour	White	White	White	White
Material	Housing: aluminium Bracket: glass fibre	Housing: aluminium Bracket: glass fibre	Housing: aluminium Bracket: glass fibre	Housing: aluminium Bracket: glass fibre
Approved	ECE-R10 Position light, white: ECE R148 High beam: ECE R149	ECE-R10 Position light, white: ECE R148 High beam: ECE R149	ECE-R10 Position light, white: ECE R148 High beam: ECE R149	ECE-R10 Position light, white: ECE R148 High beam: ECE R149
Connection	500 mm cable	500 mm cable	500 mm cable	500 mm cable
Dimensional sketch	1	1	2	2

Blade Chrome 7" Position light, white

ECE Ref. 25
1FJ 357 198-001^[1]

ECE Ref. 50
1FJ 357 198-011^[2]

Position light, white and amber

ECE Ref. 25
1FJ 357 198-021^[1]

ECE Ref. 50
1FJ 357 198-031^[2]

Blade Black 7" Position light, white

ECE Ref. 25
1FJ 357 198-041^[1]

ECE Ref. 50
1FJ 357 198-051^[2]

Position light, white and amber

ECE Ref. 25
1FJ 357 198-061^[1]

ECE Ref. 50
1FJ 357 198-071^[2]

Blade Chrome 9" Position light, white

ECE Ref. 25
1FJ 357 199-001^[1]

ECE Ref. 50
1FJ 357 199-011^[2]

Position light, white and amber

ECE Ref. 25
1FJ 357 199-021^[1]

ECE Ref. 50
1FJ 357 199-031^[2]

Blade Black 9" Position light, white

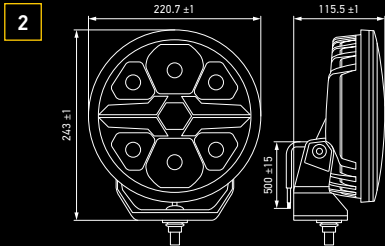
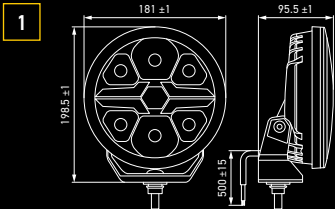
ECE Ref. 25
1FJ 357 199-041^[1]

ECE Ref. 50
1FJ 357 199-051^[2]

Position light, white and amber

ECE Ref. 25
1FJ 357 199-061^[1]

ECE Ref. 50
1FJ 357 199-071^[2]



ACCESSORIES

Light output (effective)	2,600 lm
Light source	LED, with LED position light
Light colour	White
Material	Housing: aluminium Bracket: glass fibre
Approved	ECE-R10 Position light, white: ECE R148 High beam: ECE R149
Connection	500 mm cable
Dimensional sketch	3

Blade Chrome RE 9" Position light, white and amber, ECE Ref. 25

Upright mounting
1FJ 357 199-081

Pendant mounting
1FJ 357 199-091

Blade Black RE 9" Position light, white and amber, ECE Ref. 25

Upright mounting
1FJ 357 199-181

Pendant mounting
1FJ 357 199-191



CAP

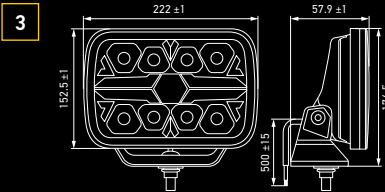
Protective caps with Hella logo and translucent contour of the position light.

1 For Hella VALUEFIT Blade 7" Round cover
8XS 358 198-001

2 For Hella VALUEFIT Blade 9" Round cover
8XS 358 198-011

3 For Hella VALUEFIT Blade RE 9" Rectangular cover
8XS 358 198-021

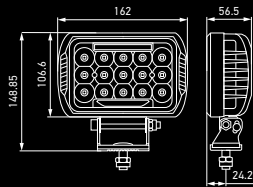
Note on protective caps:
In some countries, protective caps are not permitted by law. Before using them on public roads, please check with the relevant government authority.



The AMBER position light does not have ECE approval; use may be limited to off-road areas away from public roads in accordance with local regulations (see mounting instructions).



HELLA
VALUEFIT

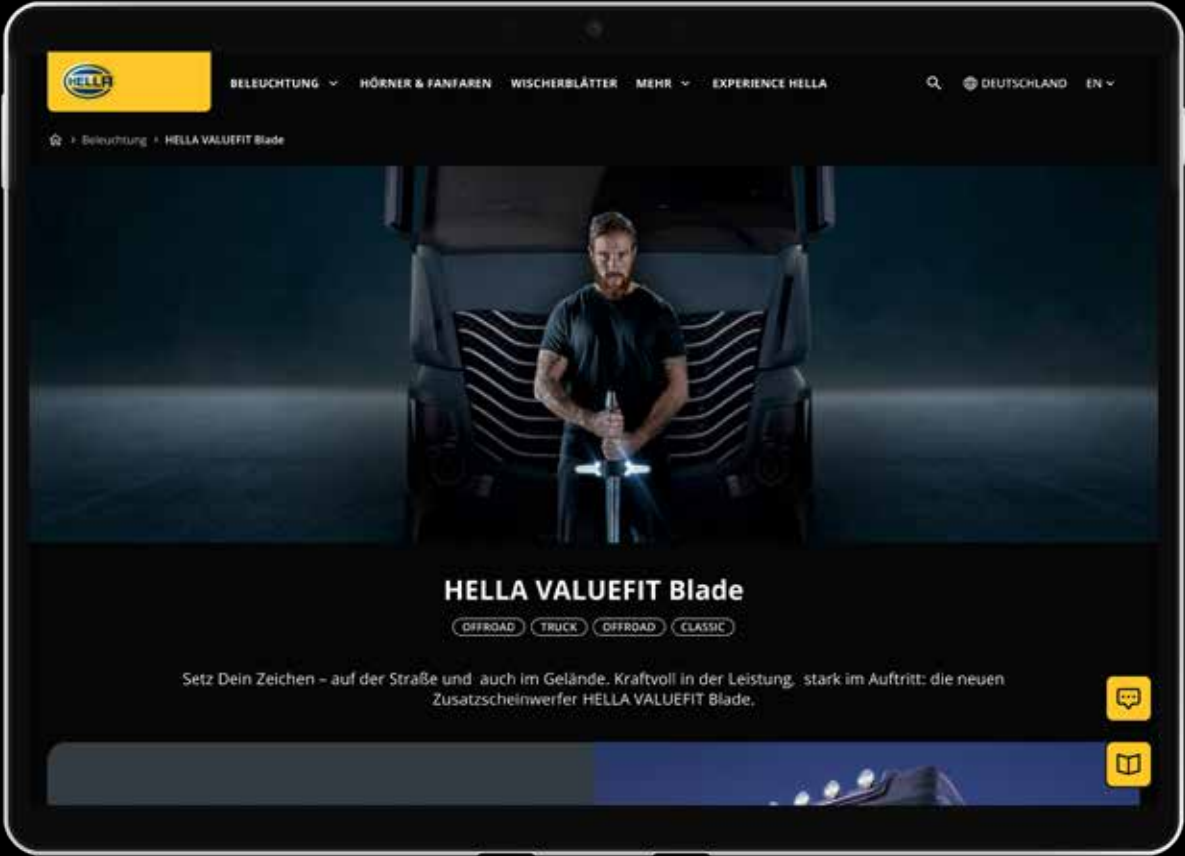


450 LED



Light source	LED, with LED position light
Light colour	White
Approved	ECE-R7, ECE-R10, ECE-R112
Connection	800 mm ^[1] or 500 mm ^[2] cable

1FE 358 154-031 ^[1]	ECE Ref. 12.5
1FE 358 154-041 ^[2]	ECE Ref. 12.5, with black stone shield
1FE 358 154-051 ^[1]	ECE Ref. 12.5, with black stone shield, Set: 2 lamps



HELLA LIGHTSTYLE

Products, inspiration & stories!
#hellalightstyle

www.hella.com/lightstyle



HELLA EXPERIENCES

Your photos are our inspiration! Tag us in your pictures and become part of the HELLA experience!

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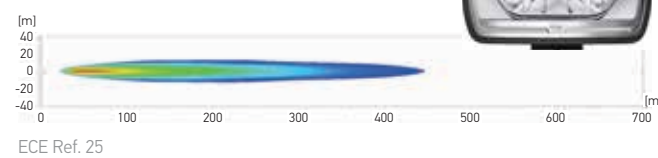


INSPIRATION AND INNOVATION:
**EXPERIENCE THE FUTURE
WITH THE HELLA SHOW TRUCK**

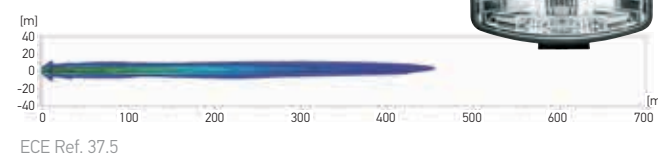


LIGHT DISTRIBUTIONS

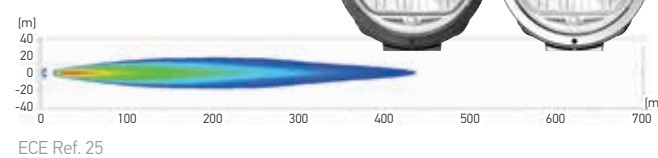
Jumbo LED [PAGE 71]
1FE 016 773-001 / -011



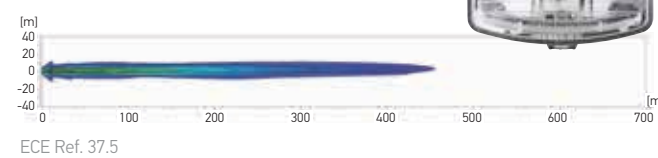
Jumbo 320 [PAGE 72]
1FE 008 773-041 (with halogen position light)



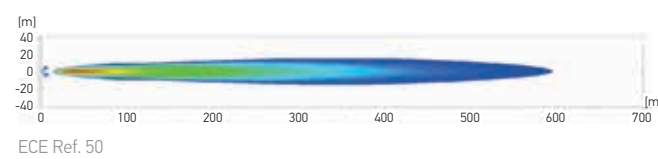
Luminator LED [PAGE 75]
1F8 016 560-001 / -021



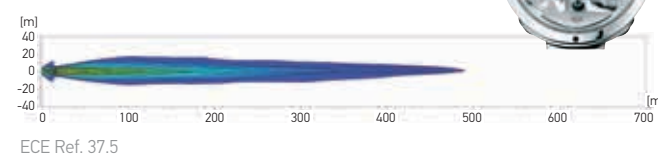
1FE 008 773-081 (with LED position light)



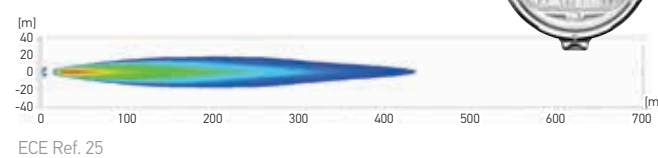
1F8 016 560-011 / -031



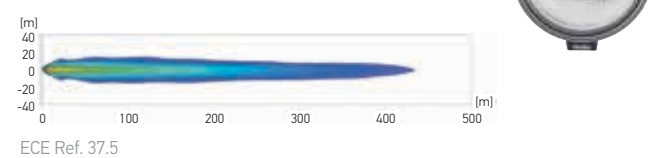
Luminator Chromium [PAGE 76]
1F8 007 560-311



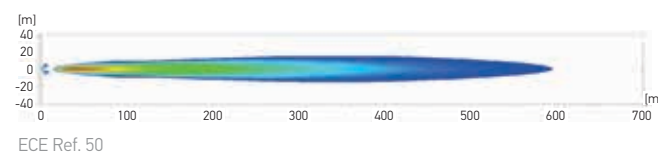
Rallye 3003 LED [PAGE 77]
1F8 016 797-001



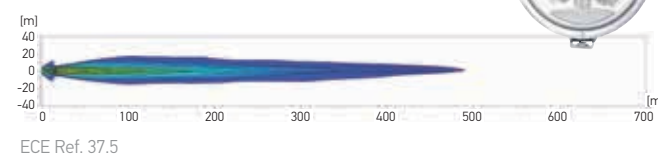
Rallye 3000 [PAGE 77]
1F8 006 800-051



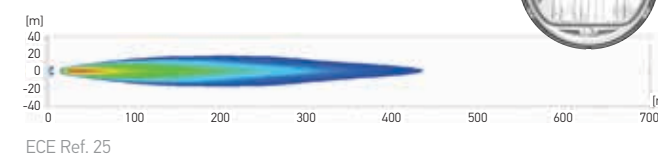
1F8 016 797-011



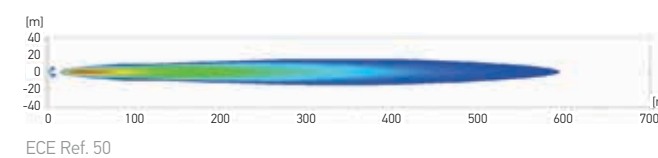
Rallye 3003 [PAGE 77]
1F8 009 797-101



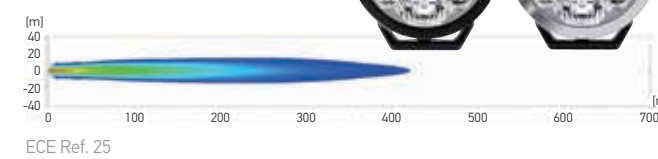
Lamp insert [PAGE 76]
1F8 241 400-011



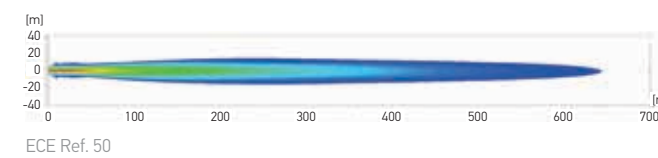
1F8 241 429-011



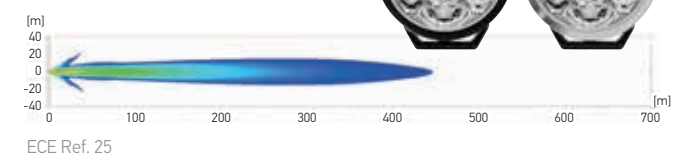
HELLA VALUEFIT
Blade 9" [PAGE 80]
 1FJ 357 199-001 / -021 / -041 / -061



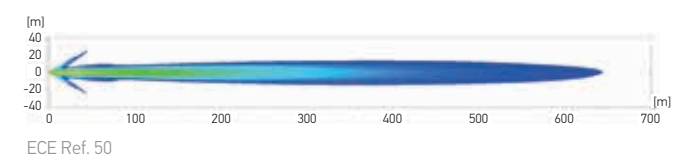
1FJ 357 199-011 / -031 / -051 / -071



HELLA VALUEFIT Blade 7" [PAGE 80]
1FJ 357 198-001/-021/-041/-061



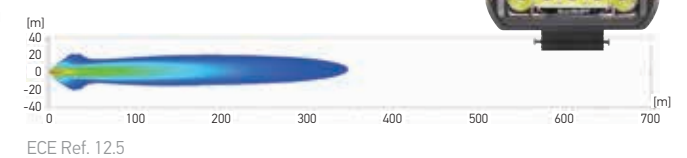
1FJ 357 198-011/-031/-051/-071



HELLA VALUEFIT
Blade RE 9" [PAGE 71]
 1FJ 357 199-081 /
 -091 / -181 / -191



HELLA VALUEFIT 450 LED [PAGE 82]
1FE 358 154-031 / -041 / -051



The light distribution patterns each show 2 lamps in operation.



With 10 LEDs



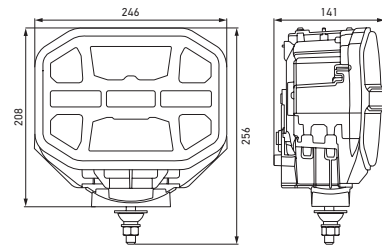
Direction indicator, side
(Cat. 5)



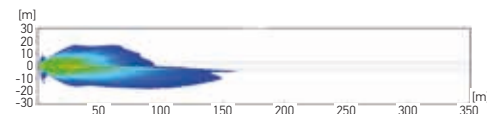
Direction indicator, European (ECE)



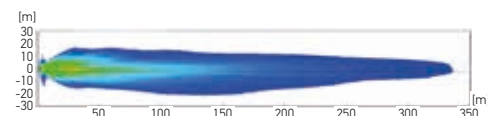
Low beam, high beam, position light



Upright mounting



ECE – low beam, right-hand traffic, asymmetric



ECE – high beam, right-hand traffic, asymmetric



ECE VERSION

C240

The new HELLA C240 LED combination lamp with high beam, low beam, daytime running light, position light, front direction indicator and rear direction indicator (Cat. 5) fulfils all ECE requirements. A specially developed thermal management system with temperature sensors prevents the lamp from overheating. With its robust cover lens made of shatterproof plastic, this lamp is particularly resistant to vibrations and impacts.

TECHNICAL DATA



Light function	High beam, low beam, daytime running light, position light, front direction indicator and side direction indicator (Cat. 5)
Power consumption	12 W (front direction indicator light), 12.5 W (daytime running light), 1 W (position light), 2.5 W (side direction indicator (Cat. 5)) ECE ASYM: 25 W (high beam), 17 W (low beam) ECE SYM: 17 W (high beam), 10 W (low beam)
Light source	LED
Light colour	White / amber
Approved	ECE ES: R149, ECE symmetrical: R149 Class CS, ECE R148, ECE R10
EMC	CISPR 25 Class 5
Connection	DEUTSCH DT connector, 6-pin

PART NUMBERS

ECE – Essential: Class C symmetrical	
1SF 328 550-011	Central mounting, left
1SF 328 550-021	Central mounting, right
1SF 328 550-031	Upright mounting, left
1SF 328 550-041	Upright mounting, right
1SF 328 550-491	Central mounting, Cat. 5 with daytime running light, left
1SF 328 550-501	Central mounting, Cat. 5 with daytime running light, right
ECE – Performance: Class B asymmetrical	
1EF 328 550-131	Central mounting, left
1EF 328 550-141	Central mounting, right
1EF 328 550-151	Upright mounting, left
1EF 328 550-161	Upright mounting, right
1EF 328 550-231	Upright mounting, Cat. 5 with daytime running light, left
1EF 328 550-241	Upright mounting, Cat. 5 with daytime running light, right



With 10 LEDs



Direction indicator, side (Cat. 5)



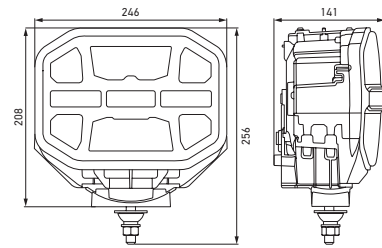
Direction indicator, American (SAE)



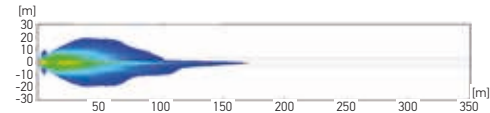
Low beam, high beam, position light

Robust cover lens

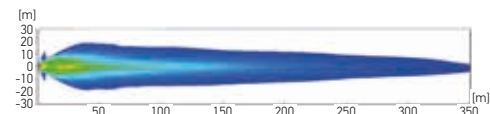
Unmistakable design with specially devised light patterns



Upright mounting



SAE - low beam asymmetrical

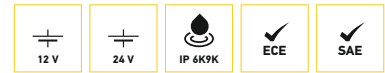


SAE - high beam asymmetrical

C240

The new HELLA C240 LED combination lamp with high beam, low beam, daytime running light, position light, front direction indicator and rear direction indicator (Cat. 5) fulfils all ECE and SAE requirements. A specially developed thermal management system with temperature sensors prevents the lamp from overheating. With its robust cover lens made of shatterproof plastic, this lamp is particularly resistant to vibrations and impacts.

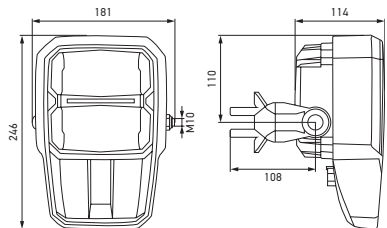
TECHNICAL DATA



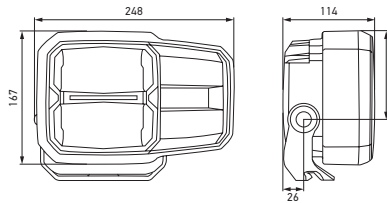
Light function	High beam, low beam, daytime running light, position light, front direction indicator and side direction indicator (Cat. 5)
Power consumption	12 W (front direction indicator light), 12.5 W (daytime running light), 1 W (position light), 2.5 W (side direction indicator (Cat. 5)) ECE ASYM: 25 W (high beam), 17 W (low beam) ECE SYM: 17 W (high beam), 10 W (low beam)
Light source	LED
Light colour	White / amber
Approved	ECE LES: R149, ECE symmetrical: R149 Class CS, ECE R148, ECE R10, FMVSS 108
EMC	CISPR 25 Class 5
Connection	DEUTSCH DT connector, 6-pin

PART NUMBERS

1EF 328 550-371	Central mounting, left
1EF 328 550-381	Central mounting, right
1EF 328 550-391	Upright mounting, left
1EF 328 550-401	Upright mounting, right
1EF 328 550-471	Upright mounting, Cat. 5 with daytime running light, left
1EF 328 550-481	Upright mounting, Cat. 5 with daytime running light, right



Vertical surface mounting



Horizontal surface mounting

C140 LED

IDEAL FOR WINTER WEATHER SERVICES



Light function	High beam, low beam, position light and direction indicator light
Light source	LED
Light colour	White
Approved	ECE-R10, ECE-R112
EMC	CISPR 25 Class 4
Connection	DEUTSCH DT connector

1EE 996 374-001	Right / left, right-hand traffic, vertical surface mounting
1EE 996 374-011	Left, right-hand traffic, horizontal surface mounting
1EE 996 374-021	Right, right-hand traffic, horizontal surface mounting
1LE 996 374-031	Left, left-hand traffic, horizontal surface mounting
1LE 996 374-041	Right, left-hand traffic, horizontal surface mounting

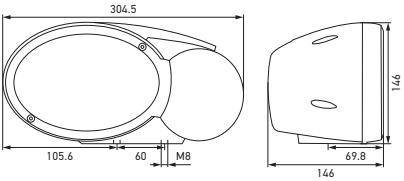
COMBI 120

IDEAL FOR WINTER WEATHER SERVICES



Light function	High beam, low beam, position light and direction indicator light
Light source	Halogen
Light colour	White / amber
Approved	ECE-R10, ECE-R112
Connection	DEUTSCH DT connector

1EB 996 167-031	Left
1EB 996 167-041	Right



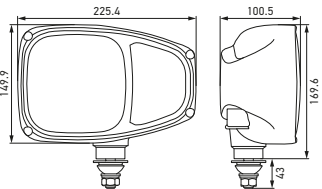
COMBI 220

IDEAL FOR WINTER WEATHER SERVICES



Light function	High beam, low beam, position light and direction indicator light
Light source	Halogen
Light colour	White / amber
Approved	ECE-R10, ECE-R112, SAE ⁽¹⁾
Connection	DEUTSCH DT connector

1EE 996 174-251 ⁽¹⁾	12 V, left
1EE 996 174-261 ⁽¹⁾	12 V, right
1EE 996 174-391	24 V, left
1EE 996 174-401	24 V, right



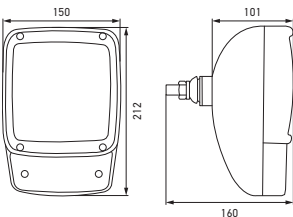
M120

IDEAL FOR WINTER WEATHER SERVICES



Light function	High beam, low beam, position light and direction indicator light
Light source	Halogen
Light colour	White / amber
Approved	ECE-R113
Connection	AMP connector

1SA 996 120-471	Right / left
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UPGRADE TO LED TECHNOLOGY NOW!

LOOK WAY AHEAD – WITH FRONT LIGHTING SOLUTIONS FROM HELLA

On long journeys and in dark car parks, you are done for without powerful lamps. They are, so to speak, the eyes of the vehicle and ensure that you and your passengers are safe on the road.

The HELLA 90 mm front lighting modules are specially tailored to suit the requirements of motorhomes. And they can be used in virtually all vehicles and situations because of the wide range of functions that they offer. The modules are small but powerful – and provide a high degree of flexibility thanks to their modular concept, particularly so when it comes to motorhomes. As a result of the future-proof HELLA upgrade concept, classic halogen modules can also be converted at a later date to efficient, light-intense LED technology.



MODULE FINDER

Find the right module lamp in just a few clicks: simply use the filter to select the required criteria, such as the light function or homologation, and you will see suitable products right away.

www.hella.com/90mm-modules

WORK LAMPS

EFFICIENT LAMPS FROM HELLA

HELLA work lamps stand out in sharp relief from the rest not only because of their powerful light output, but also thanks to their robustness and durability. The housings are made of either impact-resistant, glass fibre-reinforced plastic or sturdy aluminium. Almost all LED models have a coated aluminium housing that ensures efficient heat dissipation. The LEDs are vibration-resistant and equipped with a thermal management system, which dims individual LEDs if there is a risk of overheating in order to extend their service life. In addition, all HELLA work lamps are waterproof and fitted with precisely bonded cover lenses made of impact-resistant and scratch-resistant plastic. The compact design in a neutral black prevents any unwanted reflections.

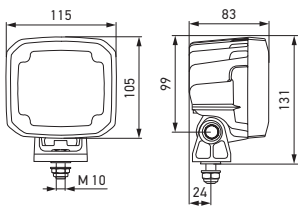


Compact and robust design
with aluminium housing

Improved light distribution for
excellent light output

Battery-saving, soft start
electronics

High energy efficiency



ULTRA BEAM
S SERIES

An ultra-efficient update: the HELLA Ultra Beam S series offers outstanding light output with minimal energy consumption. And with just a power consumption of 39 w, the work lamps generate 4,400 lm, which corresponds to more than 110 lm per watt. Equipped with 8 high-performance LEDs and a colour temperature of 6,500 K, they provide illumination similar to daylight. The lamps offer overvoltage protection, a thermal sensor and soft start for optimum performance and durability.

TECHNICAL DATA

12 V	24 V	6500 K	-40 ~ +85 °C	IP 6K8
IP 6K9K	ECE	RCM	ADR	EMC
			PRP	

Power consumption	12 V: Ø 39 W 24 V: Ø 37.5 W
Light output (calculated)	5,500 lm
Light output (effective)	4,400 lm
Light source	8 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
EMC	CISPR 25 Class 5
Compliant	RCM
Mounting	Upright and pendant
Connection	DEUTSCH DT 2-pin connector

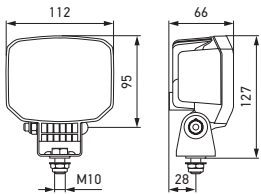
PART NUMBERS

1GA 995 706-001	Close-range illumination (patterned cover lens)
1GA 995 706-011	Long-range illumination (clear cover lens)

Simple conversion from halogen to LED with illumination similar to daylight

High efficiency and long service life thanks to innovative overheating protection

Universal applicability



POWER BEAM
S SERIES

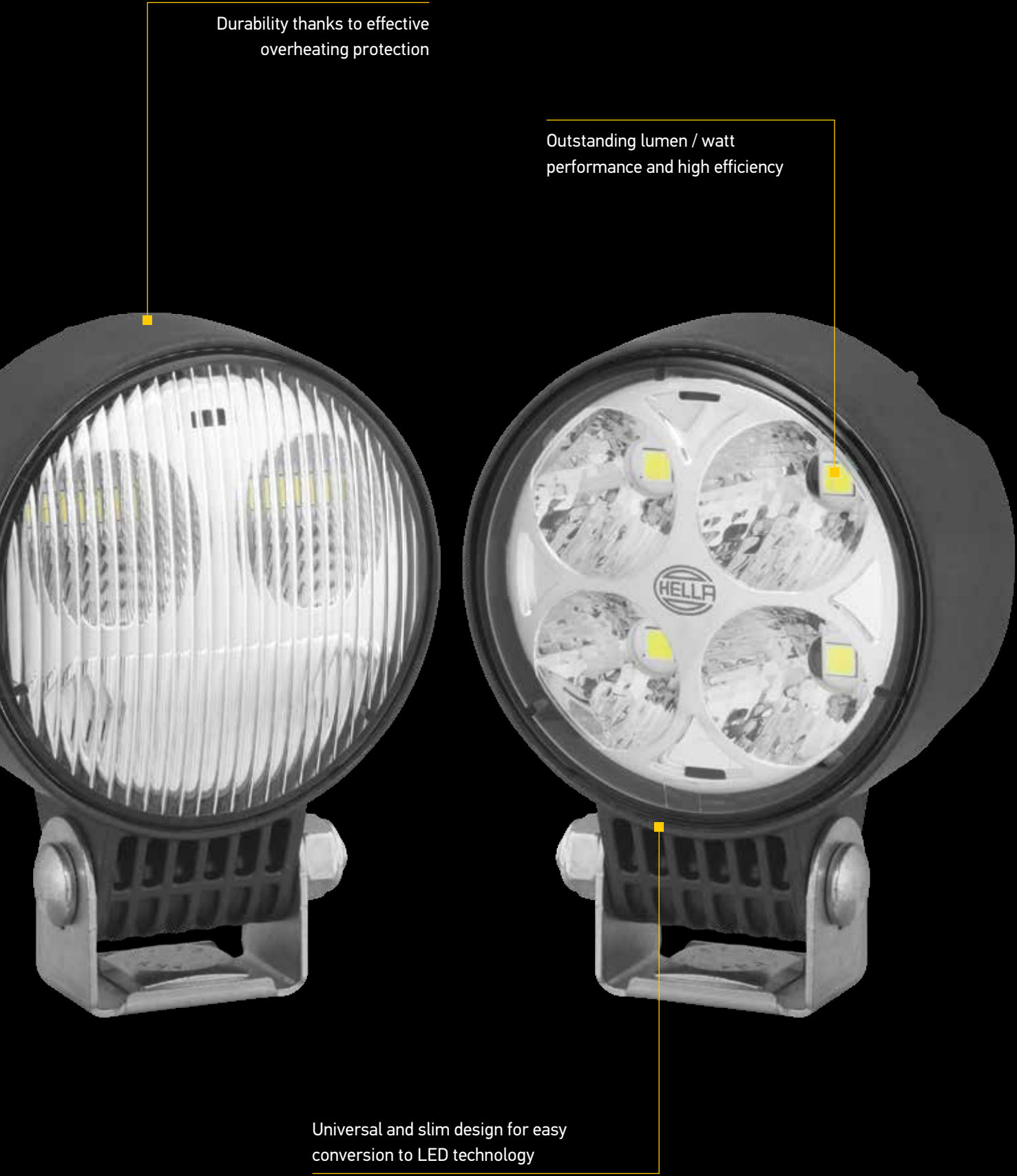
Because of its universal and slim design, the HELLA Power Beam S series can replace existing halogen units like-for-like without any problem. These lamps boast higher efficiency and a longer service life. Depending on the model, the Power Beam S series achieves a light output of 1,000 lm or 1,850 lm. Automatic dimming at temperatures above 50 °C and the new, efficient cooling fins prevent the work lamps from overheating. The housing and the cover lens of the Power Beam S series are made of special, light and corrosion-resistant plastics.

TECHNICAL DATA

Power consumption	Variant 1,150 lm 12 V: 11.2 W 24 V: 11.6 W Variant 1,850 lm 12 V: 17 W 24 V: 17 W
Light output (calculated)	1,440 lm or 2,300 lm
Light output (effective)	1,150 lm or 1,850 lm
Light source	2 or 4 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
EMC	CISPR 25 Class 5 (12 V) and Class 4 (24 V)
Compliant	RCM
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

PART NUMBERS

Variant 1,150 lm, 2 LEDs	
1GA 996 588-001	Close-range illumination (patterned cover lens)
1GA 996 588-011	Long-range illumination (clear cover lens)
Variant 1,850 lm, 4 LEDs	
1GA 996 588-201	Close-range illumination (patterned cover lens)
1GA 996 588-211	Long-range illumination (clear cover lens)



Durability thanks to effective overheating protection

Outstanding lumen / watt performance and high efficiency

Universal and slim design for easy conversion to LED technology



MODULE 70
S SERIES

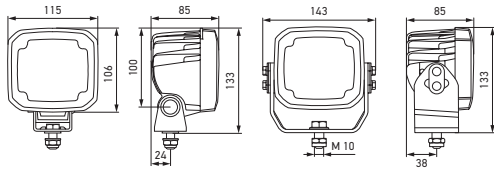
The HELLA Module 70 S series makes it easier to switch from halogen to LED technology thanks to its compact design. These LED work lamps boast higher efficiency and a longer service life. The Module 70 S series is available in two light intensities: 1,150 lm and 1,850 lm. New, efficient cooling fins and automatic dimming at temperatures above 50 °C prevent the lamps from overheating. The housing and cover lens of the Module 70 S series are made of special, lightweight plastics that are corrosion-resistant. By reducing weight and improving energy efficiency, the S series also helps to reduce CO₂ emissions.

TECHNICAL DATA

Power consumption	Variant 1,150 lm 12 V: 11.2 W 24 V: 11.6 W Variant 1,850 lm 12 V: 17 W 24 V: 17 W
Light output (calculated)	1,440 lm or 2,300 lm
Light output (effective)	1,150 lm or 1,850 lm
Light source	2 or 4 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
EMC	CISPR 25 Class 5 (12 V) and Class 4 (24 V)
Compliant	RCM
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

PART NUMBERS

Variant 1,150 lm, 2 LEDs	
1G0 996 776-001	Close-range illumination (patterned cover lens)
1G0 996 776-011	Long-range illumination (clear cover lens)
Variant 1,850 lm, 4 LEDs	
1G0 996 776-201	Close-range illumination (patterned cover lens)
1G0 996 776-211	Long-range illumination (clear cover lens)



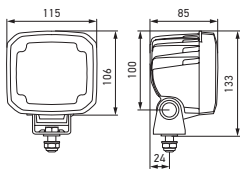
Heavy Duty

ULTRA BEAM LED GENERATION 2



Power consumption	50 W
Light output (calculated)	5,500 lm
Light output (effective)	4,400 lm
Light source	8 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
EMC	CISPR 25 Class 5
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GA 995 606-001	Close-range illumination (patterned cover lens)
1GA 995 606-011	Long-range illumination (clear cover lens)
1GA 995 606-031	Extra wide illumination (patterned cover lens)
1GA 995 606-071	Close-range illumination (patterned cover lens), heavy duty bracket
1GA 995 606-081	Long-range illumination (clear cover lens), heavy duty bracket



ULTRA BEAM LED GENERATION 1



Power consumption	30 W
Light output (calculated)	2,750 lm
Light output (effective)	2,200 lm
Light source	9 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

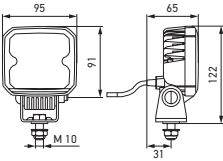
1GA 995 506-001	Close-range illumination (patterned cover lens)
1GA 995 506-031	Long-range illumination (clear cover lens)

Q90 LED COMPACT



Power consumption	15 W
Light output (calculated)	1,500 lm
Light output (effective)	1,200 lm
Light source	4 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE R10, ADR / GGVSEB (-081 and -091)
Mounting	Upright and pendant

1GA 996 284-001	Close-range illumination (patterned cover lens), 500 mm cable with open ends
1GA 996 284-011	Long-range illumination (clear cover lens), 500 mm cable with open ends
1GA 996 284-081	Close-range illumination (patterned cover lens), 150 mm cable, DEUTSCH DT connector
1GA 996 284-091	Long-range illumination (clear cover lens), 150 mm cable, DEUTSCH DT connector



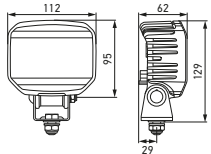
ACCESSORIES



WIRING HARNESS
2,000 mm cable, AMP connector. For work lamps.
1 pc
8KB 990 299-001



WIRING HARNESS
2,000 mm cable, DEUTSCH DT connector. For work lamps.
1 pc
8KB 990 299-011

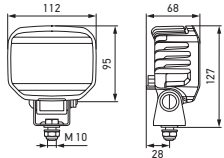


POWER BEAM 1000



Power consumption	13 W
Light output (calculated)	1,100 lm
Light output (effective)	850 lm
Light source	6 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GA 996 188-001	Close-range illumination (clear cover lens), glass
1GA 996 188-021	Close-range illumination (clear cover lens), plastic

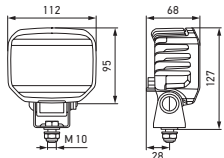


POWER BEAM 1000 COMPACT



Power consumption	12 W
Light output (calculated)	1,250 lm
Light output (effective)	1,000 lm
Light source	6 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GA 996 188-501	Close-range illumination (patterned cover lens)
1GA 996 188-511	Long-range illumination (clear cover lens)



POWER BEAM 1500



Power consumption	22 W
Light output (calculated)	1,625 lm
Light output (effective)	1,300 lm
Light source	6 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
Compliant	RCM
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

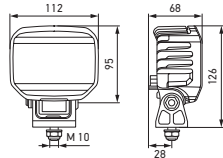
1GA 996 288-001	Long-range illumination (clear cover lens)
1GA 996 288-011	Close-range illumination (patterned cover lens)

POWER BEAM 1800 COMPACT

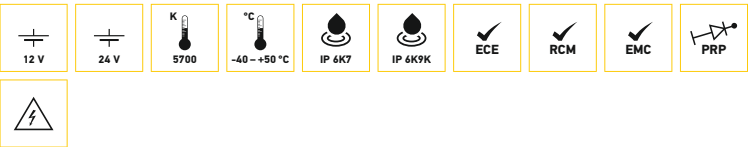


Power consumption	26 W
Light output (calculated)	2,300 lm
Light output (effective)	1,850 lm
Light source	6 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
Compliant	RCM
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GA 996 488-001	Close-range illumination (patterned cover lens)
1GA 996 488-011	Long-range illumination (clear cover lens)

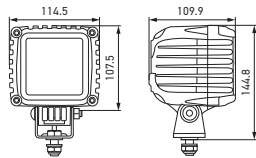


POWER BEAM 2000



Power consumption	43 W
Light output (calculated)	2,750 lm
Light output (effective)	2,200 lm
Light source	16 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	2,000 mm cable with open ends

1GA 996 189-001	Close-range illumination (patterned cover lens)
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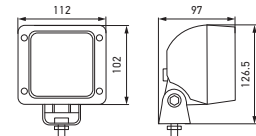


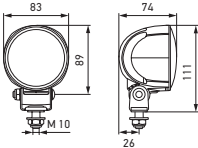
POWER BEAM 3000



Power consumption	43 W
Light output (calculated)	3,750 lm
Light output (effective)	3,000 lm
Light source	16 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	2,000 mm cable with open ends

1GA 996 192-001	Close-range illumination (patterned cover lens)
1GA 996 192-011	Long-range illumination (clear cover lens)



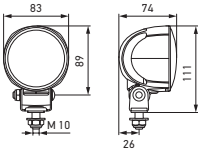


MODULE 70 LED GENERATION 3



Power consumption	13 W
Light output (calculated)	1,000 lm
Light output (effective)	800 lm
Light source	4 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	2,000 mm cable with open ends

1G0 996 276-451 Close-range illumination (patterned cover lens)

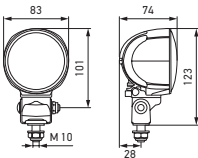


MODULE 70 LED GENERATION 3 BLUE



Power consumption	13 W
Light output (calculated)	1,000 lm
Light output (effective)	800 lm
Light source	4 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	2,000 mm cable with open ends

1G0 996 276-701 Long-range illumination (clear cover lens, blue)



MODULE 70 LED GENERATION 3.2



Power consumption	20 W
Light output (calculated)	2,250 lm
Light output (effective)	1,800 lm
Light source	3 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	2,000 mm cable with open ends

1G0 996 576-001 Long-range illumination (clear cover lens)

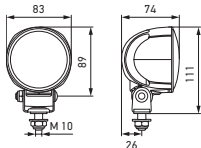
MODULE 70 LED GENERATION 5



Power consumption	29 W
Light output (calculated)	4,375 lm
Light output (effective)	3,500 lm
Light source	3 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	2,000 mm cable with open ends

1G0 996 476-001 Close-range illumination (patterned cover lens)

1G0 996 476-011 Long-range illumination (clear cover lens)



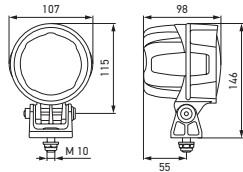
MODULE 90 LED



Power consumption	45 W
Light output (calculated)	4,750 lm
Light output (effective)	3,800 lm
Light source	4 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1G0 996 263-031 Close-range illumination (patterned cover lens)

1G0 996 263-051 Long-range illumination (clear cover lens)



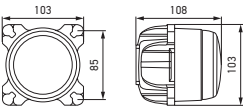
MODULE 90I LED

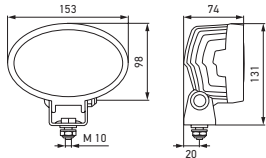
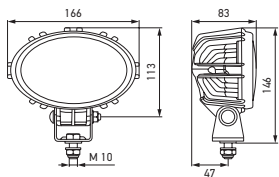
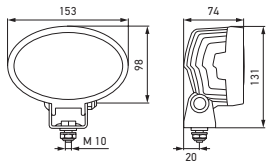


Power consumption	42 W
Light output (calculated)	4,750 lm
Light output (effective)	3,800 lm
Light source	4 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Flush mounting
Connection	DEUTSCH DT connector

1G0 996 263-501 Close-range illumination (patterned cover lens)

1G0 996 263-511 Long-range illumination (clear cover lens)





OVAL 100 LED GEN. 1

12 V

24 V

K
6500

°C
-40 – +50 °C

IP 6K7

IP 6K9K

✓
ECE

✓
EMC

ADR

PRP

⚡

Power consumption	25 W
Light output (calculated)	2,125 lm
Light output (effective)	1,700 lm
Light source	8 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GA 996 661-001 Close-range illumination (patterned cover lens)

OVAL 100 LED COMPACT

12 V

24 V

K
6500

°C
-40 – +50 °C

IP 6K7

IP 6K9K

✓
ECE

✓
RCM

✓
EMC

PRP

⚡

Power consumption	26 W
Light output (calculated)	2,300 lm
Light output (effective)	1,850 lm
Light source	8 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GA 996 761-101 Close-range illumination (patterned cover lens)
1GA 996 761-111 Long-range illumination (clear cover lens)

OVAL 100 LED GEN. 2

12 V

24 V

K
6500

°C
-40 – +50 °C

IP 6K7

IP 6K9K

✓
ECE

✓
EMC

PRP

⚡

Power consumption	56 W
Light output (calculated)	5,500 lm
Light output (effective)	4,400 lm
Light source	8 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GA 996 761-001 Close-range illumination (patterned cover lens)
1GA 996 761-011 Long-range illumination (clear cover lens)

OVAL 90 LED GENERATION 2

12 V

24 V

K
6500

°C
-40 – +50 °C

IP 6K8

IP 6K9K

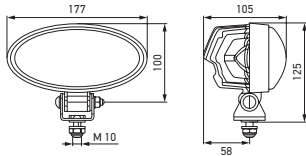
✓
ECE

✓
EMC

PRP

Power consumption	12 V: 58 W 24 V: 60 W
Light output (calculated)	6,250 lm
Light output (effective)	5,000 lm
Light source	10 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

1GB 996 486-001 Close-range illumination (patterned cover lens)
1GB 996 486-011 Long-range illumination (clear cover lens)



FLAT BEAM 500

12 V

24 V

K
5700

IP 6K7

IP 6K9K

✓
ECE

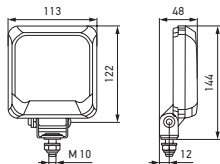
✓
EMC

PRP

⚡

Power consumption	7 W
Light output (calculated)	700 lm
Light output (effective)	550 lm
Light source	30 LEDs
Material	Housing: glass-fibre reinforced plastic, cover lens: plastic
Approved	ECE-R10
Mounting	Upright
Connection	2,000 mm cable with open ends

1GA 995 193-001 Close-range illumination (patterned cover lens)



FLAT BEAM 1000

12 V

24 V

K
6500

IP 6K7

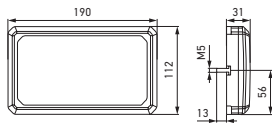
IP 6K9K

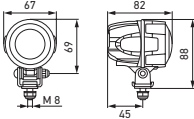
✓
ECE

✓
EMC

Power consumption	11 W
Light output (calculated)	1,375 lm
Light output (effective)	1,100 lm
Light source	60 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10
Mounting	Upright
Connection	2,000 mm cable with open ends

1GD 996 193-051 Extra wide illumination (patterned cover lens)

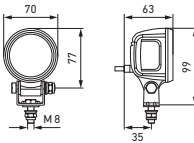




MODULE 50 LED

Power consumption	15 W
Light output (calculated)	1,000 lm
Light output (effective)	800 lm
Light source	1 LED
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	DEUTSCH DT connector

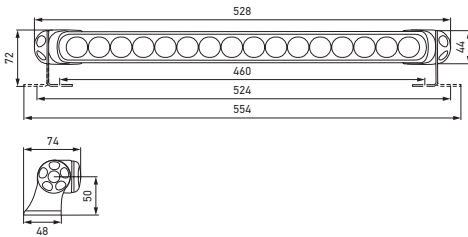
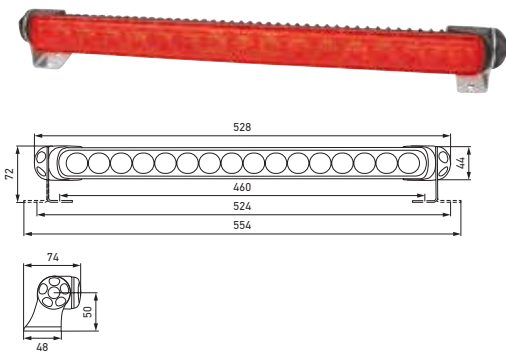
1G0 995 050-001	Light colour: white, close-range illumination (patterned cover lens), upright surface mounting
1G0 995 050-011	Light colour: white, close-range illumination (patterned cover lens), pendant surface mounting
1G0 995 050-021	Light colour: white, long-range illumination (clear cover lens), upright surface mounting
1G0 995 050-051	Projected symbol: white spot
1G0 995 050-061	Projected symbol: blue spot
1G0 995 050-081	Projected symbol: red spot



SL60 LED

Power consumption	Red: 5.5 W Blue: 7 W
Light source	3 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Horizontal or vertical as required (stripe direction)
Connection	500 mm cable with open ends

1G0 996 210-001	Projected symbol: blue light stripe
1G0 996 210-011	Projected symbol: red light stripe



LED LIGHTBAR LB470 RED

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Power consumption	25 W
Light source	16 LEDs
Material	Housing: heat conductive plastic
Approved	ECE-R10
Mounting	Upright
Connection	2,500 mm cable with open ends

2XD 958 130-661	Projected symbol: broad light stripe, red
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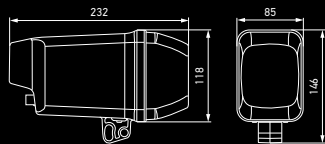
PROJECTION MODULE

Power consumption	27 W
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright or pendant as required
Connection	2,000 mm cable with open ends

2XA 996 200-101	Projected symbol: danger zone traffic sign 101
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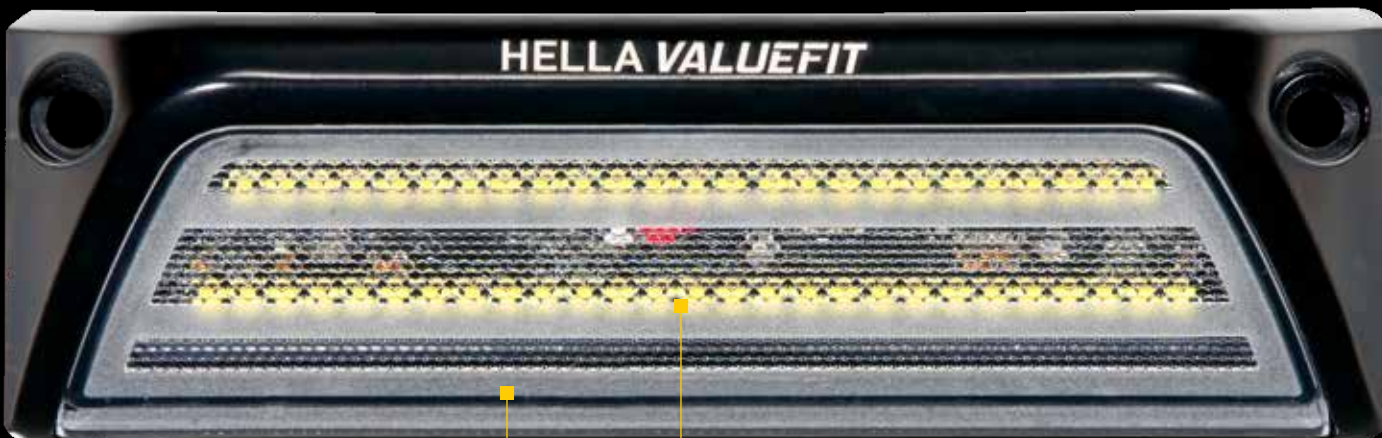
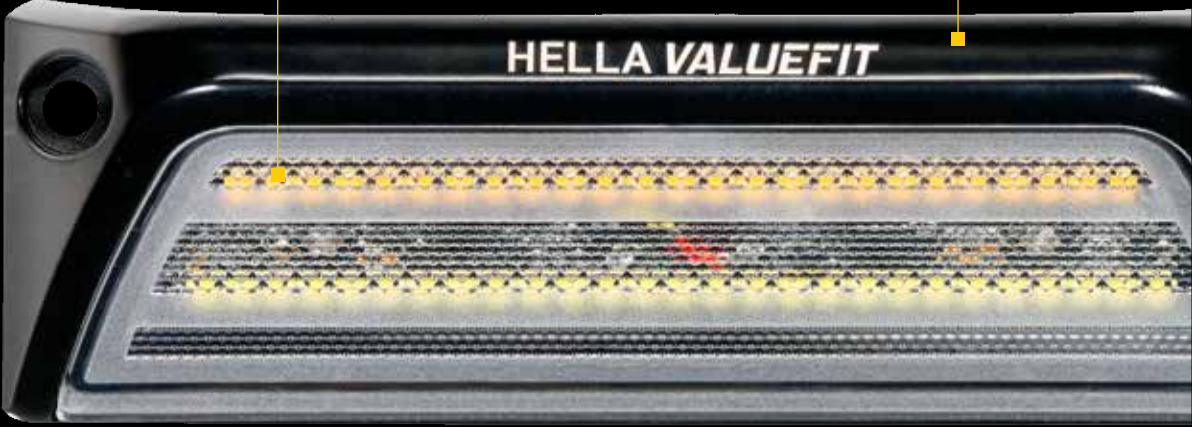
Projection



Slender compact design

Dual variant is switchable from white to amber light

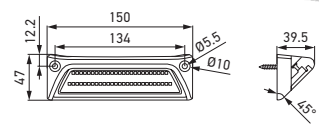
WHITE OR AMBER



Homogeneous and wide-ranging light distribution

Perfect design for a huge variety of applications

HELLA
VALUEFIT



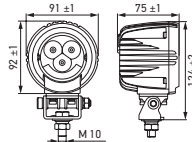
SMS2000 LED

The HELLA VALUEFIT SMS2000 LED is a flat, compact LED work lamp with a stylish, discreet design. The slim vertical design lends itself well for mounting on the wall of a vehicle when space is tight, enabling it to be seamlessly integrated into a vehicle's contour. Thanks to the compact design that has no protruding parts or sharp edges, the risk of injury to persons is kept to a minimum. This means that, even at high speeds, the work lamp is resistant to external influences. The SMS2000 LED also ensures uniform and wide-ranging light distribution.

TECHNICAL DATA					
					
12 V	24 V	6000	3000	-40 - +60 °C	
					
IP 67	IP 68	IP 69K	ECE	EMC	
					
PRP					
Power consumption					10 W
Light output (calculated)					Single: 3,500 lm, Dual: 2,000 lm (white) / 1,800 lm (amber)
Light output (effective)					Single: 2,000 lm, Dual: 1,000 lm (white) / 900 lm (amber)
Light function					Extra wide illumination(patterned cover lens)
Light source					52 LEDs
Light colour					Single: white ^[1] , Dual: white ^[1] / amber ^[2]
Material					Housing: aluminium, cover lens: plastic
Approved					ECE-R10
Mounting					Flat surface mounting on the vehicle (including screws and rubber seals)
Connection					500 mm cable with open ends
PART NUMBERS					
1GB 357 098-001					Single / single light, white
1GB 357 098-011					Dual / dual function, white / amber (switchable)



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R2100 2.0

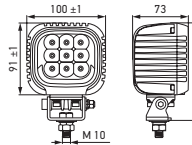


Power consumption	30 W
Light output (calculated)	3,500 lm
Light output (effective)	2,100 lm
Light source	3 LEDs for work lamps, 6 LEDs for position light, white and amber
Material	Housing: aluminium, cover lens: plastic
Approved	ECE R10, ECE R148, ECE R86 (position light, white)
Mounting	Upright
Connection	300 mm harness with 4-pin DEUTSCH DT connector with 500 mm cable

1G0 357 109-111 Close-range illumination (patterned cover lens),
position light, white and amber



HELLA
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S3000 2.0



Power consumption	40 W
Light output (calculated)	5,000 lm
Light output (effective)	3,000 lm
Light source	9 LEDs for work lamps, 12 LEDs for position light, white and amber
Material	Housing: aluminium, cover lens: plastic
Approved	ECE R10, ECE R148, ECE R86 (position light, white)
Compliant	RCM
Mounting	Upright
Connection	300 mm harness with 4-pin DEUTSCH DT connector with 500 mm cable

1GA 357 109-031 Close-range illumination (patterned cover lens),
position light, white and amber

1GA 357 109-041 Long-range illumination (clear cover lens),
position light, white and amber

S5000 2.0

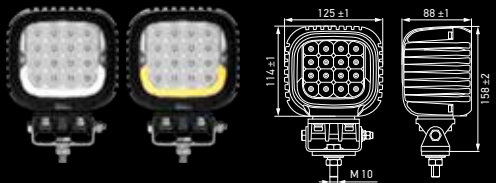


Power consumption	65 W
Light output (calculated)	8,300 lm
Light output (effective)	5,000 lm
Light source	16 LEDs for work lamps, 8 LEDs for position light, white and amber
Material	Housing: aluminium, cover lens: plastic
Approved	ECE R10, ECE R148, ECE R86 (position light, white)
Mounting	Upright
Connection	300 mm harness with 4-pin DEUTSCH DT connector with 500 mm cable

1GA 357 109-221 Close-range illumination (patterned cover lens),
position light, white and amber

1GA 357 109-231 Long-range illumination (clear cover lens),
position light, white and amber

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S800

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Power consumption	9 W
Light output (calculated)	950 lm
Light output (effective)	800 lm
Light source	5 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	800 mm cable with open ends

1GA 357 107-012	Close-range illumination (patterned cover lens)
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HELLA
VALUEFIT

S1500

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Power consumption	15 W
Light output (calculated)	2,160 lm
Light output (effective)	1,500 lm
Light source	9 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	800 mm cable with open ends

1GA 357 103-012	Close-range illumination (patterned cover lens)
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HELLA
VALUEFIT

S2500

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Power consumption	25 W
Light output (calculated)	3,840 lm
Light output (effective)	2,500 lm
Light function	Close-range illumination (patterned cover lens)
Light source	16 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant

1GA 357 106-022	800 mm cable with open ends
1GA 357 106-032	3,000 mm cable with open ends

S3000

Power consumption	31 W or 25 W ^[1]
Light output (calculated)	Close-range illumination: 5,000 lm Long-range illumination: 5,600 lm Close-range illumination, amber: 2,750 lm
Light output (effective)	Close-range illumination: 3,000 lm Long-range illumination: 3,400 lm Close-range illumination, amber: 2,200 lm
Light source	9 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	800 mm cable, DEUTSCH DT connector.

1GA 357 109-002	Close-range illumination (patterned cover lens)
1GA 357 109-012	Long-range illumination (clear cover lens)
1GA 357 109-022 ^[1]	Close-range illumination (patterned cover lens, amber)

HELLA
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S5000

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Power consumption	50 W
Light output (calculated)	8,300 lm
Light output (effective)	5,000 lm
Light source	16 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant
Connection	800 mm cable, DEUTSCH DT connector.

1GA 357 109-201	Close-range illumination (patterned cover lens)
1GA 357 109-211	Long-range illumination (clear cover lens)

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^[1] Product variants with position light can be found on pages 116 and 117.



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R500

12 V

24 V

5500

-40 – +65 °C

IP 67

ECE

EMC

PRP

Power consumption12 W

Light output (calculated)1,000 lm

Light output (effective)500 lm

Light source4 LEDs

MaterialHousing: aluminium, cover lens: plastic

ApprovedECE-R10

MountingUpright and pendant

Connection550 mm cable with open ends

160 357 000-001

Close-range illumination (clear lens)



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R600

12 V

24 V

5500

-40 – +65 °C

IP 67

ECE

EMC

PRP

Power consumption12 W

Light output (calculated)1,000 lm

Light output (effective)500 lm

Light source4 LEDs

MaterialHousing: aluminium, cover lens: plastic

ApprovedECE-R10

MountingUpright and pendant

Connection2,000 mm cable with open ends

160 357 000-011^[1]

Close-range illumination (clear lens)



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R900

12 V

24 V

6000

-40 – +65 °C

IP 6K7

IP 6K9K

ECE

EMC

PRP

Power consumption9 W

Light output (calculated)1,140 lm

Light output (effective)900 lm

Light source6 LEDs

MaterialHousing: aluminium, cover lens: plastic

ApprovedECE-R10

MountingUpright and pendant

Connection800 mm cable with open ends

160 357 108-012

Close-range illumination (patterned cover lens)

R1500

12 V

24 V

6000

-40 – +65 °C

IP 6K7

IP 6K9K

ECE

EMC

PRP

Power consumption15 W

Light output (calculated)2,160 lm

Light output (effective)1,500 lm

Light source9 LEDs

MaterialHousing: aluminium, cover lens: plastic

ApprovedECE-R10

MountingUpright and pendant

Connection800 mm cable with open ends

160 357 101-012

Close-range illumination (patterned cover lens)

R2100

12 V

24 V

6000

-40 – +65 °C

IP 6K7

IP 6K9

ECE

EMC

PRP

Power consumption21 W

Light output (calculated)3,500 lm

Light output (effective)2,100 lm

Light source4 LEDs

MaterialHousing: aluminium, cover lens: plastic

ApprovedECE-R10

MountingUpright and pendant

Connection800 mm cable, DEUTSCH DT connector.

160 357 109-101

Close-range illumination (patterned cover lens)

R2200

12 V

24 V

6000

-40 – +65 °C

IP 6K7

IP 6K9K

ECE

EMC

PRP

Power consumption25 W

Light output (calculated)2,660 lm

Light output (effective)2,200 lm

Light source14 LEDs

MaterialHousing: aluminium, cover lens: plastic

ApprovedECE-R10

MountingUpright and pendant

Connection800 mm cable with open ends

161 357 105-022

Close-range illumination (patterned cover lens)



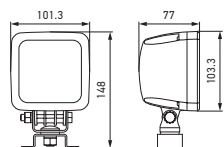
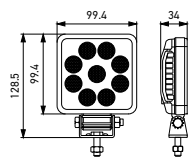
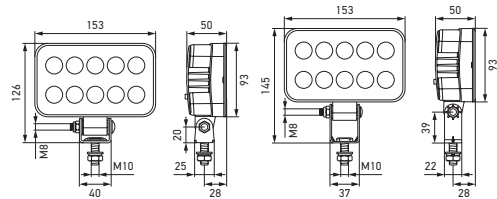
HELLA
VALUEFIT



HELLA
VALUEFIT



HELLA
VALUEFIT



MASTER 1400 LED



Power consumption	18 W
Light output (calculated)	2,400 lm
Light output (effective)	1,350 lm
Light function	Close-range illumination (patterned cover lens)
Light source	10 LEDs
Material	Housing: plastic, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
Mounting	Upright and pendant
Connection	500 mm cable with open ends

1GA 357 060-001	With long fastening bracket
1GA 357 877-001	With short fastening bracket

PS1000 LED



Power consumption	9 W
Light output (calculated)	1,440 lm
Light output (effective)	1,000 lm
Light source	9 LEDs
Material	Housing: plastic, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	800 mm cable with open ends

1GA 357 114-002	Close-range illumination (patterned cover lens)
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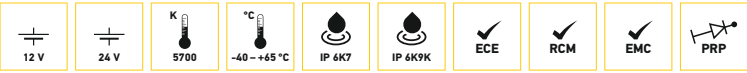
SQ 1800 LED



Power consumption	19 W
Light output (calculated)	2,520 lm
Light output (effective)	1,800 lm
Light function	Close-range illumination (clear cover lens)
Light source	36 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ADR / GGVSEB
Mounting	Upright

1GA 357 116-001	2,500 mm cable with open ends
1GA 357 116-011	4,000 mm cable with open ends

TS1700 / TR1700 LED



Power consumption	24 W
Light output (calculated)	2,650 lm
Light output (effective)	1,700 lm
Light function	Close-range illumination (patterned cover lens)
Light source	4 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	800 mm cable with open ends

1GA 357 110-002	TS1700 LED, square design
1G0 357 111-002	TR1700 LED, round design

TS3000 / TR3000 LED



Power consumption	31 W
Light output (calculated)	6,260 lm
Light output (effective)	3,000 lm
Light function	Close-range illumination (patterned cover lens)
Light source	9 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Compliant	RCM
Mounting	Upright and pendant
Connection	800 mm cable with open ends

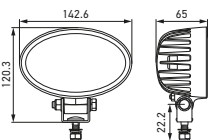
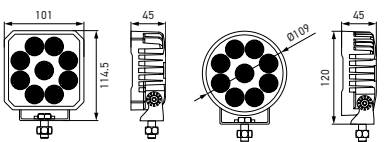
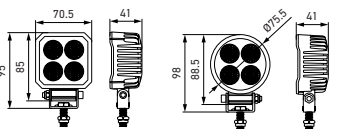
1GA 357 112-002	TS3000 LED, square design
1G0 357 113-002	TR3000 LED, round design

O1200 LED



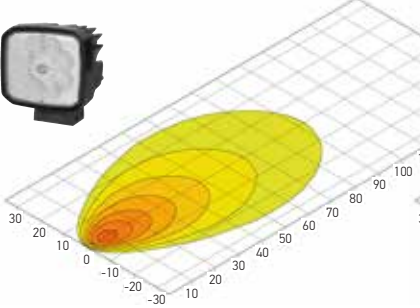
Power consumption	24 W
Light output (calculated)	1,800 lm
Light output (effective)	1,200 lm
Light function	Close-range illumination (clear cover lens)
Light source	8 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10
Mounting	Upright and pendant

1GA 357 001-001	530 mm cable with open ends
1GA 357 001-011	2,000 mm cable with open ends



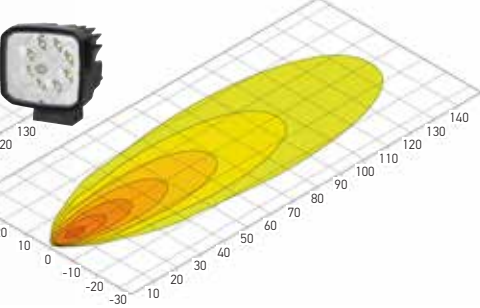
LIGHT DISTRIBUTIONS

Ultra Beam S series [PAGE 99]
1GA 995 706-001



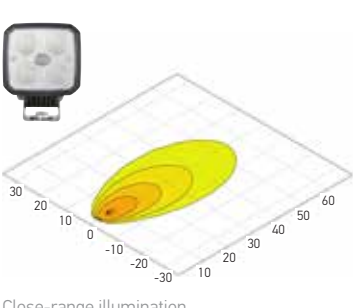
Close-range illumination

1GA 995 706-011



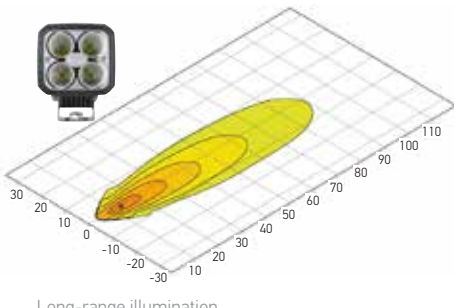
Long-range illumination

Q90 LED compact [PAGE 105]
1GA 996 284-001 / -081



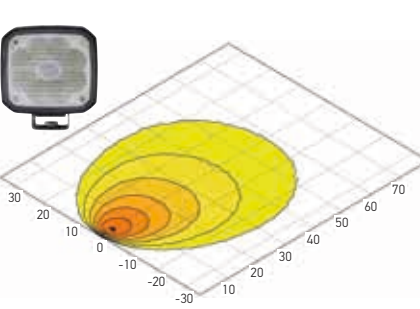
Close-range illumination

1GA 996 284-011 / -091



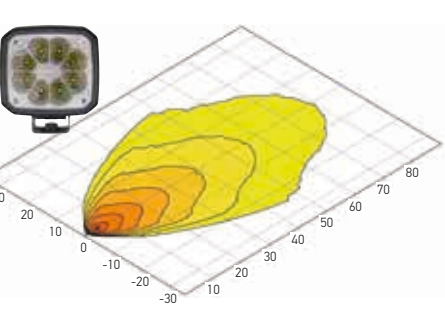
Long-range illumination

Ultra Beam LED Generation 2 [PAGE 104]
1GA 995 606-001 / -071



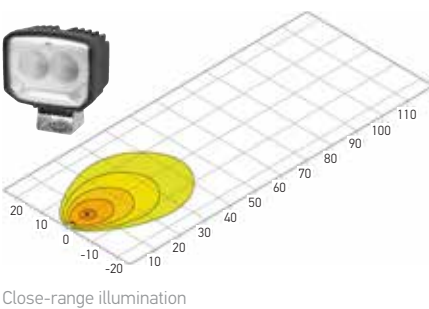
Close-range illumination

1GA 995 606-011 / -081



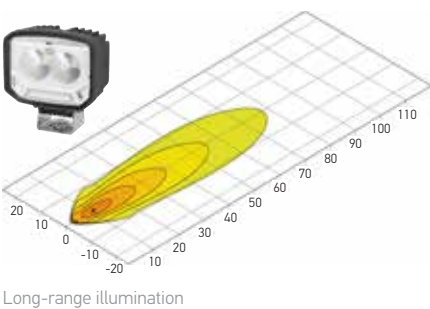
Long-range illumination

Power Beam S series [PAGE 101]
Variant 1,000 | 1GA 996 588-001



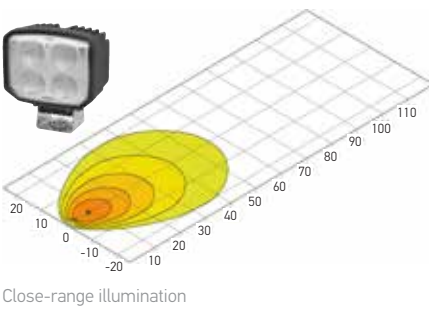
Close-range illumination

Variant 1,000 | 1GA 996 588-011



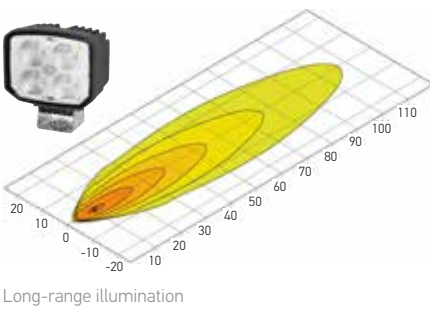
Long-range illumination

Variant 1,850 | 1GA 996 588-201



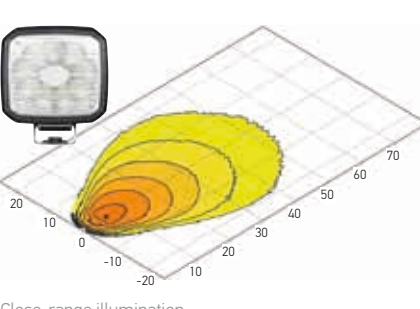
Close-range illumination

Variant 1,850 | 1GA 996 588-211



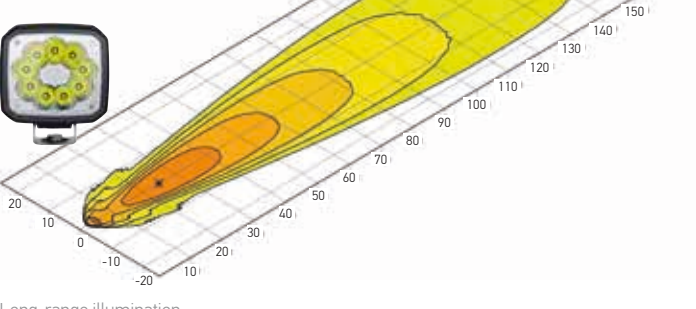
Long-range illumination

Ultra Beam LED Generation 1 [PAGE 104]
1GA 995 506-001



Close-range illumination

1GA 995 506-031

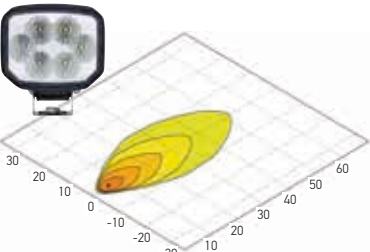


Long-range illumination



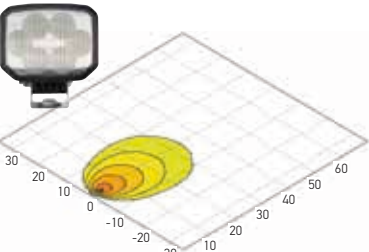
The light distribution patterns each show 1 lamp in operation.

Power Beam 1000 [PAGE 106]
1GA 996 188-001 / -021



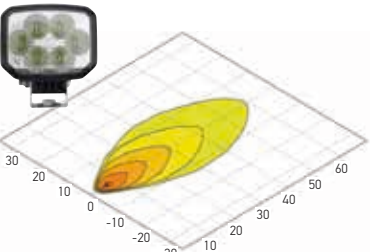
Close-range illumination

Power Beam 1000 compact [PAGE 106]
1GA 996 188-501



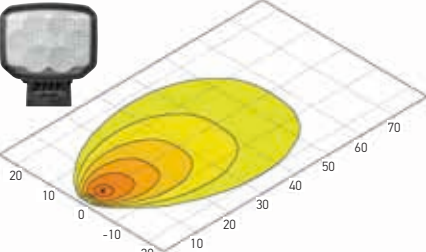
Close-range illumination

1GA 996 188-511



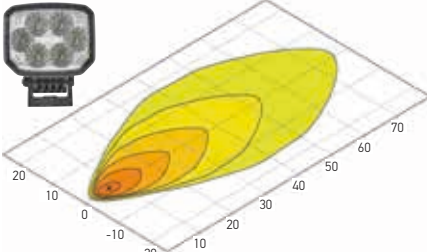
Long-range illumination

Power Beam 1800 compact [PAGE 107]
1GA 996 488-001



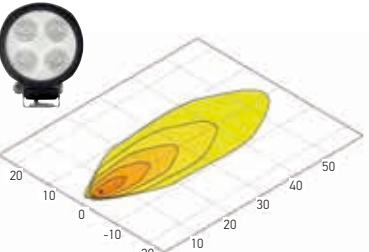
Close-range illumination

1GA 996 488-011



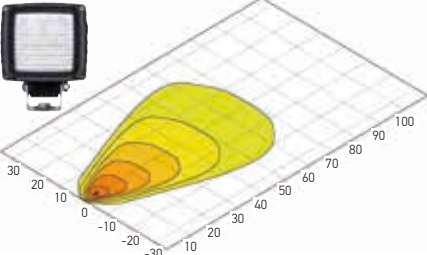
Long-range illumination

Module 70 LED Generation 3 [PAGE 108]
1G0 996 276-451

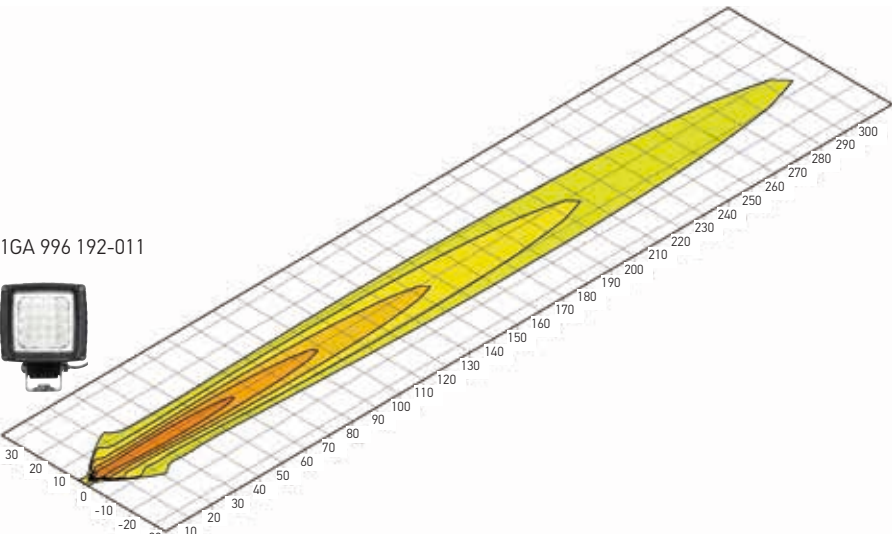


Close-range illumination

Power Beam 2000 [PAGE 107]
1GA 996 189-001

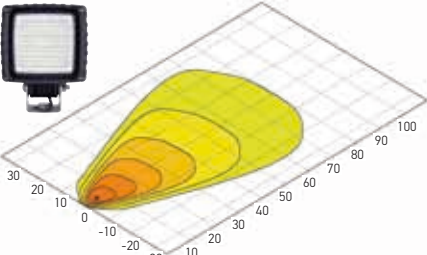


Close-range illumination



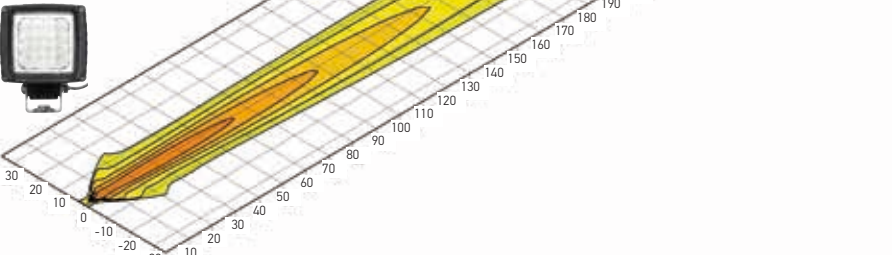
Long-range illumination

Power Beam 3000 [PAGE 107]
1GA 996 192-001



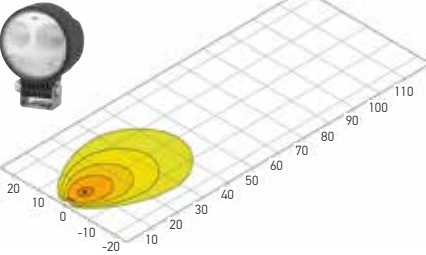
Close-range illumination

1GA 996 192-011



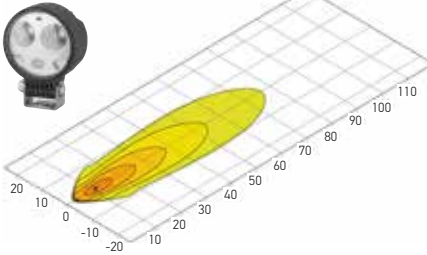
Long-range illumination

Module 70 S series [PAGE 103]
Variant 1,000 | 1G0 996 776-001



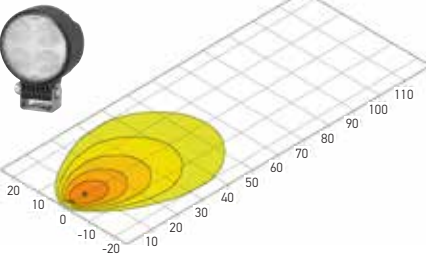
Close-range illumination

Variant 1,000 | 1G0 996 776-011



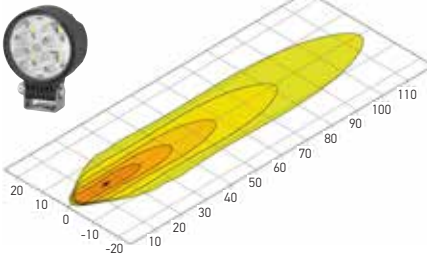
Long-range illumination

Variant 1,850 | 1G0 996 776-201



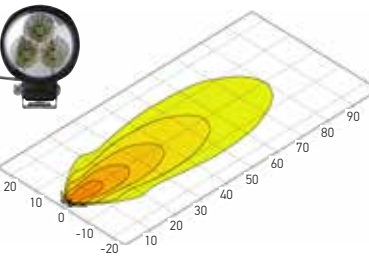
Close-range illumination

Variant 1,850 | 1G0 996 776-211



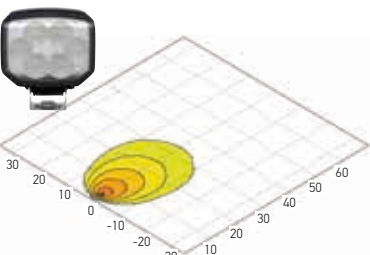
Long-range illumination

Module 70 LED Generation 3.2 [PAGE 108]
1G0 996 576-001



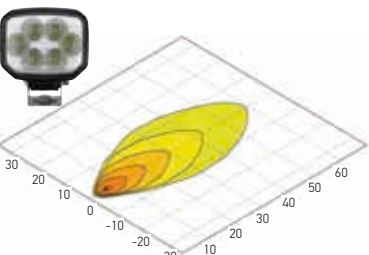
Long-range illumination

Power Beam 1500 [PAGE 106]
1GA 996 288-011



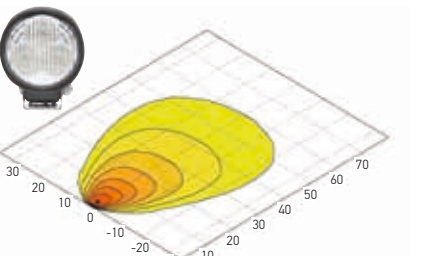
Close-range illumination

1GA 996 288-001



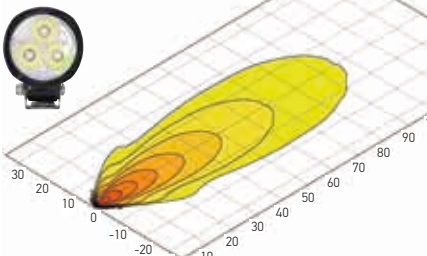
Long-range illumination

Module 70 LED Generation 4 [PAGE 109]
1G0 996 476-001



Close-range illumination

1G0 996 476-011

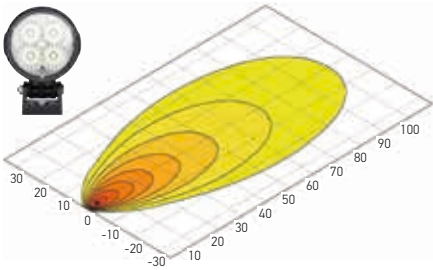


Long-range illumination



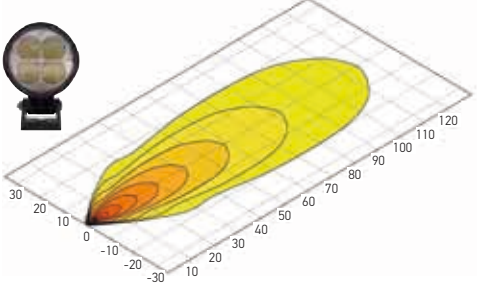
The light distribution patterns each show 1 lamp in operation.

Module 90 LED [PAGE 109]
1G0 996 263-031



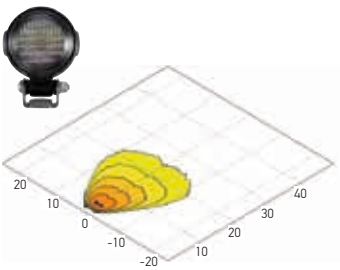
Close-range illumination

1G0 996 263-051



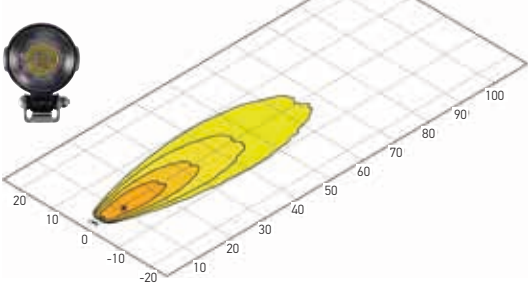
Long-range illumination

Module 50 LED [PAGE 112]
1G0 995 050-001 / -011



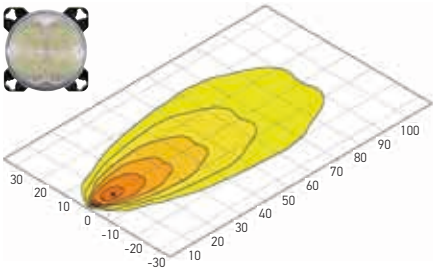
Close-range illumination

1G0 995 050-021



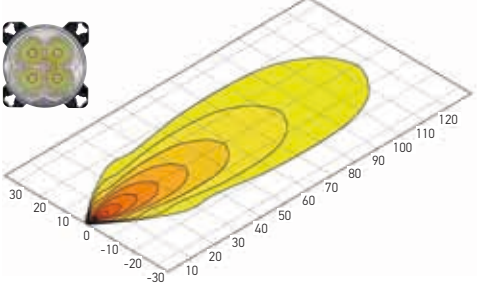
Long-range illumination

Module 90i LED [PAGE 109]
1G0 996 263-501



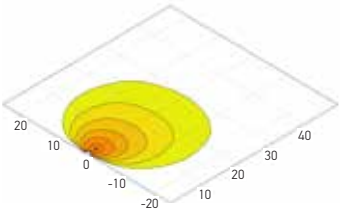
Close-range illumination

1G0 996 263-511



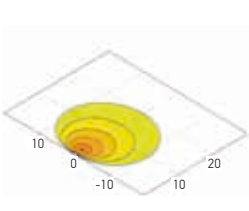
Long-range illumination

HELLA VALUEFIT SMS2000 [PAGE 115]
Single | 1GB 357 098-001

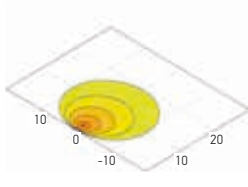


Extra wide illumination

Dual | 1GB 357 098-001

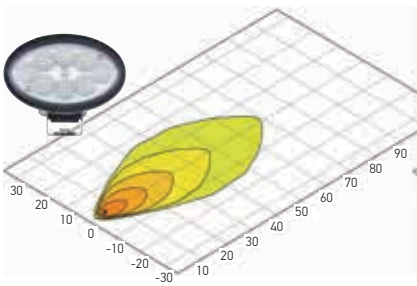


Extra wide illumination (white)



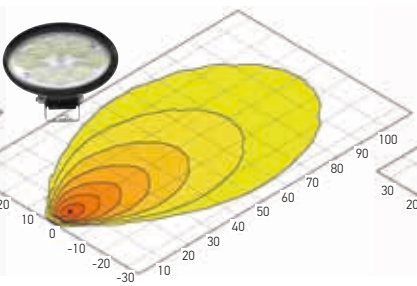
Extra wide illumination (amber)

Oval 100 LED Gen. 1 [PAGE 110]
1GA 996 661-001



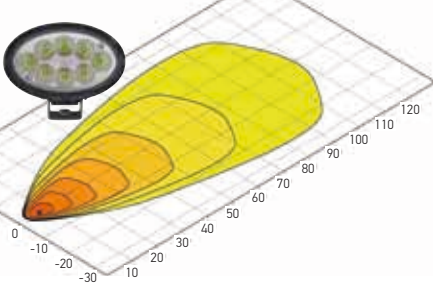
Close-range illumination

Oval 100 LED Gen. 2 [PAGE 110]
1GA 996 761-001



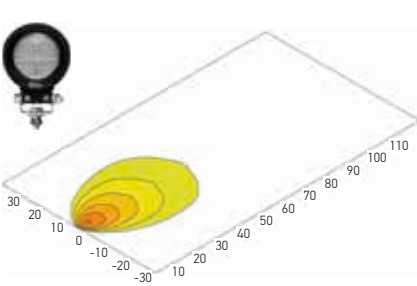
Close-range illumination

1GA 996 761-011



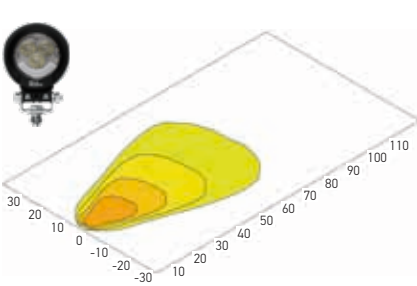
Long-range illumination

HELLA VALUEFIT R2100 [PAGE 121]
1G0 357 109-101



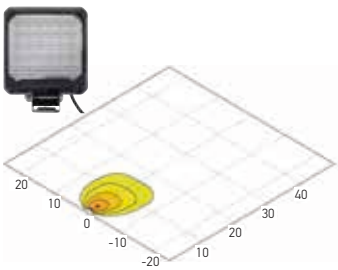
Close-range illumination

HELLA VALUEFIT R2100 2.0 [PAGE 116]
1G0 357 109-111



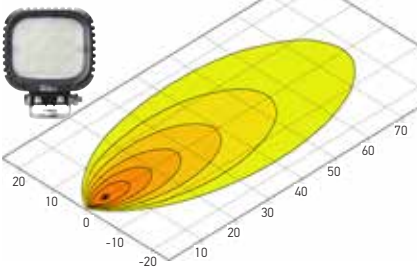
Close-range illumination

Flat Beam 500 [PAGE 111]
1GA 995 193-001



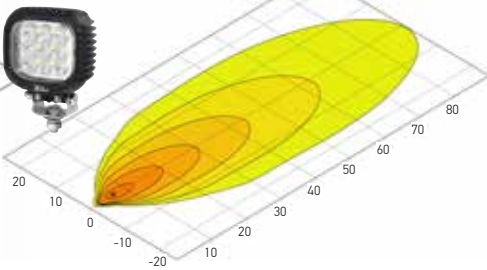
Close-range illumination

HELLA VALUEFIT S3000 [PAGE 119]
1GA 357 109-002



Close-range illumination

1GA 357 109-012

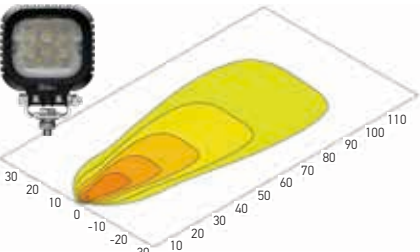


Long-range illumination



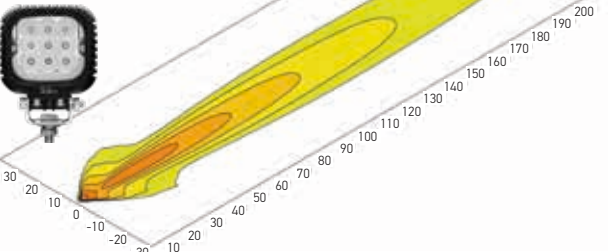
The light distribution patterns each show 1 lamp in operation.

HELLA VALUEFIT S3000 2.0 [PAGE 116]
1GA 357 109-031



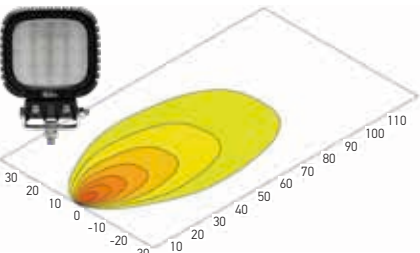
Close-range illumination

1GA 357 109-041



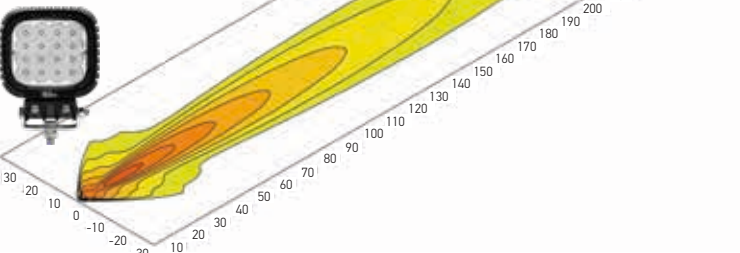
Long-range illumination

HELLA VALUEFIT S5000 [PAGE 119]
1GA 357 109-201



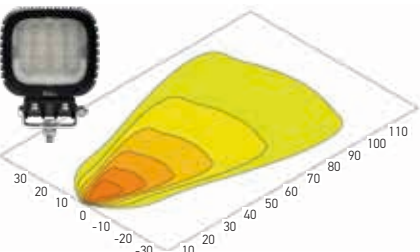
Close-range illumination

1GA 357 109-211



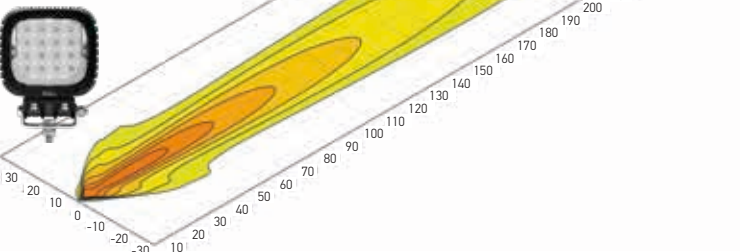
Long-range illumination

HELLA VALUEFIT S5000 2.0 [PAGE 117]
1GA 357 109-221



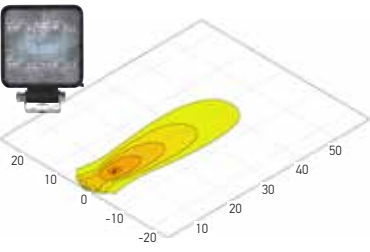
Close-range illumination

1GA 357 109-231



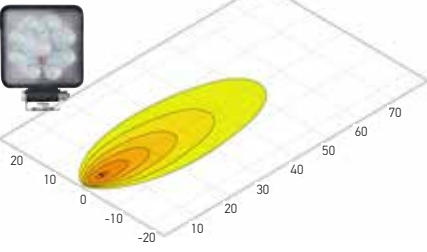
Long-range illumination

HELLA VALUEFIT S800 [PAGE 118]
1GA 357 107-012



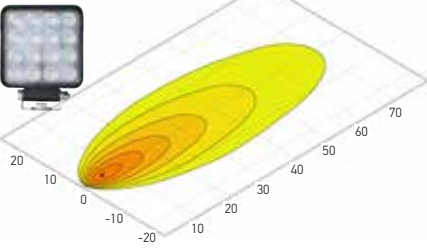
Close-range illumination

HELLA VALUEFIT S1500 [PAGE 118]
1GA 357 103-012



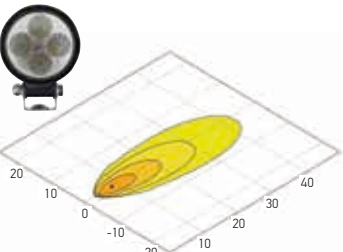
Close-range illumination

HELLA VALUEFIT S2500 [PAGE 118]
1GA 357 106-022 / -032



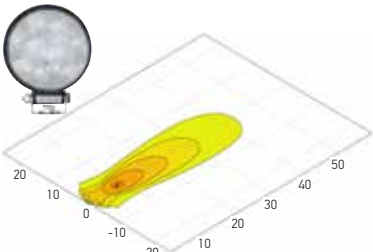
Close-range illumination

HELLA VALUEFIT R500 [PAGE 120]
1G0 357 000-001



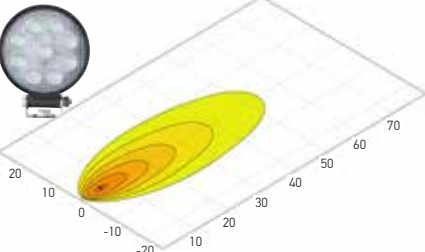
Close-range illumination

HELLA VALUEFIT R900 [PAGE 120]
1G0 357 108-012



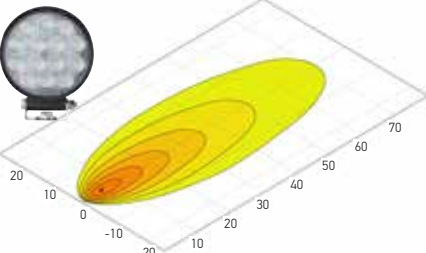
Close-range illumination

HELLA VALUEFIT R1500 [PAGE 121]
1G0 357 101-012



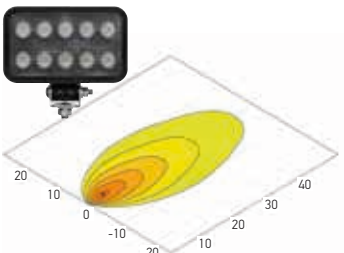
Close-range illumination

HELLA VALUEFIT R2200 [PAGE 121]
1G1 357 105-022



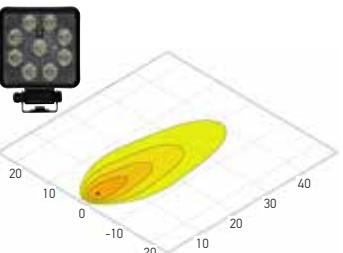
Close-range illumination

HELLA VALUEFIT Master 1400 LED [PAGE 122]
1GA 357 060-001 / 1GA 357 877-001



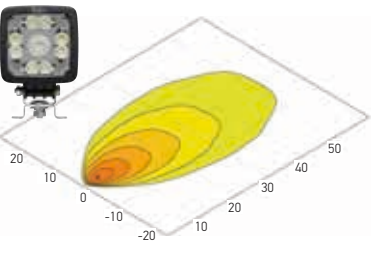
Close-range illumination

HELLA VALUEFIT PS1000 LED [PAGE 122]
1GA 357 114-002



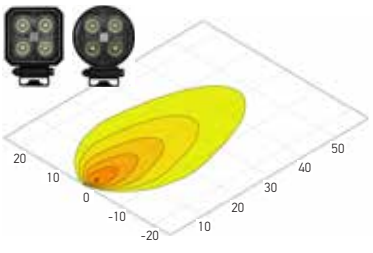
Close-range illumination

HELLA VALUEFIT SQ 1800 LED [PAGE 122]
1GA 357 116-001 / -011



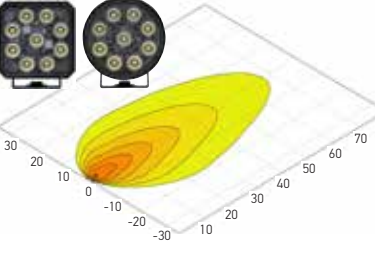
Close-range illumination

HELLA VALUEFIT TS1700 / TR1700 LED [PAGE 123]
1GA 357 110-002 / 1G0 357 111-002



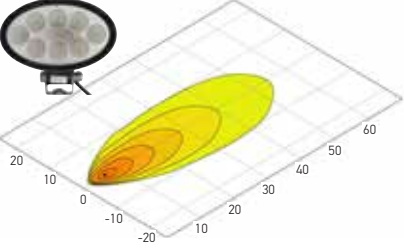
Close-range illumination

HELLA VALUEFIT TS3000 / TR3000 LED [PAGE 123]
1GA 357 112-002 / 1G0 357 113-002



Close-range illumination

HELLA VALUEFIT O1200 LED [PAGE 123]
1GA 357 001-001 / -011



Close-range illumination

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BEACONS

THE EFFICIENT SAFETY FACTOR

HELLA beacons offer reliable safety in every situation. Equipped with halogen or innovative LED technology and a robust design, they ensure maximum visibility and durability, even under extreme conditions. They are shockproof, vibration-resistant, and also dustproof and waterproof. LED technology means a high light output and a longer service life combined with nevertheless low energy consumption.

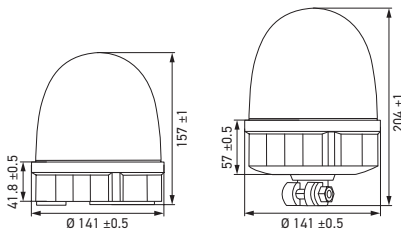


Iconic shape of the light dome

Two functions in one housing:
flashing and rotating



Electromagnetic compatibility



ROTAFLASH
COMPACT LED

The RotaFlash Compact LED is the further development of Rota Compact and incorporates modern LED technology. Its compact size and also its dimensions so similar to the Halogen predecessor model make it easy to switch from halogen to LED without extensive modifications. The new features include flashing and rotating signal functions, which create a great variety of warning options.

TECHNICAL DATA

12 V	24 V	-40 – +60 °C	IP X9K	IP 67
ECE	SAE	RCM	ADR	EMC

Power consumption	11 W
Diameter	142 mm
Light source	16 LEDs
Light colour	Amber
Material	Housing: PC (polycarbonate) + ABS
Approved	ECE R10, ECE R65 TA1, ADR / GGVSEB, SAE J845 Class 1
EMC	CISPR 25 Class 3
Compliant	RCM
Connection	150 mm cable, flat connector

PART NUMBERS

2XD 013 878-001	Fixed surface mounting (F)
2XD 013 878-011	Flexible pipe socket mounting (FL)



K-LED BLIZZARD

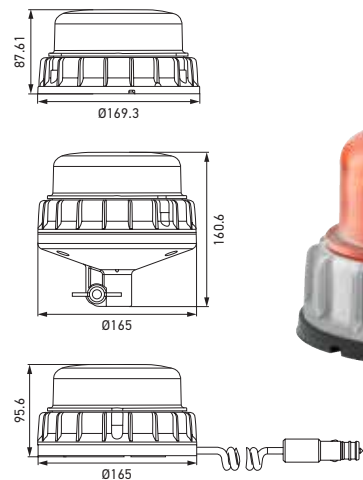
The K-LED Blizzard is the successor generation to the popular and widely used K-LED F0. These can be replaced like-for-like. The new generation combines its predecessor's popular design with the latest LED technology. Alongside functional control, this beacon boasts the option of synchronising up to 4 beacons with one another.

TECHNICAL DATA

Power consumption	16 W
Diameter	149 mm
Flashing frequency	121 / min
Light source	10 LEDs
Light colour	Amber
Material	Housing: aluminium
Approved	ECE R10, ECE R65 TA1, ADR / GGVSEB, SAE J845 Class 1
EMC	CISPR 25 Class 5
Connection	F: 150 mm cable, flat connector FL: Pipe socket in line with DIN standard M: 600 mm cable, connector for cigarette lighter
Permitted speed	Max. 120 km/h (magnetic version)

PART NUMBERS

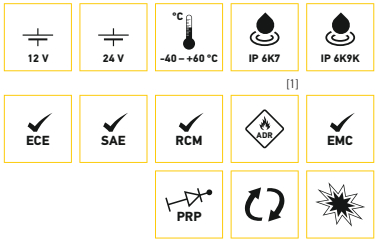
2XD 012 980-001	Fixed surface mounting (F)
2XD 012 980-011	Flexible pipe socket mounting (FL)
2XD 012 980-021	Magnet mounting (M)



K-LED 2.0

Cleverly designed: The HELLA K-LED 2.0 beacon, with its extra-flat design, two brightness levels, and a flashing and rotating LED warning signal in one product, is a literally shining example of cutting-edge safety. The intelligent electronics use a sensor to measure the ambient brightness and automatically switch between day and night mode. The programming allows the selection of different flash sequences or a rotating signal.

TECHNICAL DATA



Power consumption	Amber, red, green: 30 W Blue: 72 W
Diameter	F: 169 mm R, M: 165 mm
Light source	20 LEDs
Material	Housing: aluminium
Approved	ECE R10, ADR / GGVSEB ⁽¹⁾ , SAE J845 Class 1 Amber: ECE R65 TA2 Blue: ECE R65 TB2
EMC	CISPR 25 Class 5
Compliant	RCM
Connection	F: 1,450 mm cable with open ends P: 150 mm 3-pin cable, with pipe socket M: 600 mm cable, connector for cigarette lighter
Permitted speed	Max. 200 km/h (magnetic version)

PART NUMBERS

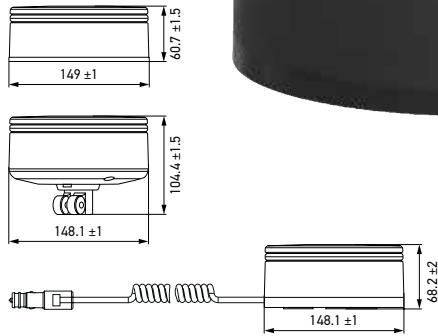
Fixed surface mounting (F)	
2XD 011 557-101 ⁽¹⁾	Amber
2XD 011 557-111 ⁽¹⁾	Blue
2XD 011 557-121 ⁽¹⁾	Red
2XD 011 557-131 ⁽¹⁾	Green
Pipe socket mounting (P)	
2XD 011 557-201 ⁽¹⁾	Amber
2XD 011 557-211 ⁽¹⁾	Blue
2XD 011 557-221 ⁽¹⁾	Red
Magnet mounting (M)	
2XD 011 557-301 ⁽¹⁾	Amber
2XD 011 557-311 ⁽¹⁾	Blue
2XD 011 557-321	Red

Innovative light exit area

Revolutionary design

HELLA

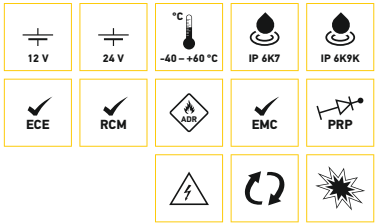
Highly efficient, patented LED technology



K-LED REBELUTION

The HELLA K-LED Rebelution impresses with its revolutionary, compact design that has no light dome. The circumferential, ring-shaped warning signal is generated using patented LED technology and can be set as a double flash or continuous rotating signal. The beacon offers excellent protection against water and dust and also boasts high electromagnetic compatibility.

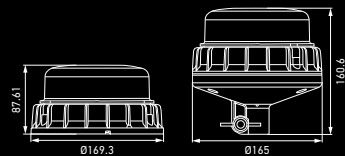
TECHNICAL DATA



Power consumption	12 W ^[1] , 13 W ^[2] or 38 W ^[3]
Diameter	149 mm
Light source	32 LEDs
Light colour	Amber
Material	Housing: aluminium
Approved	ECE-R10, ECE-R65 TA1, ADR / GGVSEB
EMC	CISPR 25 Class 3 ^[1,2] or Class 5 ^[3]
Compliant	RCM
Connection	F: 150 mm cable, flat connector FL: Pipe sockets in line with DIN standard, flat connector M: 600 mm cable, connector for cigarette lighter
Permitted speed	Max. 120 km/h (magnetic version)

PART NUMBERS

Rotating	
2RL 455 256-001 ^[2]	Fixed surface mounting (F)
2RL 455 256-011 ^[1]	Flexible pipe socket mounting (FL)
2RL 455 256-021 ^[2]	Magnet mounting (M)
Flashing^[3]	
2XD 455 255-001	Fixed surface mounting (F)
2XD 455 255-011	Flexible pipe socket mounting (FL)
2XD 455 255-021	Magnet mounting (M)



K-LED 2.0 AIRPORT

12 V

24 V

°C

-40 – +60 °C

IP 6K7

IP 6K9K

IP 5KIK

IP X9K

✓

✓

PRP

↺

☀

Power consumption	30 W
Diameter	169 mm
Light source	20 LEDs
Light colour	Amber
Material	Housing: aluminium
Approved	ECE-R10, ICAO
EMC	CISPR 25 Class 5
Connection	F: 150 mm cable, 5-pin connector P: 150 mm 5-pin cable, with pipe socket adapter

- 2XD 011 557-701^[1]Fixed surface mounting (F)
- 2XD 011 557-901^[2]Pipe socket mounting (P)

K-LED NANO AIRPORT

12 V

24 V

°C

-40 – +60 °C

IP 6K7

IP 6K9K

✓

✓

ADR

✓

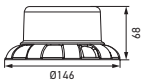
EMC

PRP

☀

Power consumption	Ø 5 W, max. 19 W
Diameter	146 mm
Light source	16 LEDs
Light colour	Amber
Material	Housing: EPDM
Approved	ECE-R10, ADR / GGVSEB, ICAO
EMC	CISPR 25 Class 5
Compliant	RCM
Connection	150 mm cable, flat connector

- 2XD 066 146-041Fixed surface mounting (F)



K-LED NANO

12 V

24 V

°C

-40 – +60 °C

IP 6K7

IP 6K9K

✓

✓

SAE

✓

RCM

ADR

✓

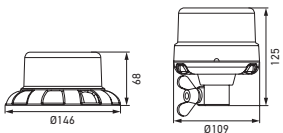
EMC

PRP

☀

Power consumption	Ø 5 W, max. 19 W
Diameter	F: 146 mm FL: 109 mm
Light source	16 LEDs
Light colour	Amber
Material	Housing: F: ABS FL: EPDM
Approved	ECE R10, ECE R65 TA1, SAE J845 Class 1, ADR / GGVSEB
EMC	CISPR 25 Class 5
Compliant	RCM
Connection	F: 150 mm cable, flat connector FL: Pipe socket in line with DIN standard

- 2XD 066 146-001Fixed surface mounting (F)
- 2XD 066 146-011Flexible pipe socket mounting (FL)



CORNER MODULE 270

12 V

24 V

°C

-40 – +60 °C

IP 6K7

✓

✓

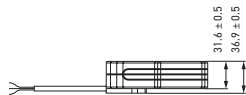
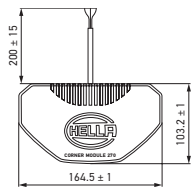
ADR

PRP

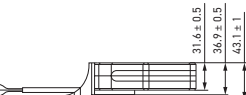
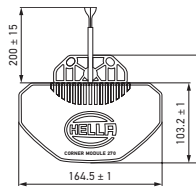
☀

Power consumption	30 W
Light source	16 LEDs
Light colour	Amber
Material	Housing: ABS + PC (polycarbonate)
Approved	ECE-R10, ECE-R65 HTA1 ^[1] , ADR / GGVSEB
EMC	CISPR 25 Class 5
Connection	200 mm cable with open ends

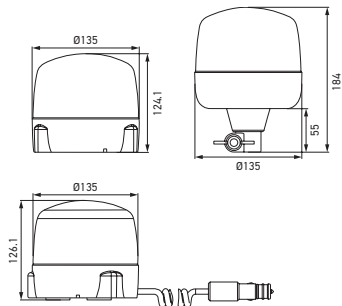
- 2XD 455 355-001^[1]Set of 2 modules
- 2XD 455 355-0111 module



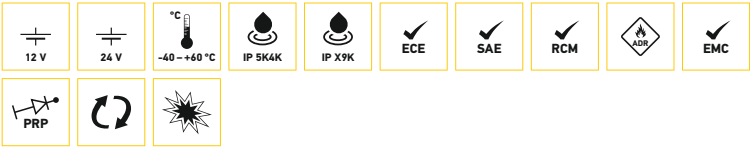
Integration



Bracket mounting



ROTALED



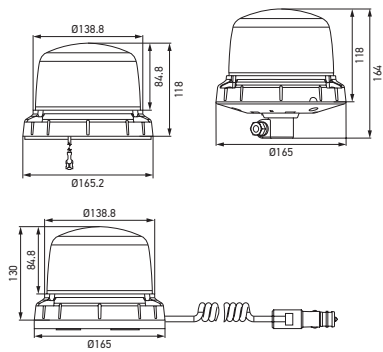
Power consumption	9 W ^[1] or 12 W ^[2]
Diameter	F, M: 132 mm FL: 135 mm
Light source	8 LEDs
Light colour	Amber
Material	Housing: EPDM
Approved	ECE R10, ECE R65 TA1, ADR / GGVSEB, SAE J845 Class 2
EMC	CISPR 25 Class 5
Compliant	RCM
Permitted speed	Max. 120 km/h (magnetic version)

Rotating^[1]

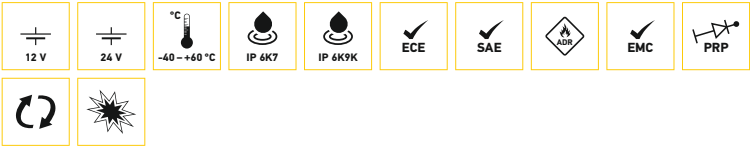
2RL 010 979-001	Fixed surface mounting (F), 120 mm cable with open ends
2RL 010 979-011	Flexible pipe socket mounting (FL), pipe sockets in line with DIN standard
2RL 010 979-021	Magnet mounting (M), 600 mm cable, connector for cigarette lighter

Flashing^[2]

2XD 012 878-001	Fixed surface mounting (F), 140 mm cable, flat connector
2XD 012 878-011	Flexible pipe socket mounting (FL), pipe sockets in line with DIN standard
2XD 012 878-021	Magnet mounting (M), 600 mm cable, connector for cigarette lighter



ROTALED COMPACT



Power consumption	7 W ^[1] or 10 W ^[2]
Diameter	165 mm
Light source	16 LEDs
Light colour	Amber
Material	Housing: ABS
Approved	ECE R10, ECE R65 TA1, ADR / GGVSEB, SAE J845 Class 2
EMC	CISPR 25 Class 5
Connection	F: 150 mm cable, flat connector FL: Pipe socket in line with DIN standard M: 600 mm cable, connector for cigarette lighter
Permitted speed	Max. 120 km/h (magnetic version)

Rotating^[1]

2RL 014 979-001	Fixed surface mounting (F)
2RL 014 979-011	Flexible pipe socket mounting (FL)
2RL 014 979-021	Magnet mounting (M)

Flashing^[2]

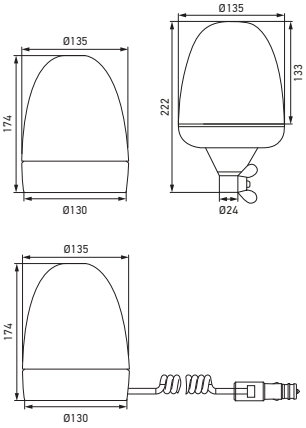
2XD 013 979-001	Fixed surface mounting (F)
2XD 013 979-011	Flexible pipe socket mounting (FL)
2XD 013 979-021	Magnet mounting (M)

ROTAFIX / ROTAFLEX



Power consumption	55 W (12 V) or 70 W (24 V)
Diameter	135 mm
Light source	Halogen
Light colour	Amber
Material	Housing: EPDM
Approved	Type ECE R10, ECE R65 TA1, SAE J845 Class 2
EMC	CISPR 25 Class 3
Connection	F: Flat receptacle 6.3 mm x 0.8 mm FL: Pipe socket in line with DIN standard M: 2,500 mm cable, connector for cigarette lighter
Permitted speed	Max. 180 km/h (magnetic version)

2RL 007 337-001	Fixed surface mounting (F), 12 V
2RL 007 337-011	Fixed surface mounting (F), 24 V
2RL 006 846-001	Flexible pipe socket mounting (FL), 12 V
2RL 006 846-011	Flexible pipe socket mounting (FL), 24 V
2RL 007 337-021	Magnet mounting (M), 12 V
2RL 007 337-031	Magnet mounting (M), 24 V

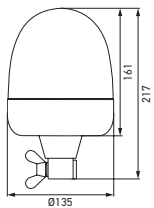


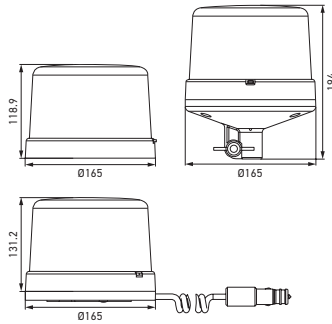
ROTA COMPACT



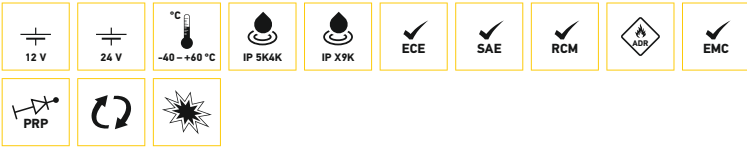
Power consumption	55 W (12 V) or 70 W (24 V)
Diameter	135 mm
Light source	Halogen
Light colour	Amber
Material	Housing: EPDM
Approved	Type ECE R10, ECE R65 TA1, SAE J845 Class 1
Connection	Pipe socket in line with DIN standard

2RL 009 506-001	Flexible pipe socket mounting (FL), 12 V
2RL 009 506-011	Flexible pipe socket mounting (FL), 24 V





KL 7000 LED



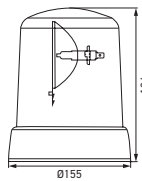
Power consumption	10 W ^[1] or 12 W ^[2]
Diameter	165 mm
Light source	8 LEDs
Light colour	Amber
Material	Housing: PMMA ^[1] , ABS ^[2]
Approved	ECE R10, ECE R65, ADR / GGVSEB, SAE J845 Class 2
EMC	CISPR 25 Class 5
Compliant	RCM
Connection	F: 200 mm ^[1] or 120 mm ^[2] cable, flat connector FL: Pipe socket in line with DIN standard M: 600 mm cable, connector for cigarette lighter
Permitted speed	Max. 120 km/h (magnetic version)

Rotating^[1]

2RL 011 484-001	Fixed surface mounting (F)
2RL 011 484-011	Flexible pipe socket mounting (FL)
2RL 011 484-021	Magnet mounting (M)

Flashing^[2]

2XD 012 972-001	Fixed surface mounting (F)
2XD 012 972-011	Flexible pipe socket mounting (FL)
2XD 012 972-021	Magnet mounting (M)



KL 7000



Power consumption	70 W
Diameter	155 mm
Light source	Halogen
Light colour	Amber
Material	Housing: plastic
Approved	ECE-R10, ECE-R65
Connection	Flat receptacle

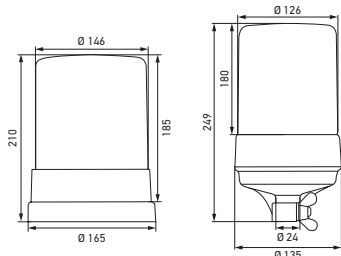
2RL 008 061-111	Fixed surface mounting (F)
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KL 700



Power consumption	55 W ^[1] or 70 W ^[2]
Diameter	F: 165 mm R: 135 mm
Light source	Halogen
Light colour	Amber
Material	Housing: plastic
Approved	ECE-R10, ECE-R65
Connection	F: Flat connector 6.3 mm x 0.8 mm P: Pipe socket in line with DIN standard

2RL 004 958-101^[1]	Fixed surface mounting (F), 12 V
2RL 004 958-111^[2]	Fixed surface mounting (F), 24 V
2RL 004 957-111^[2]	Pipe socket mounting (P), 24 V

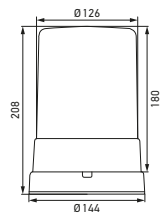


KL 710



Power consumption	70 W
Diameter	144 mm
Light source	Halogen
Light colour	Amber
Material	Housing: plastic
Approved	ECE-R10, ECE-R65
Connection	Flat connector 6.3 mm x 0.8 mm

2RL 006 295-111	Fixed surface mounting (F)
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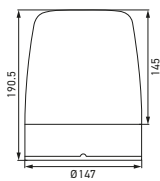


KL JUNIOR PLUS



Power consumption	70 W
Diameter	150 mm
Light source	Halogen
Light colour	Amber
Material	Housing: plastic
Approved	ECE-R10, ECE-R65
Connection	Flat receptacle

2RL 008 965-011	Fixed surface mounting (F)
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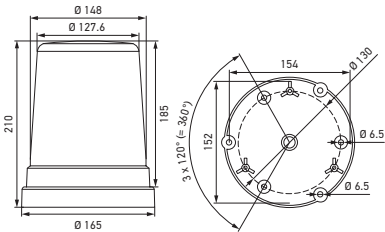




Classic amber or clear light dome

With rotating and double flashing amber signal

Strong warning effect in all directions



VF 700 LED

The HELLA VALUEFIT VF 700 LED warning lamp, in a classic trapezoidal shape, generates an amber warning signal and is clearly visible, even behind auxiliary lamps. The VF 700 LED has rotating and double flashing signal functions and is approved in accordance with ECE R65 TA1 and SAE J845 Class 1. It has a robust aluminium housing and an impact-resistant polycarbonate light dome. The homogeneous light output is guaranteed by the internal structure of the reflectors.

TECHNICAL DATA

12 V	24 V	-40 ~ +60 °C	IP 56	ECE
SAE	RCM	EMC	PRP	

Power consumption	36 W
Diameter	165 mm
Light source	36 LEDs
Light colour	Amber
Material	Housing: aluminium
Approved	Type ECE R10, ECE R65 TA1, SAE J845 Class 1
EMC	CISPR 25 Class 3
Compliant	RCM
Connection	300 mm cable, flat connector

PART NUMBERS

2XD 357 958-111	Fixed surface mounting (F), amber light dome
2XD 357 958-121	Fixed surface mounting (F), clear light dome

ACCESSORIES



BASE PLATE

For KL 700, KL 710 and VF 700 LED.
Flach
9GD 856 562-001

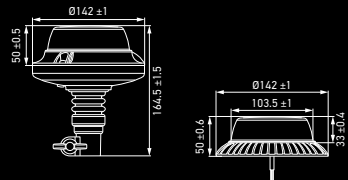


BASE PLATE

For KL 700, KL 710 and VF 700 LED.
Wedge-shaped
9GD 856 863-001



HELLA
VALUEFIT



SLIM



Power consumption	24 W
Diameter	142 mm
Light source	24 LEDs
Material	Housing: aluminium
Approved	Amber: Type ECE R10, ECE R65 TA1, SAE J845 Class 1 Green: ECE R10, SAE J845 Class 3
Connection	F: 300 mm cable with open ends FL: Pipe socket in line with DIN standard

Amber	
2XD 357 980-001	Fixed surface mounting (F)
2XD 357 980-011	Flexible pipe socket mounting (FL)
Green*	
2XD 357 980-101	Fixed surface mounting (F)
2XD 357 980-111	Flexible pipe socket mounting (FL)

ACCESSORIES

BRACKET

Socket pipe for welding on, straight, 100 mm long, with rubber stopper and socket in accordance with DIN 14620

1-pin
8HG 002 365-001

2-pin
8HG 006 294-101

BRACKET

Socket pipe with screw-on base plate, total height 126 mm, with rubber stopper and socket in accordance with DIN 14620

1-pin
8HG 006 294-011

BRACKET

Socket pipe with screw mounting, height approx. 100 mm, with rubber stopper and socket in accordance with DIN 14620

1-pin
8HG 006 294-051

2-pin
8HG 006 294-091

BRACKET

Angled socket pipe with base plate for lateral screw mounting, clearance 50 mm, height 100 mm, with rubber stopper, socket, 2 x hexagon screws M8 x 35, 2 x hexagon nuts M8, 2 x spring washers compliant with DIN 14620

1-pin
8HG 006 294-111

BRACKET

Angled socket pipe with base plate for lateral screw mounting, clearance 90 mm, height 100 mm, with rubber stopper, socket, 2 x hexagon screws M8 x 35, 2 x hexagon nuts M8, 2 x spring washers compliant with DIN 14620

1-pin
8HG 006 294-021

2-pin
8HG 006 294-221

BRACKET

Angled socket pipe with base plate for lateral screw mounting, clearance 120 mm, height 105 mm, with rubber stopper, socket, 2 x hexagon screws M8 x 35, 2 x hexagon nuts M8, 2 x spring washers compliant with DIN 14620

1-pin
8HG 006 294-171

BRACKET

Curved socket pipe with base plate for lateral screw mounting, clearance 115 mm, height 140 mm, with rubber stopper, socket, 2 x hexagon screws M8 x 35, 2 x hexagon nuts M8, 2 x spring washers, 2 x washers compliant with DIN 72591

2-pin
8HG 006 294-131

BRACKET

Socket pipe for inclined screw-on surfaces, beacon adjustable parallel to the road, height approx. 105 mm, with rubber stopper, socket, 2 x hexagon screws M8 x 35, 2 x hexagon nuts M8, 2 x spring washers in accordance with DIN 14620

1-pin
8HG 006 294-031

2-pin
8HG 006 294-141

BRACKET

Rubber foot for K-LED Rebelution

8HG 863 302-021

BRACKET

Socket pipe with 2 screw holes for surface mounting to the cab rear, with telescopic bracket, total height approx. 1000 mm, can be shifted up to 700 mm, with rubber stopper and socket and compliant with DIN 14620

1-pin
8HG 006 294-041

STATIV

Telescopic, 1,263 – 2,200 mm, steel

8XT 002 120-001

* Not approved for use on public roads – use is only permitted for special vehicles.

WARNING SYSTEMS

OPTIMAL WARNING AND SIGNALLING SOLUTIONS

With innovative LED technology and a robust design, HELLA warning systems guarantee excellent visibility and durability, even under extreme conditions. From rotating and flashing signal functions, right up to intelligent brightness adjustments, these systems offer a wide range of applications and fulfil the highest industry standards.



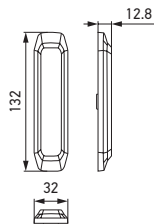


BST-ROUND WARNING LAMP



Power consumption	33 W
Diameter	36 mm
Light source	4 LEDs
Light colour	Amber
Material	Housing: aluminium
Approved	ECE-R10, ECE-R65 XA1
EMC	CISPR 25 Class 3
Connection	1,850 mm cable

2XD 014 564-211 2 pieces

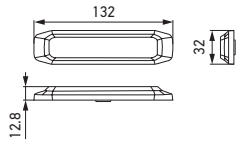


BST-V-SLIM WARNING LAMP



Power consumption	17 W
Light source	6 LEDs
Light colour	Amber
Material	Housing: aluminium
Approved	ECE-R10, ECE-R65 XA2
EMC	CISPR 25 Class 5
Connection	250 mm cable with open ends

2XD 014 592-201 2 pieces



BST-SLIM WARNING LAMP



Power consumption	17 W
Light source	6 LEDs
Material	Housing: aluminium
Approved	ECE-R10, ECE-R65 XA2, XB2, XR2
EMC	CISPR 25 Class 5
Connection	250 mm cable with open ends

2XD 014 562-201 Amber, 2 pieces
2XD 014 562-001 Blue, 2 pieces
2XD 014 562-601 Red, 2 pieces



BST-SLIM WARNING LAMP



Power consumption	14 W
Light source	3 LEDs
Material	Housing: aluminium
Approved	ECE-R10, ECE-R65 XA1, XB1, XR1
EMC	CISPR 25 Class 5
Connection	250 mm cable with open ends

2XD 014 563-201 Amber, 2 pieces
2XD 014 563-001 Blue, 2 pieces
2XD 014 563-601 Red, 2 pieces



BST-V WARNING LAMP



Power consumption	14 W
Light source	6 LEDs
Light colour	Amber
Material	Housing: aluminium
Approved	ECE-R10, ECE-R65 XA1
EMC	CISPR 25 Class 5
Connection	Fixed surface mounting: 150 mm cable with open ends Bracket mounting: 860 mm cable with open ends

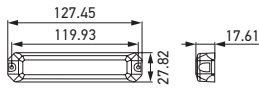
2XD 012 160-951 Fixed surface mounting, 2 pieces
2XD 012 160-961 Bracket mounting, 2 pieces



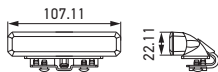
Fixed surface mounting



Bracket mounting



Fixed surface mounting



Bracket mounting

BST WARNING LAMP

12 V

24 V

°C

-40 ~ +60 °C

IP X9K

IP 5K4K

IP 6K9K

✓

ECE

✓

SAE

✓

EMC

⚡

☀

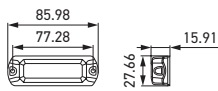
Power consumption	14 W
Light source	6 LEDs
Material	Housing: aluminium
Approved	^[1] : SAE J845 Class 1 ^[2] : ECE-R10, ECE-R65 XA1, XB1, XR1 ^[3] : ECE-R10, ECE-R65 XA2, XB2 ^[4] : ECE-R10, ECE-R65
EMC	^[2] : CISPR 25 Class 5 ^[3] : CISPR 25 Class 3

Fixed surface mounting

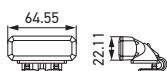
- 2XD 012 160-051^[4]Amber, 1 piece, 150 mm cable, DEUTSCH DT connector
- 2XD 012 160-851^[2]Amber, 2 pieces, 150 mm cable with open ends
- 2XD 014 560-201^[3]Amber, day / night mode, 2 pieces, 150 mm cable
- 2XD 012 160-801^[2]Blue, 2 pieces, 150 mm cable with open ends
- 2XD 014 560-001^[3]Blue, day / night mode, 2 pieces, 200 mm cable
- 2XD 012 160-821^[2]Red, 2 pieces, 150 mm cable with open ends
- 2XD 012 160-881^[1,2]White, 2 pieces, 860 mm cable with open ends

Bracket mounting

- 2XD 012 160-861^[2]Amber, 2 pieces, 860 mm cable with open ends
- 2XD 014 560-401^[3]Amber, day / night mode, 2 pieces, 860 mm cable
- 2XD 012 160-811^[2]Blue, 2 pieces, 860 mm cable with open ends
- 2XD 014 560-101^[3]Blue, day / night mode, 2 pieces, 860 mm cable
- 2XD 012 160-871^[1,2]White, 2 pieces, 150 mm cable with open ends



Fixed surface mounting



Bracket mounting

BST WARNING LAMP

12 V

24 V

°C

-40 ~ +60 °C

IP X9K

IP 5K4K

IP 6K9K

✓

ECE

✓

SAE

✓

EMC

⚡

☀

Power consumption	14 W
Light source	3 LEDs
Material	Housing: aluminium
Approved	ECE-R10, ECE-R65 XA1, XB1, XR1
EMC	CISPR 25 Class 3
Connection	Fixed surface mounting: 200 mm cable with open ends Bracket mounting: 970 mm cable with open ends

Fixed surface mounting

- 2XD 014 561-201Amber, 2 pieces
- 2XD 014 561-001Blue, 2 pieces
- 2XD 014 561-601Red, 2 pieces
- 2XD 014 561-801^[1]White, 2 pieces

Bracket mounting

- 2XD 014 561-401Amber, 2 pieces
- 2XD 014 561-101Blue, 2 pieces
- 2XD 014 561-701Red, 2 pieces
- 2XD 014 561-901^[1]White, 2 pieces

MICRO LIGHTBAR

12 V

24 V

°C

-40 ~ +65 °C

IP 6K4K

IP 6K9K

✓

ECE

✓

EMC

PRP

↺↻

☀

Power consumption	66 – 72 W
Light source	LED
Light colour	Amber
Material	Housing: PC (polycarbonate)
Approved	ECE-R10, ECE-R65 TA1
EMC	CISPR 25 Class 3
Connection	Screw mounting, bracket mounting: 500 mm cable Magnet mounting 2,500 mm cable, connector for cigarette lighter
Permitted speed	Max. 120 km/h (magnetic version)

2RL 014 566-001Screw mounting, clear cover lens

2RL 014 566-011Bracket mounting, clear cover lens

2RL 014 566-021Magnet mounting, clear cover lens

2RL 014 566-201Screw mounting, amber cover lens

2RL 014 566-211Bracket mounting, amber cover lens

2RL 014 566-221Magnet mounting, amber cover lens

MINI LIGHTBAR

12 V

24 V

°C

-40 ~ +65 °C

IP 6K4K

IP 6K9K

✓

ECE

✓

EMC

PRP

↺↻

☀

Power consumption	70 W
Light source	LED
Light colour	Amber
Material	Housing: PC (polycarbonate)
Approved	ECE-R10, ECE-R65 TA1
EMC	CISPR 25 Class 3
Connection	Screw mounting, bracket mounting: 500 mm cable Magnet mounting 2,500 mm cable, connector for cigarette lighter
Permitted speed	Max. 120 km/h (magnetic version)

2RL 014 565-001Screw mounting, clear cover lens

2RL 014 565-011Bracket mounting, clear cover lens

2RL 014 565-021Magnet mounting, clear cover lens

2RL 014 565-201Screw mounting, amber cover lens

2RL 014 565-211Bracket mounting, amber cover lens

2RL 014 565-221Magnet mounting, amber cover lens

The relevant, country-specific, statutory specifications and regulations for motor vehicles must be observed during mounting of the product.



Side panel with amber warning light



Side panel with amber warning light and alley light



MODULAR LIGHTBAR

The modular roof bar boasts flashing amber warning functions and a modern, flat design with a height of just 52 mm. It consists of a base, side sections with warning light and optional alley light and also a centre section with various modules. Energy-efficient LEDs offer additional functions such as a work light, tail light, stop light or direction indicator light. All centre modules are interchangeable, making them easy to repair and convert to your specific application. The modules can be replaced in a few simple steps.

TECHNICAL DATA

12 V	24 V	-40 – +65 °C	IP X9K	IP 6K4K
ECE	EMC	PRP		

Power consumption	From 66 W to 125 W, depending on variant
Light source	LED
Light colour	Amber
Material	Housing: plastic
Approved	ECE-R10, ECE-R148, ECE-R65
EMC	CISPR 25 Class 3
Connection	4,000 mm cable with open ends

PART NUMBERS

2RL 014 567-...	Including wired operating unit or wireless operating unit or on / off switch
2RL 014 607-...	Including wired operating unit

MODULES



AMBER WARNING LIGHT

This centre module generates a long-range, amber warning signal and, as a supplement to the side panels, enhances the warning effect. The additional warning light is homologated ex works.

Light colour: amber
Approved: ECE R10, ECE R148, ECE R65 TA1
EMC: CISPR 25 Class 3
2XD 863 556-001



“TAKE DOWN” WORK LIGHT

The “Take down” work light module provides greater illumination in front of, or behind the vehicle.

Light colour: white
Approved: ECE-R10
1GA 863 556-101



TAIL-STOP-DIRECTION INDICATOR MODULE

The Modular Lightbar can be connected to the vehicle functions and then also generates a tail, stop or direction indicator signal (repeater) like the vehicle’s lamps.

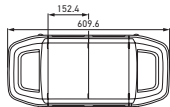
Light colour: amber / red
Approved: ECE R7
2SD 863 556-201



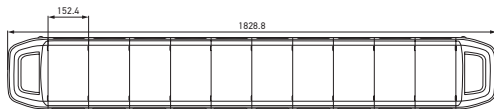
BLACK COVER

This module is plain black and blends in perfectly alongside other centre modules when no lighting function is required in an area.

2XX 863 556-301



2 centre modules – 609.6 mm



10 centre modules – 1,828.8 mm



Side view valid for all variants

MODULAR LIGHTBAR



Light source	LED
Light colour	Amber
Material	Housing: plastic
Approved	ECE-R10, ECE-R148, ECE-R65
EMC	CISPR 25 Class 3
Connection	4,000 mm cable with open ends

2 centre modules – 609.6 mm

- 1 2RL 014 567-071 66 W, including on/off switch

5 centre modules – 1,066.8 mm

- 2 2RL 014 567-011 80 W, including wired operating unit
3 2RL 014 567-061 80 W, including wireless operating unit

6 centre modules – 1,219.2 mm

- 4 2RL 014 607-011 105 W, including wired operating unit
5 2RL 014 567-081 86 W, including on/off switch

7 centre modules – 1,371.6 mm

- 6 2RL 014 567-021 90 W, including wired operating unit

8 centre modules – 1,524 mm

- 7 2RL 014 607-051 125 W, including wired operating unit
8 2RL 014 567-091 88 W, including on/off switch
9 2RL 014 567-101 96 W, including on/off switch
10 2RL 014 567-131 110 W, including wireless operating unit

9 centre modules – 1,676.4 mm

- 11 2RL 014 567-141 101 W, including on/off switch
12 2RL 014 607-061 119 W, including wired operating unit

10 centre modules – 1,828.8 mm

- 13 2RL 014 567-111 90 W, including on/off switch
14 2RL 014 567-121 106 W, including on/off switch
15 2RL 014 607-071 124 W, including wired operating unit

Select a basic configuration and exchange the modules to suit your needs.

ACCESSORIES



OPERATING UNIT, WIRED

This operating unit is connected to the Modular Lightbar via a cable. It is only suitable for the standard base and is included in the scope of delivery of the relevant product configuration.

9SX 863 535-101

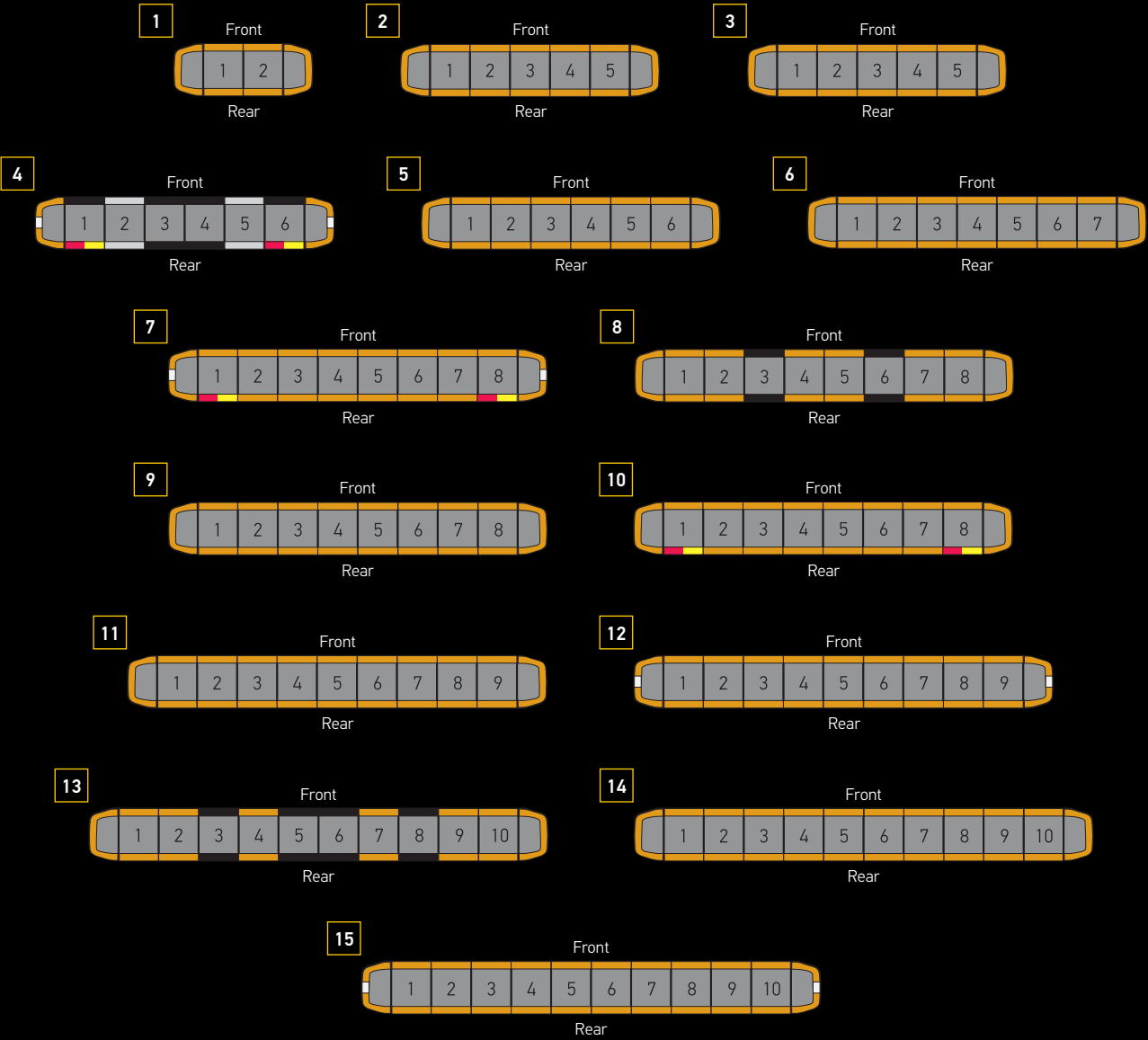


OPERATING UNIT, WIRELESS

This operating unit is connected to the Modular Lightbar wirelessly via Bluetooth and requires the product to be Bluetooth-compatible. It is included in the scope of delivery of the relevant product configuration.

9SX 863 535-201

OVERVIEW OF CENTRE MODULES AND LIGHT FUNCTIONS



MODULAR LIGHTBAR

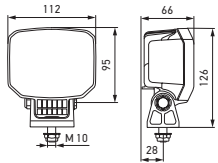
In addition to its long-range warning function, the modular roof bar offers further additional functions by means of a flashing amber signal and makes a big impression with its modern and flat design, its low height of only 52 mm and its three control variants.

- Black cover
- Tail-stop-direction indicator module
- Amber warning light
- Alley light
- "Take down" work light

REVERSE LAMPS

OPTIMUM VISIBILITY AND SAFETY

Innovative HELLA reverse lamps ensure maximum visibility and safety. With state-of-the-art LED technology and a robust design, HELLA reverse lamps ensure optimum lighting and long-lasting performance, even under the most demanding conditions.



POWER BEAM S SERIES

12 V

24 V

K 5000

IP 6K7

IP 6K9K

ECE

RCM

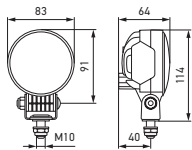
ADR

EMC

PRP

Power consumption	12 V: Ø 11.2 W* 24 V: Ø 11.6 W**
Light output (calculated)	1,500 lm
Light output (effective)	Ø 1,150 lm
Light source	2 LEDs
Material	Housing: heat conductive plastic, cover lens: impact-resistant plastic, bracket: glass-fibre reinforced plastic
Approved	ECE-R10, ECE-R148, ADR / GGVSEB
EMC	CISPR 25 Class 5 (12 V) and Class 4 (24 V)
Compliant	RCM
Connection	DEUTSCH DT connector

ZZR 996 588-501



MODULE 70 S SERIES

12 V

24 V

K 5000

IP 6K7

IP 6K9K

ECE

RCM

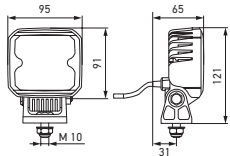
ADR

EMC

PRP

Power consumption	12 V: Ø 11.2 W* 24 V: Ø 11.6 W**
Light output (calculated)	1,500 lm
Light output (effective)	Ø 1,150 lm
Light source	2 LEDs
Material	Housing: heat conductive plastic, cover lens: impact-resistant plastic, bracket: Stainless steel
Approved	ECE-R10, ECE-R148, ADR / GGVSEB
EMC	CISPR 25 Class 5 (12 V) and Class 4 (24 V)
Compliant	RCM
Connection	DEUTSCH DT connector

ZZR 996 776-501



Q90 COMPACT LED

12 V

24 V

K 5000

IP 6K7

IP 6K9K

ECE

EMC

PRP

Power consumption	15 W
Light output (calculated)	1,500 lm
Light output (effective)	1,000 lm
Light source	4 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ECE-R23
Connection	2,000 mm cable with open ends

ZZR 996 284-501

MODULE 70 LED GENERATION 3.2
COMPACT

12 V

24 V

K 5000

IP 6K8

IP 6K9K

ECE

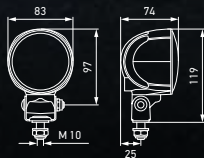
RCM

EMC

PRP

Power consumption	13 W
Light output (calculated)	1,950 lm
Light output (effective)	1,500 lm
Light source	3 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ECE-R23
Compliant	RCM
Connection	2,000 mm cable with open ends

ZZR 996 576-621



* Measured warm at 13.2 V after 30 minutes of operation. | ** Measured warm at 28 V after 30 minutes of operation.



MODULE 70 LED GENERATION 3



Power consumption	13 W
Light output (calculated)	1,000 lm
Light output (effective)	800 lm
Light source	4 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R10, ECE-R23
Connection	2,000 mm cable with open ends

ZZR 996 376-091



POWER BEAM 1000 COMPACT



Power consumption	12 W
Light output (calculated)	1,250 lm
Light output (effective)	1,000 lm
Light source	6 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ECE-R23, ADR / GGVSEB
Connection	DEUTSCH DT connector

ZZR 996 188-521



FLAT BEAM 500



Power consumption	7 W
Light output (calculated)	700 lm
Light output (effective)	550 lm
Light source	30 LEDs
Material	Housing: glass-fibre reinforced plastic, cover lens: plastic
Approved	ECE-R10, ECE-R23
Connection	2,500 mm cable

ZZR 995 193-051

SQ 1000



Power consumption	11 W
Light output (calculated)	1,400 lm
Light output (effective)	1,000 lm
Light source	27 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ECE-R148, ADR / GGVSEB
Connection	2,500 mm cable with open ends

ZZR 357 115-001

PS1000



Power consumption	9 W
Light output (calculated)	1,440 lm
Light output (effective)	1,000 lm
Light source	9 LEDs
Material	Housing: heat conductive plastic, cover lens: plastic
Approved	ECE-R10, ECE-R23
Connection	800 mm cable with open ends

ZZR 357 114-501

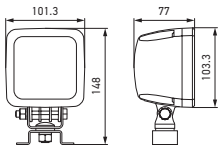
TS1700



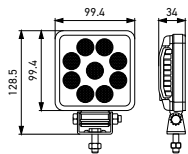
Power consumption	24 W
Light output (calculated)	2,650 lm
Light output (effective)	1,700 lm
Light source	4 LEDs
Material	Housing: aluminium, cover lens: plastic
Approved	ECE-R23
Connection	200 mm cable with open ends

ZZR 357 110-501

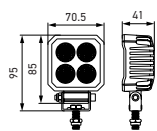
HELLA
VALUEFIT



HELLA
VALUEFIT



HELLA
VALUEFIT

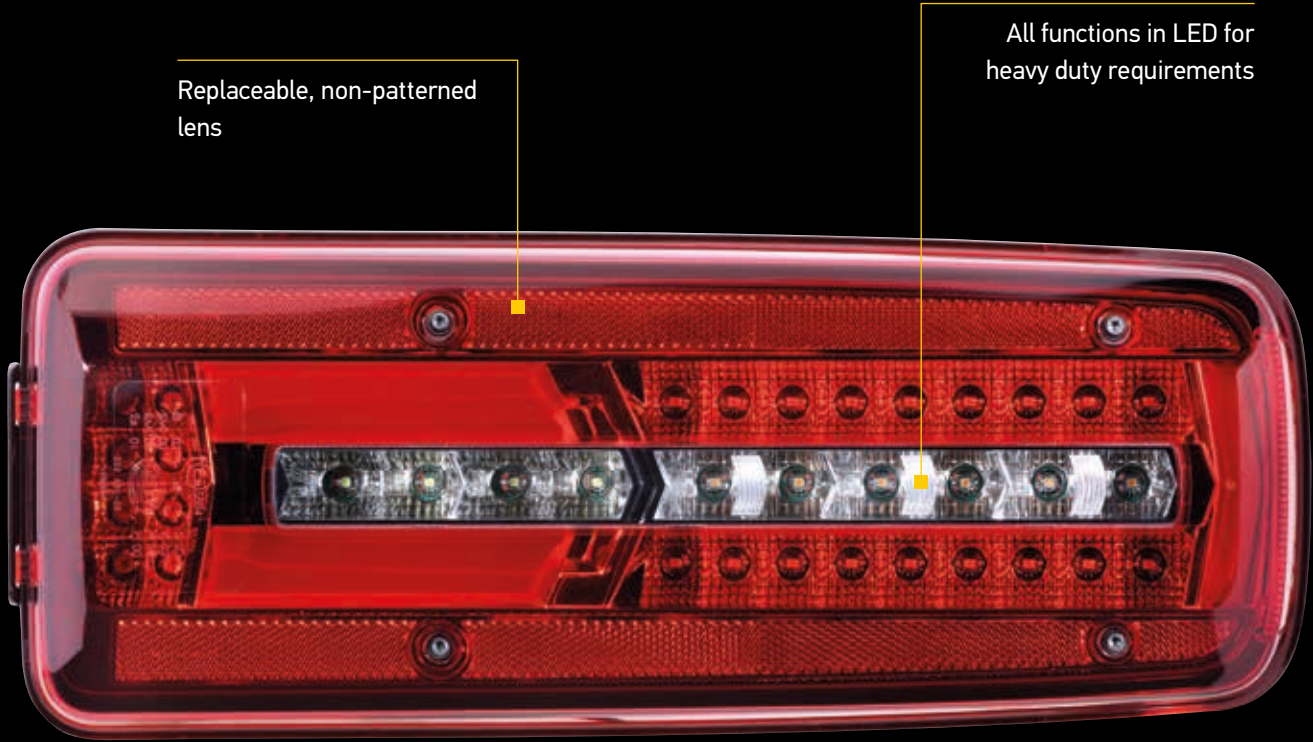


SINGLE AND MULTI-FUNCTION LAMPS

VERSATILE LIGHTING SOLUTIONS

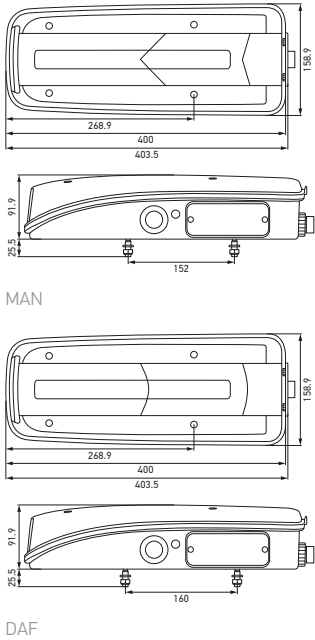
HELLA ensures that your vehicle can be optimally recognised by all road users, even in the dark and in difficult visibility conditions. At all times the greatest emphasis is placed on achieving the highest quality standards, and on implementing innovative and efficient technologies, such as LED technology.





Application example of dynamic direction indicator light

Innovative direction indicator light



FOR MAN



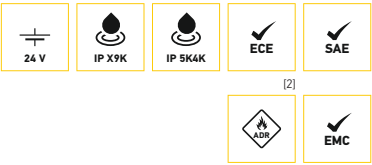
FOR DAF



FULL LED TRUCK REAR LAMP

The full LED truck rear lamp from HELLA is characterised by its replaceable lens and a curved outer lens for optimum sealing. It is available in various versions, including those with backup and warning alarm, variable mounting distances and optional licence plate light. An innovative direction indicator light option with a dynamic direction indicator completes the range.

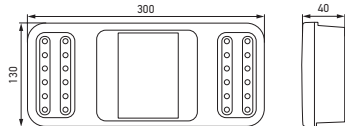
TECHNICAL DATA



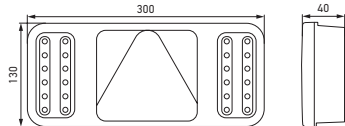
Light function	MAN – tail light (glowing body), strip-shaped: tail light, stop light, direction indicator light, rear fog light, reverse light, clearance light and side marker light, with reflex reflector DAF – tail light (glowing body) in C-shape: tail light, stop light, direction indicator light, rear fog light, reverse light, clearance light and side marker light, with reflex reflector, dynamic direction indicator light
Light source	53 LEDs
Approved	ECE-R10, ADR / GGVSEB ^[2]
Connection	500 mm cable Connector type [A]: DIN bayonet circular connector Connector type [B]: AMP connector
Specification	With pulse for direction indicator failure control

PART NUMBERS

MAN, connector type [A]	
2VD 012 381-011	Left, with licence plate light
2VP 012 381-021 ^[2]	Right
2VD 012 381-031 ^[1]	Left, with licence plate light
2VP 012 381-041 ^[1]	Right
2VP 012 381-051 ^[1]	Left
2VP 012 381-061 ^[1]	Right, with backup and warning alarm
2VP 012 381-081 ^[1]	Right, with backup and warning alarm
DAF, side connection	
2VD 012 381-211 ^[2]	Left, with licence plate light, connector type [B]
2VD 012 381-311 ^[2]	Left, with licence plate light, connector type [A]
2VP 012 381-221 ^[2]	Right, connector type [B]
2VP 012 381-241 ^[2]	Right, with backup and warning alarm, connector type [B]
2VP 012 381-321 ^[2]	Right, connector type [A]
2VP 012 381-341 ^[2]	Right, with licence plate light and backup and warning alarm, connector type [A]
DAF, rear wiring	
2VD 012 381-251 ^[2]	Left, with licence plate light, connector type [B]
2VP 012 381-261 ^[2]	Right, connector type [B]
2VP 012 381-281 ^[2]	Right, with backup and warning alarm, connector type [B]
2VD 012 381-351 ^[2]	Left, with licence plate light, connector type [A]
2VP 012 381-361 ^[2]	Right, connector type [A]
2VP 012 381-381 ^[2]	Right, with backup and warning alarm, connector type [A]



For trucks



For trailers

"COLUNA" FULL LED REAR LAMP



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light For trucks: with rectangular reflex reflector For trailers: with triangular reflex reflector
Light source	36 LEDs
Approved	ECE-R10, ADR / GGVSEB
Connection	500 mm, 1,000 mm or 3,000 mm Connector type [A]: 7-pin EasyConn pin housing Connector type [B]: 7-pin DIN pin housing Connector type [C]: 6.3 mm flat receptacles

For trucks, fastening bolts from behind, with pulse for direction indicator failure control

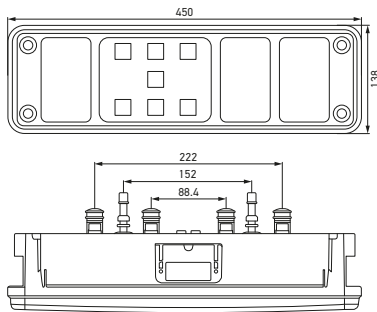
2VP 345 900-011	24 V, left, 1,000 mm cable, connector type [A]
2VP 345 900-021	24 V, right, 1,000 mm cable, connector type [A]
2VP 345 900-091	24 V, left, 1,000 mm cable, AMP connector and connector type [B]
2VP 345 900-101	24 V, right, 1,000 mm cable, connector type [B]
2VP 345 900-131	24 V, left, 3,000 mm cable, connector type [C]
2VP 345 900-141	24 V, right, 3,000 mm cable, connector type [C]

For trailers, fastening bolts from behind, left / right, 3,000 mm cable, connector type [C]

2VP 345 900-261	24 V, with pulse for direction indicator failure control
2VP 345 900-271	24 V
2VP 345 900-461	12 V, with pulse for direction indicator failure control
2VP 345 900-471	12 V

For trailers, fastening screws from the front, left / right, 3,000 mm cable, connector type [C]

2VP 345 900-241	24 V, with pulse for direction indicator failure control
2VP 345 900-251	24 V
2VP 345 900-441	12 V, with pulse for direction indicator failure control



MODULAR LED TRAILER LAMP



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light, with triangular reflex reflector
Light source	27 LEDs
Approved	ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: EasyConn connector, 1 x 7-pin Connector type [B]: EasyConn connector, 4 x 2-pin

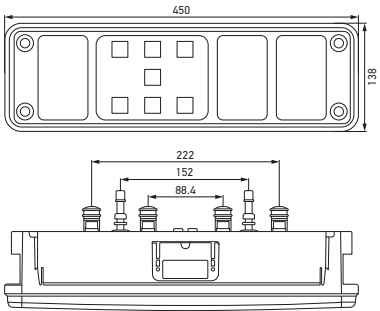
2VP 340 960-011	Left
2VP 340 960-021	Right
2VP 340 960-111	Left, with rubber arm and clearance light
2VP 340 960-121	Right, with rubber arm and clearance light

MODULAR LED HYBRID TRAILER LAMP



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light, with triangular reflex reflector
Light source	Hybrid LED: tail light and stop light, bulb: direction indicator light, rear fog light and reverse light
Approved	ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: EasyConn connector, 1 x 7-pin Connector type [B]: EasyConn connector, 4 x 2-pin

2VP 340 961-011	Left
2VP 340 961-021	Right

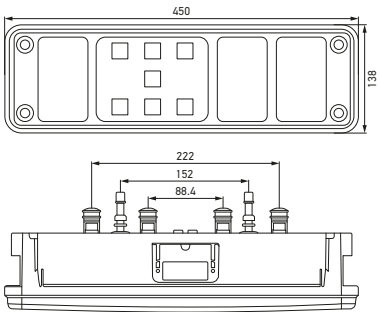


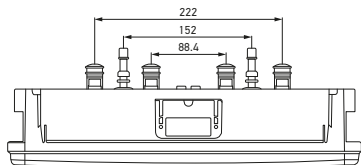
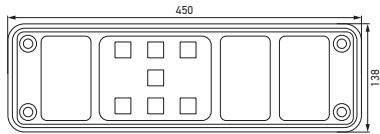
MODULAR LED HYBRID TRAILER LAMP



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light, with rubber arm and clearance light, with triangular reflex reflector
Light source	Hybrid LED: tail light, stop light and clearance light, bulb: direction indicator light, rear fog light and reverse light
Approved	ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: EasyConn connector, 1 x 7-pin Connector type [B]: EasyConn connector, 4 x 2-pin Connector type [C]: 7-pin DIN pin housing Connector type [D]: 2-pin SUPERSEAL pin housing

2VP 340 961-111	Left, connector type [A] + [B]
2VP 340 961-121	Right, connector type [A] + [B]
2VP 340 961-431	Left, connector type [C] + [D]



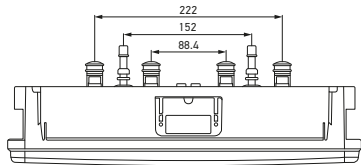
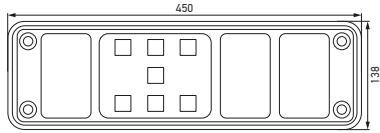


MODULAR LED HYBRID TRAILER LAMP



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light, with rubber arm and clearance light, with triangular reflex reflector
Light source	Hybrid LED: tail light, stop light, rear fog light and clearance light, bulb: direction indicator light and reverse light
Approved	ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: EasyConn connector, 1 x 7-pin Connector type [B]: EasyConn connector, 4 x 2-pin

2VP 340 961-131 Left
2VP 340 961-141 Right



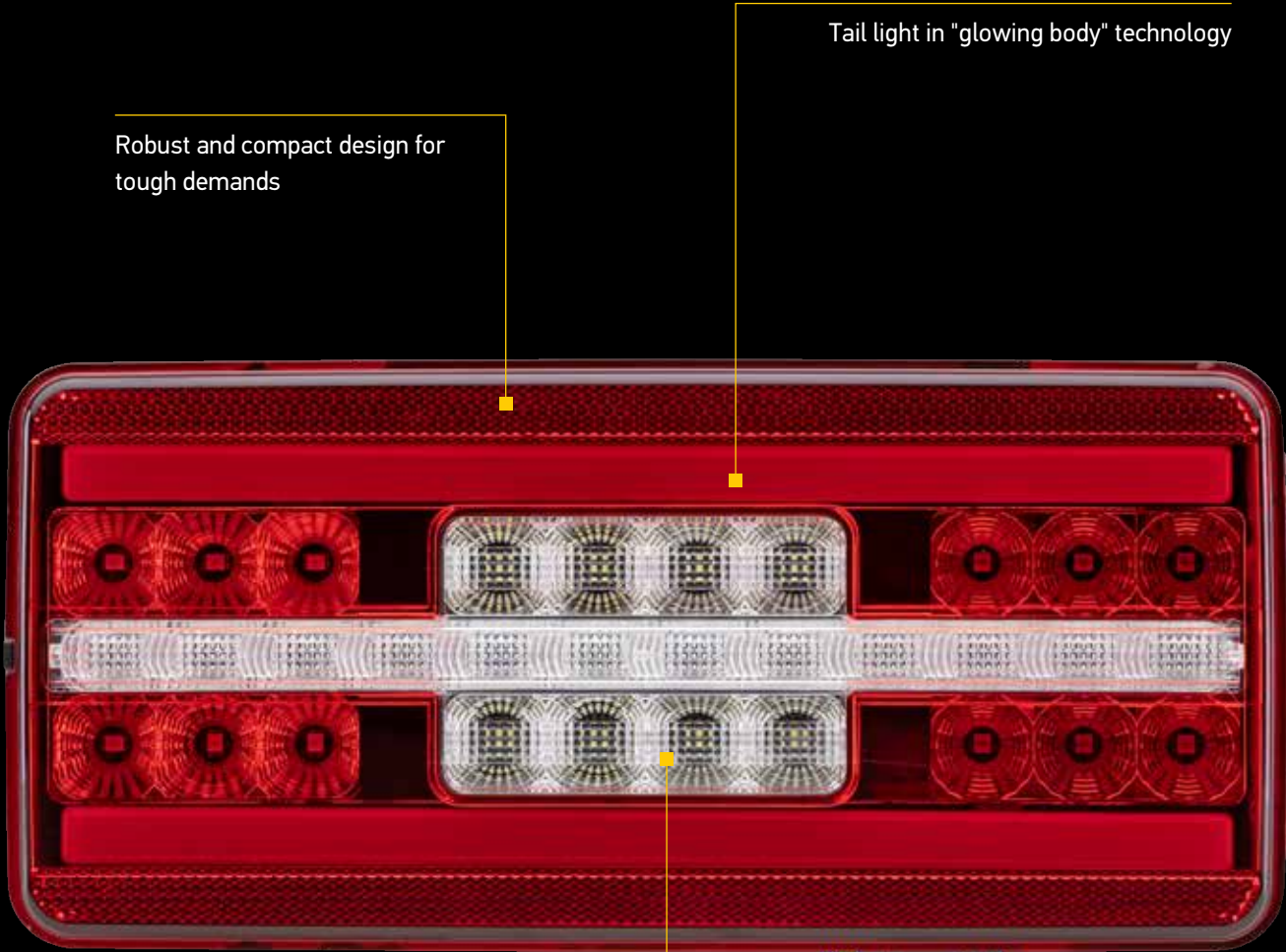
MODULAR LED HYBRID TRAILER LAMP



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light, with rubber arm and clearance light, with triangular reflex reflector
Light source	Hybrid LED: tail light, stop light, rear fog light, reverse light and clearance light, bulb: direction indicator light
Approved	ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: EasyConn connector, 1 x 7-pin Connector type [B]: EasyConn connector, 4 x 2-pin

2VP 340 961-151 Left
2VP 340 961-161 Right





Robust and compact design for tough demands

Tail light in "glowing body" technology

5 light functions in 100% LED technology



Tail light



Stop light



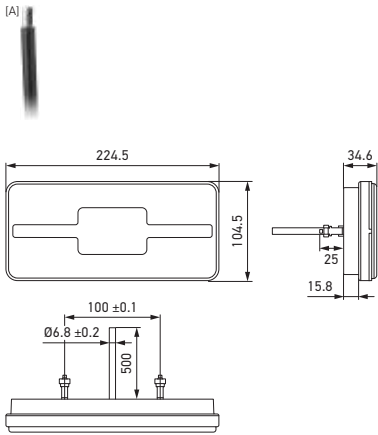
Reverse light



Rear fog light



Direction indicator light

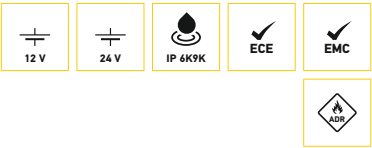


COMPACT FULL LED REAR LAMP 328 630



Safety features can look this good: the compact full LED rear lamp 328 630 offers fascinating new design options and five light functions that are 100% based on reliable LED technology. The tail light of the full LED rear lamp, which consists of two flat, homogeneous light strips and a dynamic direction indicator light, is a real eye-catcher.

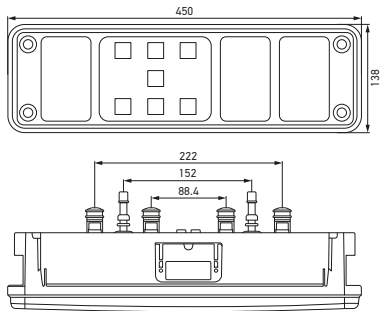
TECHNICAL DATA



Light function	Tail light, stop light, direction indicator light, reverse light and rear fog light, with reflex reflector
Light source	62 LEDs
Approved	ECE-R10, ECE-R148, ADR / GGVSEB
Connection	500 mm cable Connector type [A]: with open ends
Specification	With pulse for direction indicator failure control

PART NUMBERS

2VP 328 630-011	Left / right, horizontal, sweeping direction indicator light
2VP 328 630-021	Left / right, vertical, flashing direction indicator light

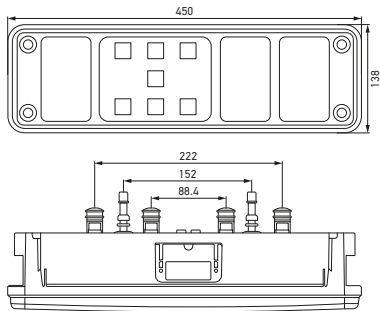


MODULAR LED TRAILER LAMP WITH
KRONE LOGO



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light, with triangular reflex reflector
Light source	27 LEDs
Approved	ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: 7-pin EasyConn pin housing Connector type [B]: 2-pin EasyConn socket housing

- 2VP 340 960-231** Left, with rubber arm and LED clearance light
2VP 340 960-241 Right, with rubber arm and LED clearance light



MODULAR LED HYBRID TRAILER LAMP WITH
KRONE LOGO



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light, with triangular reflex reflector
Light source	Hybrid LED: tail light and stop light, bulb: direction indicator light, rear fog light and reverse light
Approved	ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: 7-pin EasyConn pin housing Connector type [B]: 2-pin EasyConn socket housing

- 2VP 340 961-511** Left
2VP 340 961-521 Right
2VP 340 961-531 Left, with rubber arm and LED clearance light
2VP 340 961-541 Right, with rubber arm and LED clearance light

ACCESSORIES



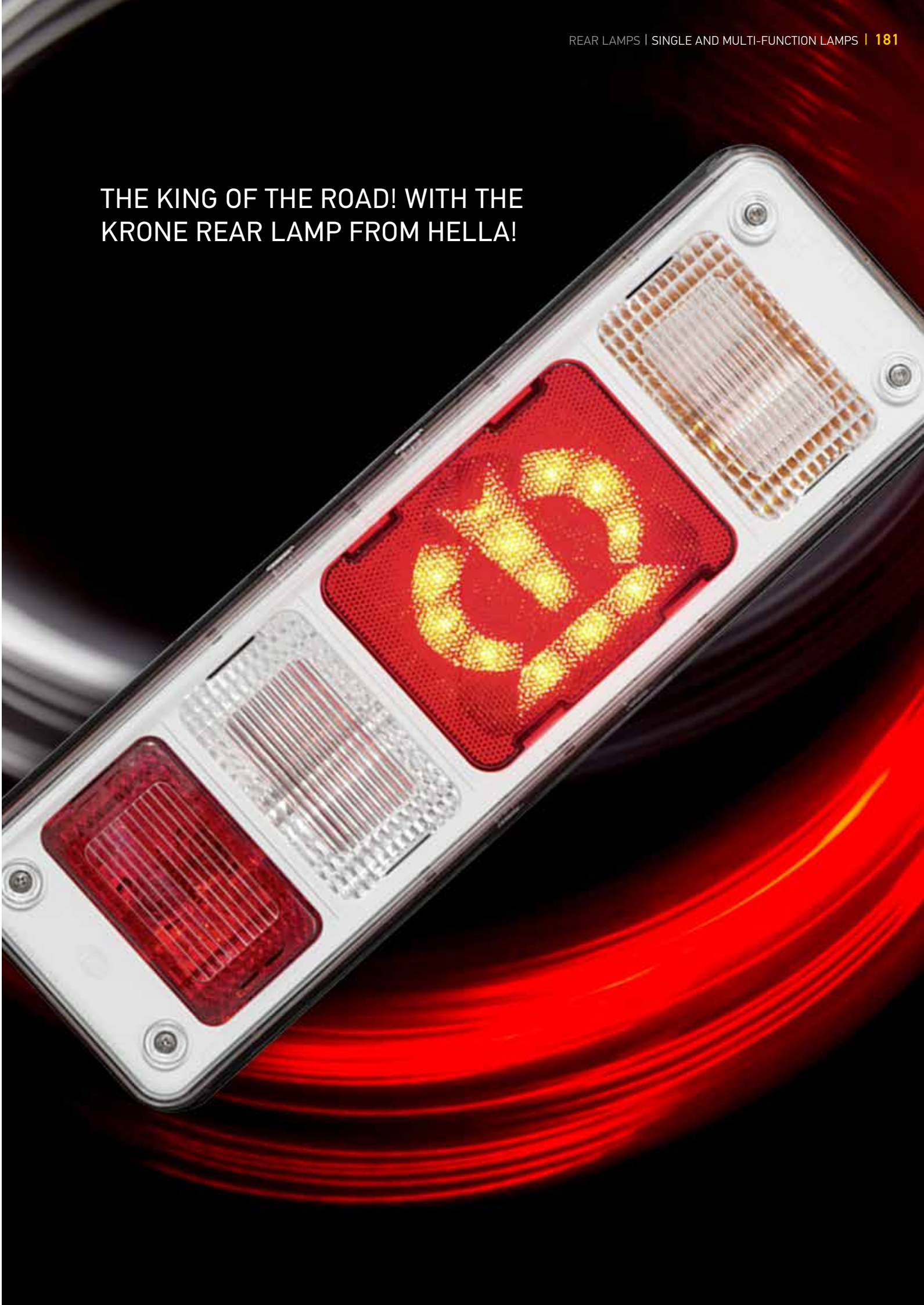
LED TAIL LAMP WITH KRONE LOGO



Light function	Tail light and stop light
Light source	12 LEDs
Approved	ECE-R6, ECE-R7, ADR / GGVSEB
Connection	Flat connector

- 9DW 178 904-021**

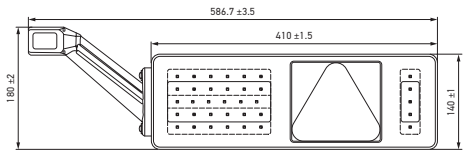
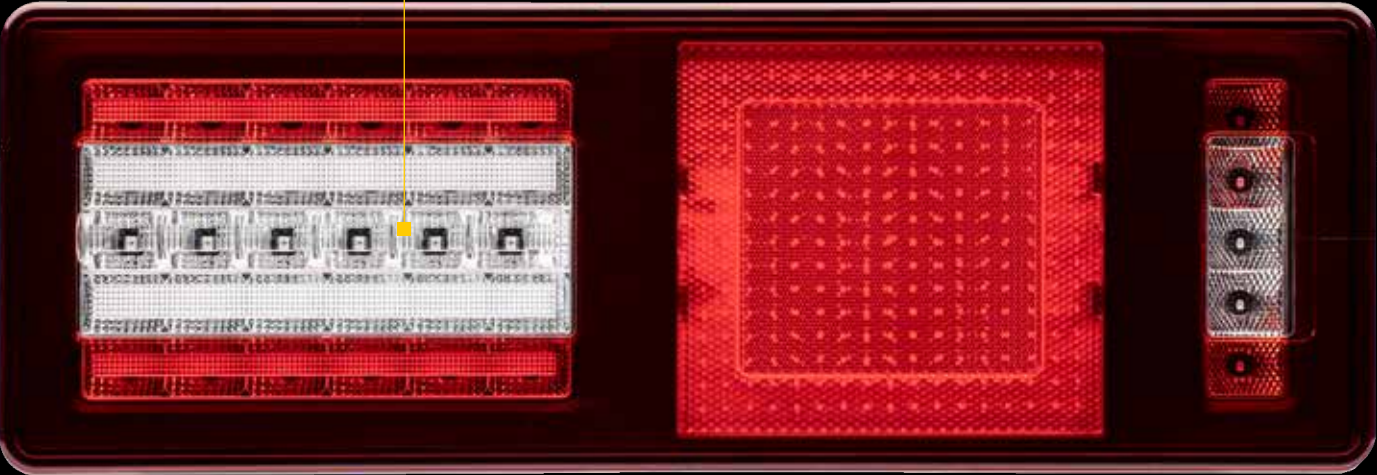
THE KING OF THE ROAD! WITH THE
KRONE REAR LAMP FROM HELLA!



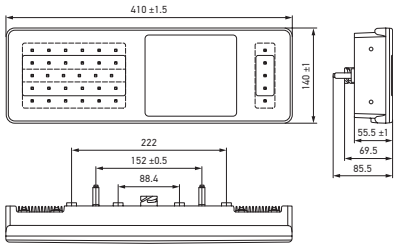


Innovative LED light curtain for tail light function

Dynamic LED direction indicator light



For trailers



For trucks



FULL LED REAR LAMP 340 970

The HELLA full LED rear lamp has an innovative design and offers maximum functionality. The striking LED light curtain ensures eye-catching light output and also good recognisability. With an installation depth of just 55.5 mm and a tail light function covering a large area, it's as space-saving as it is effective. Integrated direction indicator failure control and load simulation and also a sensor interface for electronic functions all come together to round off the package.

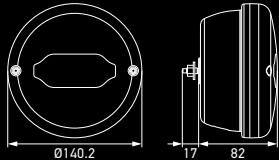
TECHNICAL DATA



Light function	Tail light, stop light, direction indicator light, rear fog light and reverse light. For trucks: with rectangular reflex reflector For trailers: with triangular reflex reflector
Light source	47 LEDs
Approved	ECE-R148, ECE-R150, ECE-R10, ADR / GGVSEB
Connection	Connector type [A]: Central 7-pin DIN bayonet connector Connector type [B]: 2-pin AMP SUPERSEAL connector for auxiliary lighting functions
Specification	With pulse for direction indicator failure control, electronics for flashing side marker lights

PART NUMBERS

For Trailers, with rubber arm and clearance light	
2VP 340 970-031	Left, flashing direction indicator light
2VP 340 970-041	Right, flashing direction indicator light
2VP 340 970-331	Left, sweeping direction indicator light
2VP 340 970-341	Right, sweeping direction indicator light
2VP 340 970-431	Left, flashing direction indicator light, load simulation direction indicator light and stop light
2VP 340 970-441	Right, flashing direction indicator light, load simulation direction indicator light and stop light
2VP 340 970-531	Left, sweeping direction indicator light, load simulation direction indicator light and stop light
2VP 340 970-541	Right, sweeping direction indicator light, load simulation direction indicator light and stop light
For Trucks	
2VP 340 970-701	Left / right, flashing direction indicator light
2VP 340 970-711	Left / right, sweeping direction indicator light



FULL LED REAR LAMP



Light function	Tail, stop and direction indicator light
Light source	15 LEDs
Approved	ECE-R6, ECE-R7, ECE-R10, ADP / GGVSEB
Connection	290 mm or 3,000 mm cable Connector type [A]: 7-pin DIN pin housing Connector type [B]: 7-pin DIN socket housing Connector type [C]: 6.3 mm flat receptacles

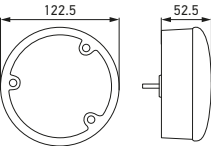
2SD 013 155-101	Left / right, 290 mm cable, connector type [A] + [B]
2SD 013 155-111	Left / right, 3,000 mm cable, connector type [C]

LED REAR LAMP



Light source	37 LEDs
Approved	ECE-R6 ^[1] , ECE-R7 ^[2] , ECE-R10 ^[3] , ADP / GGVSEB
Connection	500 mm cable ^[3] Connector type [A]: with open ends

2SB 964 169-301 ^[2,3]	Tail light and stop light, left / right
2SD 964 169-331 ^[1,2,3]	Tail light, stop light and direction indicator light, left
2SD 964 169-421 ^[1,2,3]	Tail light, stop light and direction indicator light, right
2BA 964 169-311 ^[1]	Direction indicator light, left / right

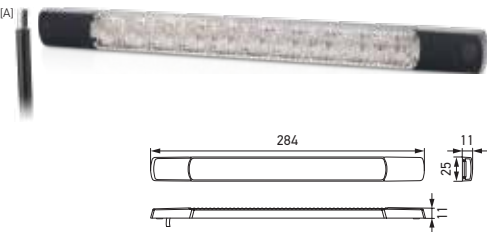


STRIP LAMP LED REAR LAMP



Light function	Tail, stop and direction indicator light
Light source	10 LEDs
Approved	ECE-R6, ECE-R7, ECE-R10
Connection	2,500 mm cable Connector type [A]: with open ends

2SD 980 819-201	Horizontal / vertical
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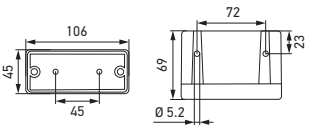


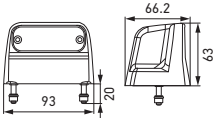
REAR FOG LAMP



Light source	Halogen
Approved	ECE-R38
Connection	Flat receptacle

2NE 006 609-001	Left / right
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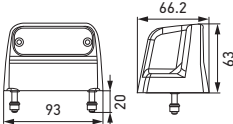


LED LICENCE PLATE LAMP



Light source 2 LEDs
Approved ECE-R4, ECE-R10, ADR / GGVSEB

2KA 012 271-231 2,000 mm cable, flat receptacle
2KA 012 271-271 1,300 mm cable, EasyConn connector

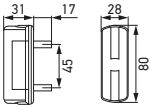


LICENCE PLATE LAMP

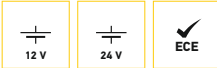


Light source Halogen, without bulbs
Approved ECE-R4, ADR / GGVSEB
Connection Rubber grommet, flat receptacle

2KA 998 523-001 12 V
2KA 998 523-131 12/24 V



LICENCE PLATE LAMP



Light source Halogen, without bulbs
Approved ECE-R4
Connection Flat connector

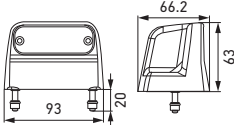
2KA 001 389-101

LICENCE PLATE LAMP



Light source Halogen, without bulbs
Approved ECE-R10, ADR / GGVSEB

2KA 003 389-061⁽¹⁾ Flat connector
2KA 003 389-081 Rubber grommet, flat connector

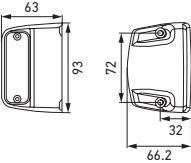


LED LICENCE PLATE LAMP



Light source 4 LEDs
Approved ECE-R4, ECE-R10, ADR / GGVSEB
Connection Flat connector

2KA 010 278-021



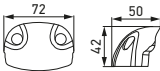
LED LICENCE PLATE LAMP



Light source 4 LEDs
Approved ECE-R4
Connection 250 mm cable with open ends

2KA 357 013-001

HELLA
VALUEFIT



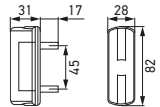
LICENCE PLATE LAMP

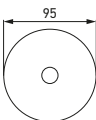
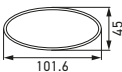
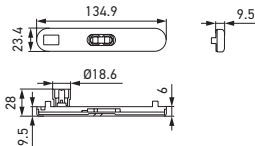
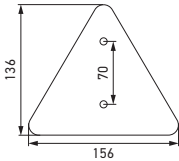


Light source Halogen, without bulbs
Approved ECE-R4
Connection Flat connector

2KA 357 014-001

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REFLEX REFLECTOR



Colour	Red
Approved	ECE-R3
Depth	8 mm

8RA 002 020-001	Screw mounting
8RA 002 020-051	Screw mounting, with screws

REFLEX REFLECTOR



Colour	Red
Approved	ECE-R3
Depth	10 mm

8RA 009 226-131	Self-adhesive
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REFLEX REFLECTOR



Colour	Amber
Approved	ECE-R3
Depth	5 mm

8RA 343 160-022	Self-adhesive
-----------------	---------------

REFLEX REFLECTOR



Colour	Red
Approved	ECE-R3

8RA 002 016-111	Screw mounting, depth: 12 mm
8RA 002 016-121 ⁽¹⁾	Screw mounting, depth: 13 mm

REFLEX REFLECTOR



Approved	ECE-R3
Depth	6.5 mm

Screw mounting	
8RA 002 014-231 ⁽¹⁾	Red
8RA 002 014-241 ⁽¹⁾	White
8RA 002 014-251 ⁽¹⁾	Amber

Self-adhesive	
8RA 002 014-281 ⁽¹⁾	Red
8RA 002 014-291	White
8RA 002 014-301	Amber

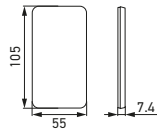


REFLEX REFLECTOR



Colour	Amber
Approved	ECE-R3
Depth	7 mm

8RB 004 713-001	Self-adhesive
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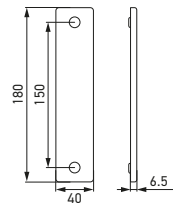
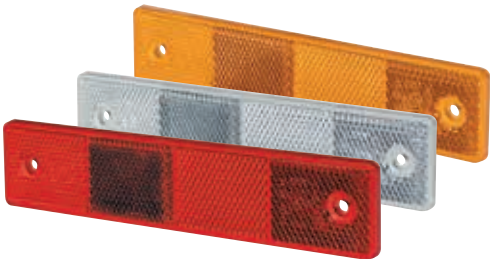


REFLEX REFLECTOR



Approved	ECE-R3
Depth	5 mm

8RA 002 023-001	Screw mounting, red
8RA 002 023-011	Screw mounting, white
8RA 002 023-021	Screw mounting, amber



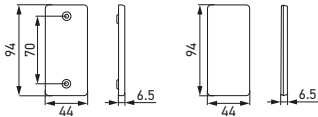
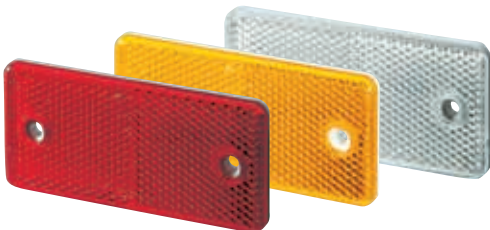


REFLEX REFLECTOR

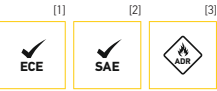


Approved	ECE-R3, ADR / GGVSEB ^[1]
Depth	6 mm

8RA 004 412-001	Self-adhesive, amber
8RA 004 412-011 ^[1]	Self-adhesive, white
8RA 004 412-021 ^[1]	Self-adhesive, red



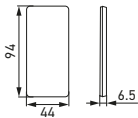
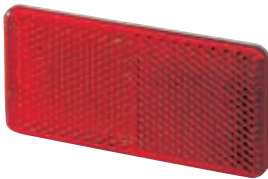
REFLEX REFLECTOR



Approved	ECE-R3, ADR / GGVSEB ^[3]
Depth	7 mm

Screw mounting	
8RA 003 326-001 ^[2]	Red
8RA 003 326-011 ^[1]	Amber
8RA 003 326-021 ^[1,3]	White

Self-adhesive, horizontal mounting	
8RA 003 326-031 ^[1]	Red
8RA 003 326-041 ^[1,2]	Amber
8RA 003 326-051 ^[1,2]	White



REFLEX REFLECTOR



Colour	Red
Approved	ECE-R3
Depth	7 mm

8RA 003 326-931	Self-adhesive, vertical mounting
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ACCESSORIES



BRACKET

For reflex reflectors, 200 x 51 mm, screw mounting
8HG 002 240-001



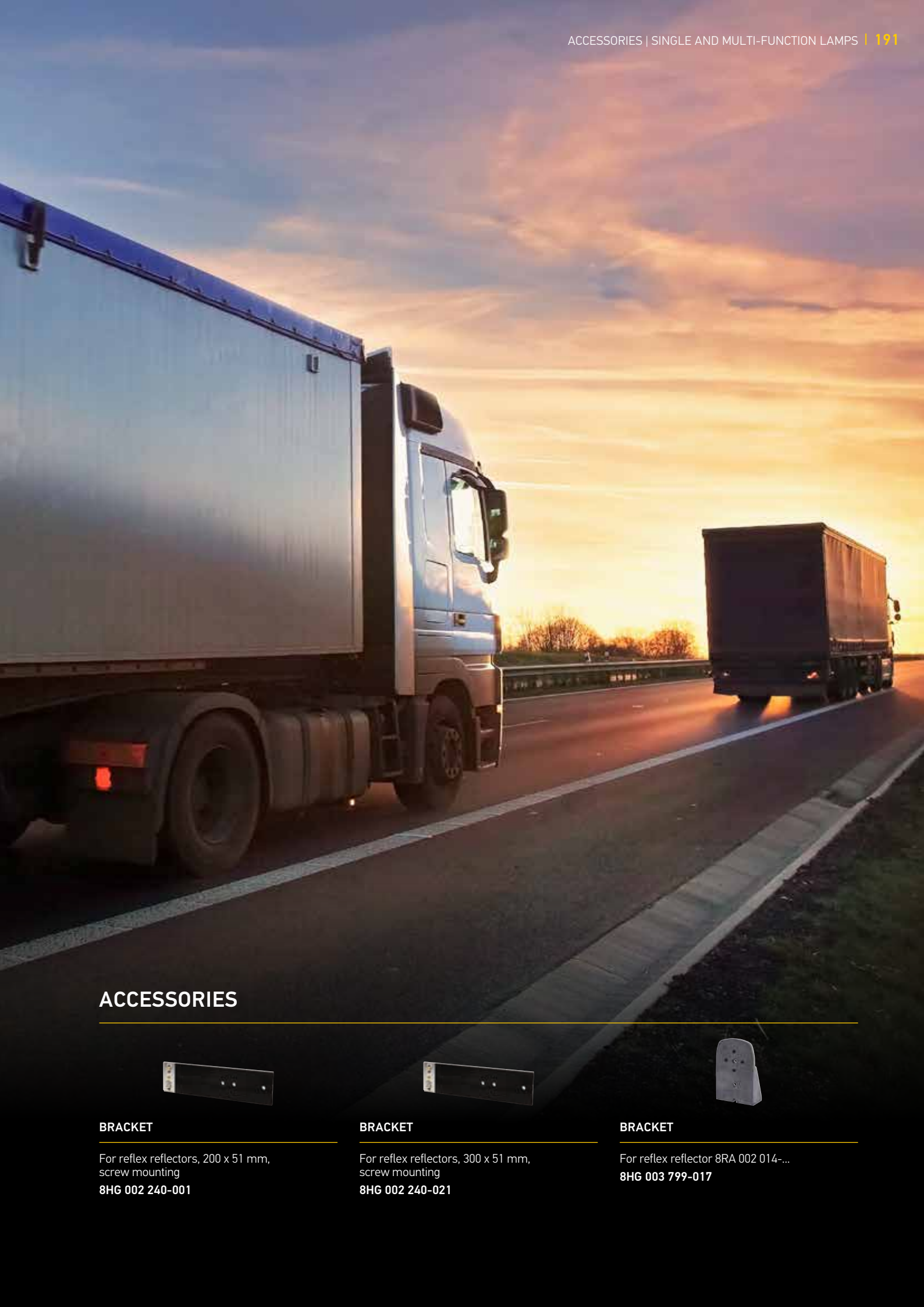
BRACKET

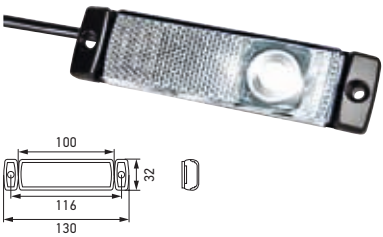
For reflex reflectors, 300 x 51 mm, screw mounting
8HG 002 240-021



BRACKET

For reflex reflector 8RA 002 014-...
8HG 003 799-017





LED POSITION LAMP



Power consumption	1 W
Light source	1 LED
Approved	ECE-R3, ECE-R7, ADR / GGVSEB
Connection	500 mm cable with open ends

2PG 008 645-971



DURALED POSITION LAMP



Power consumption	0.5 W / 1 W
Light source	1 LED
Approved	ECE-R10, ADR / GGVSEB
Connection	500 mm cable

2PF 959 570-207



LED POSITION LAMP



Power consumption	0.5 W / 1 W
Light source	1 LED
Approved	ECE-R10, ECE-R91, ADR / GGVSEB
Connection	500 mm cable

2PF 959 590-207

DURALED CLEARANCE LAMP



Power consumption	0.5 W / 1 W
Light source	2 LEDs
Approved	ECE-R7, ECE-R10, ADR / GGVSEB
Connection	500 mm cable

2XA 959 560-407

LED CLEARANCE LAMP



Power consumption	0.5 W / 1 W
Light source	2 LEDs
Approved	ECE-R7, ECE-R10, ADR / GGVSEB
Connection	2,500 mm cable

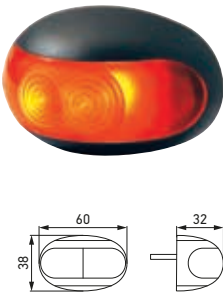
2XS 959 650-007

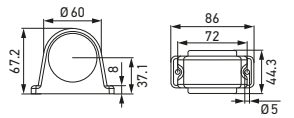
LED CLEARANCE LAMP



Power consumption	0.5 W / 1 W
Light source	2 LEDs
Approved	ECE-R7, ECE-R10, ADR / GGVSEB
Connection	500 mm cable

2XA 959 790-401 With clearance lamp and tail light
2XA 959 790-411 With clearance lamp





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LED CLEARANCE LAMP



Power consumption	1 W
Light source	8 LEDs
Approved	ECE-R7, ECE-R10
Connection	200 mm cable with open ends

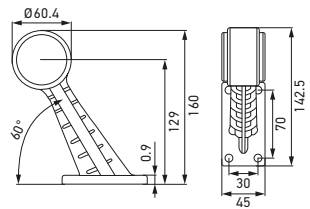
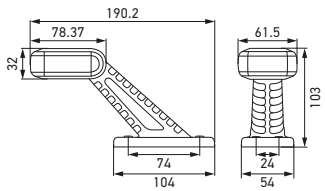
2XS 357 003-001

LED CLEARANCE LAMP



Power consumption	1.6 W
Light source	8 LEDs
Approved	ECE-R7, ECE-R10, ECE-R91
Connection	250 mm cable with open ends

2XS 357 006-011 Left
2XS 357 006-021 Right



HELLA
VALUEFIT

LED CLEARANCE LAMP



Power consumption	1 W
Light source	8 LEDs
Approved	ECE-R7, ECE-R10
Connection	70 mm cable with open ends

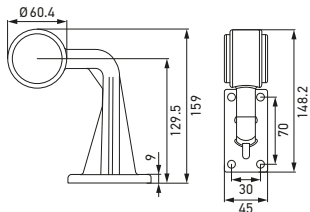
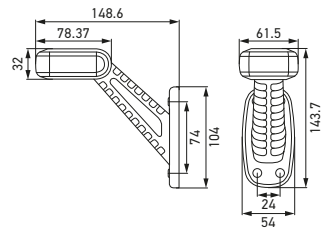
2XS 357 004-031 Left
2XS 357 004-041 Right

LED CLEARANCE LAMP



Power consumption	1.6 W
Light source	8 LEDs
Approved	ECE-R7, ECE-R10, ECE-R91
Connection	250 mm cable with open ends

2XS 357 007-011 Left
2XS 357 007-021 Right



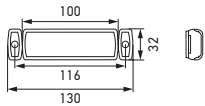
HELLA
VALUEFIT

LED CLEARANCE LAMP



Power consumption	1 W
Light source	8 LEDs
Approved	ECE-R7, ECE-R10
Connection	50 mm cable with open ends

2XS 357 005-031 Left
2XS 357 005-041 Right

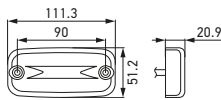


LED MARKER LAMP



Power consumption	1.2 W
Light source	1 LED
Approved	ECE-R3, ECE-R7, ADR / GGVSEB
Connection	500 mm cable

2TM 008 645-951



LED TAIL LAMP



Power consumption	1.2 W
Light source	2 LEDs
Approved	ECE-R3, ECE-R7, ECE-R10, ADR / GGVSEB
Connection	5,000 mm cable with open ends

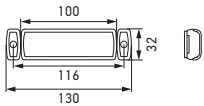
2TM 345 600-317

LED SIDE MARKER LAMP



Power consumption	1 W
Light source	1 LED
Approved	ECE-R3, ECE-R91, ADR / GGVSEB
Connection	1,500 mm cable with open ends

2PS 008 645-001

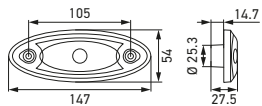


ONELED SIDE MARKER LAMP



Power consumption	1 W
Light source	1 LED
Approved	ECE-R3, ECE-R91
Connection	AMP connector

2PS 344 690-627

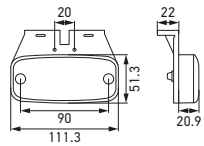


LED SIDE MARKER LAMP



Power consumption	1.2 W
Light source	2 LEDs
Approved	ECE-R3, ECE-R10, ECE-R91, ADR / GGVSEB
Connection	500 mm cable with open ends

2PS 345 600-077

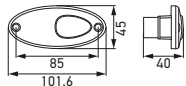


LED SIDE MARKER LAMP



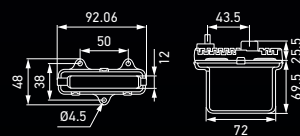
Power consumption	1 W
Light source	2 LEDs
Approved	ECE-R3, ECE-R91
Connection	500 mm cable

2PS 964 295-057

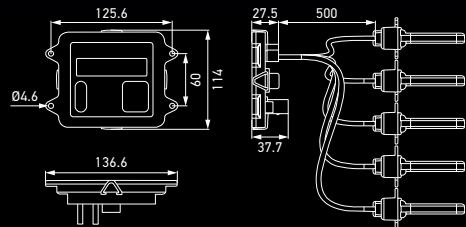




FLEXIBLE MODULARITY – ENDLESS STYLE!



Module



Control unit

LED DAYTIME RUNNING LAMP
LEDAYFLEX III



Light function	Daytime running light, position light and direction indicator light
Power consumption	Daytime running light: 11.5 W (3 modules), 15 W (4 modules), 18.5 W (5 modules) Position light: 2.7 W (3 modules), 3.4 W (4 modules), 4.2 W (5 modules) Direction indicator light: 11.5 W (3 modules), 15 W (4 modules), 18.5 W (5 modules)
Light source	3 modules: 24 LEDs 4 modules: 32 LEDs 5 modules: 40 LEDs
Approved	ECE-R10, ECE-R148
Connection	DEUTSCH DT connector or FEP connector, with control unit

3 modules	
2BE 016 400-301	FEP connector
2BE 016 400-341	DEUTSCH DT connector
4 modules	
2BE 016 400-401	FEP connector
2BE 016 400-411	Sweeping direction indicator light (left), FEP connector
2BE 016 400-421	Sweeping direction indicator light (right), FEP connector
5 modules	
2BE 016 400-501	FEP connector

WARNING LAMP 2002



Light source	Halogen, with bulbs
2XW 003 146-001	Orange housing For battery operation with 5 mono cells



WARNING LAMP 3003



Light source	Halogen, with bulbs
Approved	ADR / GGVSEB ^[1]
2XW 007 146-001	Orange housing For battery operation with 5 mono cells
2XW 007 146-011 ^[1]	Yellow housing 3.0 AH rechargeable battery, operating time: Hazard warning light approx. 40 hours Work light approx. 7 hours



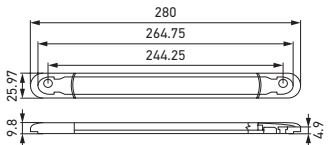
LED AUXILIARY STOP LAMP 343 106



Power consumption	12 V: 0.7 W, 24 V: 1.4 W
Light source	10 LEDs
Approved	ECE-R7, ECE-R10
Connection	3,000 mm cable with open ends

Screw mounting	
2DA 343 106-001	12 V, red
2DA 343 106-011	24 V, red
2DA 343 106-021	12 V, smoked glass colour
2DA 343 106-031	24 V, smoked glass colour

Self-adhesive	
2DA 343 106-201	12 V, red
2DA 343 106-211	24 V, red
2DA 343 106-221	12 V, smoked glass colour
2DA 343 106-231	24 V, smoked glass colour

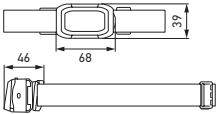


HAND LAMPS

RELIABLE LIGHTING FOR PROFESSIONALS AND ADVENTURERS

The ideal companion for the workshop, for leisure time, the garage, or for any outdoor activities. With their robust design, durable LED technology and ergonomic handling, HELLA hand lamps are the ideal companion for professional and private use. Their high light output, long battery life and resistance to impact and weathering make HELLA hand lamps the first choice for working in demanding conditions.



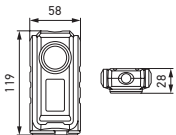


UHL500



Luminous flux	From 120 lm up to 500 lm
Light source	LED
Specification	With magnet
Charging time	2.5 h
Operating time	Up to 480 mins
Battery capacity	1,000 mAh
Length of charging cable	0.75 m
Connection	Micro-USB

2XM 359 002-001 USB head lamp

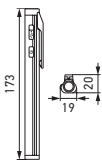


UP500



Luminous flux	From 75 lm up to 250 lm
Light source	LED
Specification	With hook and magnet
Charging time	4 h
Operating time	Up to 600 mins
Battery capacity	2,000 mAh
Length of charging cable	0.75 m
Connection	Micro-USB

2XM 359 002-201 USB Pocket Light 500



UPL300



Luminous flux	From 180 lm up to 300 lm
Light source	LED
Specification	With hook and magnet
Charging time	2.5 h
Operating time	Up to 180 mins
Battery capacity	650 mAh
Length of charging cable	0.75 m
Connection	Micro-USB

2XM 359 002-101 USB Pen Light

HELLA
VALUEFIT



HAND LAMPS



Luminous flux	150 lm	From 20 lm up to 300 lm	From 150 lm up to 280 lm	From 150 lm up to 300 lm	From 500 lm up to 1,000 lm
Light source	LED	LED	LED	LED	LED
Specification	With swivelling clip and magnet	With hook, magnet and swivelling base	With hook and magnet	With hook and magnet	With hook and magnet
Charging time	1.5 h	4 h	4 h	4 h	4 h
Operating time	Up to 240 mins	Up to 420 mins	Up to 420 mins	Up to 360 mins	Up to 480 mins
Battery capacity	800 mAh	2,000 mAh	2,000 mAh	2,000 mAh	4,000 mAh
Length of charging cable	0.6 m	0.6 m	0.6 m	0.6 m	0.6 m
Connection	Micro-USB	Micro-USB	Micro-USB	Micro-USB	Micro-USB
Dimensional sketch	1	2	3	4	5

UPL150
USB Pen Light
2XM 357 300-101

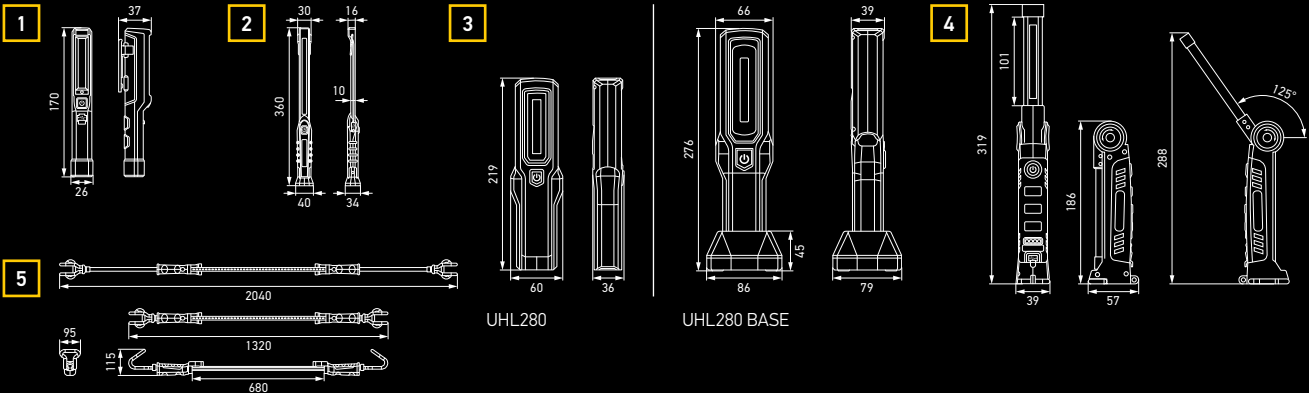
USL300
USB stick lamp
2XM 357 300-201

UHL280
Rechargeable USB
hand lamp
2XM 357 300-301

USP300
USB Slim Pocket Light
2XM 357 300-001

UBL1000
USB bonnet lamp
2XM 357 300-501

UHL280 BASE
Rechargeable USB
hand lamp with
additional charging
station
2XM 357 300-311



TYPE APPROVAL NUMBERS

PART NO.	E-NR.
1EB 996 167-031	E1 1502
1EB 996 167-031	E4 6542
1EB 996 167-031	E4 6543
1EB 996 167-041	E1 1502
1EB 996 167-041	E4 6542
1EB 996 167-041	E4 6543
1EE 996 174-251	E4 11372
1EE 996 174-261	E4 11372
1EE 996 174-391	E4 11372
1EE 996 174-401	E4 11372
1EE 996 374-001	E1 4079
1EE 996 374-011	E1 4079
1EE 996 374-021	E1 4079
1F8 006 800-051	E1 44484
1F8 007 560-311	E1 1928
1F8 009 797-101	E1 1928
1F8 016 560-001	E1 8873
1F8 016 560-001	E24 5919
1F8 016 560-001	EMC
1F8 016 560-011	E1 8873
1F8 016 560-011	E24 5919
1F8 016 560-011	EMC
1F8 016 560-021	EMC
1F8 016 560-031	E1 8873
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1F8 016 560-031	EMC
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1F8 016 797-011	E24 5919
1F8 016 797-011	EMC
1F8 241 400-011	E1 8477
1F8 241 400-011	E24 5919
1F8 241 400-011	EMC
1F8 241 429-011	E1 8477
1F8 241 429-011	E24 5919
1F8 241 429-011	E24 5920
1F8 241 429-011	EMC
1FA 358 176-841	E9*10R06/00
1FA 358 176-851	E9*10R06/00
1FA 358 176-861	E9*10R06/00
1FE 008 773-041	E1 1655
1FE 008 773-081	E1 1655
1FE 008 773-081	E1 1741
1FE 008 773-081	E1 8477
1FE 016 773-001	E1 9032
1FE 016 773-001	E24 5931
1FE 016 773-011	E1 9032
1FE 016 773-011	E24 5931

PART NO.	E-NR.
1FE 358 154-001	E9 23087
1FE 358 154-011	SAE J581
1FE 358 154-021	E9 23086
1FE 358 154-031	E1 5085
1FE 358 154-031	E9 16538
1FE 358 154-041	E1 5085
1FE 358 154-041	E9 16538
1FE 358 154-051	E1 5085
1FE 358 154-051	E9 16538
1G0 357 000-001	E9 6400
1G0 357 000-011	E9 6400
1G0 357 101-012	E50 0067
1G0 357 108-012	E50 0067
1G0 357 111-002	E9 050116
1G0 357 113-002	E9 050116
1G0 996 776-001	E12 10R-06 0116
1G0 996 776-011	E12 10R-06 0116
1G0 996 776-201	E12 10R-06 0119
1G0 996 776-211	E12 10R-06 0119
1G1 357 105-022	E50 0067
1GA 357 001-001	E9 6402
1GA 357 001-011	E9 6402
1GA 357 109-002	E24 10R-052113
1GA 357 109-002	E24 52113
1GA 357 109-012	E24 10R-052113
1GA 357 109-022	E24 10R-052113
1GA 357 109-022	E24 52113
1GA 357 110-002	E9 050116
1GA 357 112-002	E9 050116
1GA 357 114-002	E9 050116
1GA 996 588-001	E12 10R-06 0115
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1GA 996 588-201	E12 10R-06 0118
1GA 996 588-211	E12 10R-06 0118
1LE 996 374-031	E1 4079
1LE 996 374-041	E1 4079
1SA 996 120-471	E4 25728
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2BA 964 169-311	E17 652
2BE 016 400-301	E1 9474
2BE 016 400-301	E24 5936
2BE 016 400-341	E1 9474
2BE 016 400-341	E24 5936
2BE 016 400-401	E1 9474
2BE 016 400-401	E24 5936
2BE 016 400-411	E1 9474
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2BE 016 400-421	E24 5936
2BE 016 400-501	E1 9474

PART NO.	E-NR.
2BE 016 400-501	E24 5936
2DA 343 106-001	E17 0127
2DA 343 106-001	E4 7696
2DA 343 106-011	E17 0127
2DA 343 106-011	E4 7696
2DA 343 106-021	E17 0127
2DA 343 106-021	E4 7696
2DA 343 106-031	E17 0127
2DA 343 106-031	E4 7696
2DA 343 106-201	E17 0127
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2DA 343 106-211	E17 0127
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2DA 343 106-221	E17 0127
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2KA 003 389-061	E1 22819
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2KA 012 271-231	E1 47294
2KA 012 271-231	E23 0032
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2KA 357 013-001	E9 1248
2KA 357 014-001	E9 1789
2KA 998 523-001	E12 4031
2KA 998 523-131	E12 4031
2NE 006 609-001	E17 3806
2PF 959 570-207	E24 0051
2PF 959 590-207	E24 0054
2PG 008 645-971	E1 1395
2PG 008 645-971	E1 1398
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2PS 345 600-077	E17 0072
2PS 964 295-057	E17 0202
2RL 004 957-111	E2 88072
2RL 004 957-111	K 8651
2RL 004 958-101	E2 88072
2RL 004 958-101	K 8652
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2RL 006 295-111	E4 6506
2RL 006 295-111	K 8651
2RL 006 846-001	e1 2181
2RL 006 846-001	E4 6509
2RL 006 846-011	e1 2181

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2RL 007 337-031	e1 2181
2RL 007 337-031	E4 6509
2RL 008 061-111	E1 1241
2RL 008 061-111	e1 1740
2RL 008 965-011	E1 1419
2RL 008 965-011	e1 2954
2RL 009 506-001	E1 2076
2RL 009 506-011	E1 2076
2RL 010 979-001	E1 3109
2RL 010 979-011	E1 3109
2RL 010 979-021	E1 3109
2RL 011 484-001	E1 36194
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2SD 964 169-421	E17 9823
2SD 964 169-421	E24 0226
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2SD 980 819-201	E24 10R 05-2026
2SD 980 819-201	E24 5902
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2TM 345 600-317	E24 025881
2TM 345 600-317	E24 5881
2VD 012 381-011	E24 5884
2VD 012 381-031	E24 5884
2VD 012 381-211	E24 5884
2VD 012 381-251	E24 5884
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2VP 012 381-021	E24 5884
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2VP 012 381-221	E24 5884
2VP 012 381-241	E24 5884
2VP 012 381-261	E24 5884
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2VP 012 381-321	E24 5884
2VP 012 381-341	E24 5884
2VP 012 381-361	E24 5884
2VP 012 381-381	E24 5884
2VP 340 960-011	E1 045912
2VP 340 960-011	E1 10R 04 5683
2VP 340 960-011	E1 10R 04 5912
2VP 340 960-011	E1 5683
2VP 340 960-011	E24 5855
2VP 340 960-021	E1 045683
2VP 340 960-021	E1 10R 04 5683
2VP 340 960-021	E1 5912
2VP 340 960-021	E24 5855
2VP 340 960-111	E1 045683
2VP 340 960-111	E1 10R 04 5683
2VP 340 960-111	E1 10R 04 5912
2VP 340 960-111	E1 5912
2VP 340 960-111	E24 5855
2VP 340 960-121	E1 045683
2VP 340 960-121	E1 045912
2VP 340 960-121	E1 10R 04 5683
2VP 340 960-121	E1 10R 04 5912
2VP 340 960-121	E24 5855
2VP 340 960-231	E24 5855
2VP 340 960-231	E24 5856
2VP 340 960-231	E24 5877
2VP 340 960-241	E24 5855
2VP 340 960-241	E24 5856
2VP 340 960-241	E24 5877
2VP 340 961-011	E24 5856
2VP 340 961-011	E24 5866
2VP 340 961-011	E4 11392
2VP 340 961-011	E4 5855
2VP 340 961-011	E4 5866
2VP 340 961-021	E24 5856
2VP 340 961-021	E24 5866
2VP 340 961-021	E4 11392
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2VP 340 961-121	E4 5866
2VP 340 961-131	E4 5855
2VP 340 961-131	E4 5866
2VP 340 961-141	E4 5855
2VP 340 961-141	E4 5866
2VP 340 961-151	E1 045912
2VP 340 961-151	E1 10R 04 5912
2VP 340 961-151	E4 5855
2VP 340 961-151	E4 5866
2VP 340 961-161	E1 10R 04 5912
2VP 340 961-161	E1 5912
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2VP 340 961-511	E24 5855
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2VP 340 961-541	E24 5877
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2VP 345 900-011	E17 0071
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2VP 345 900-011	E24 5880
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2VP 345 900-131	E24 5880
2VP 345 900-141	E17 0071
2VP 345 900-141	E24 5879

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2VP 345 900-251	E17 0071
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2VP 345 900-461	E17 0071
2VP 345 900-461	E24 5879
2VP 345 900-461	E24 5880
2VP 345 900-471	E17 0071
2VP 345 900-471	E24 5879
2VP 345 900-471	E24 5880
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2XD 011 557-101	E1 3468
2XD 011 557-111	E1 3468
2XD 011 557-121	E1 3468
2XD 011 557-901	E1 036816
2XD 011 557-901	E1 10R-036816
2XD 012 160-051	E6 0471
2XD 012 160-801	E6 0471
2XD 012 160-811	E6 0471
2XD 012 160-821	E6 0471
2XD 012 160-851	E6 0471
2XD 012 160-861	E6 0471
2XD 012 160-871	E6 0471
2XD 012 160-881	E6 0471
2XD 012 160-951	E6 0471
2XD 012 160-961	E6 0471
2XD 013 878-001	E1 10296
2XD 013 878-001	E1 6010
2XD 013 878-001	E1 6011
2XD 066 146-041	E1 005218
2XS 357 003-001	E9 6754
2XS 357 004-031	E9 6754
2XS 357 004-041	E9 6754
2XS 357 005-031	E9 6754
2XS 357 005-041	E9 6754
2XS 357 006-011	E9 6753

TYPE APPROVAL NUMBERS

E-NR.	PART NO.	E-NR.	PART NO.	E-NR.	PART NO.	E-NR.	PART NO.	E-NR.	PART NO.	E-NR.	PART NO.	E-NR.	PART NO.	E-NR.	PART NO.
E1 005218	2XD 066 146-041	E1 22819	2KA 003 389-061	E12 10R-06 0115	1GA 996 588-001	E17 353	8RB 004 713-001	E24 5856	2VP 340 961-021	E24 5884	2VP 012 381-051	E4 5855	2VP 340 961-141	E6 0471	2XD 012 160-961
E1 0231290	8RA 002 016-111	E1 22819	2KA 003 389-081	E12 10R-06 0116	1G0 996 776-001	E17 3806	2NE 006 609-001	E24 5856	2VP 340 961-111	E24 5884	2VP 012 381-061	E4 5855	2VP 340 961-151	E9 050116	1G0 357 111-002
E1 036816	2XD 011 557-901	E1 2609	2KA 010 278-021	E12 10R-06 0116	1G0 996 776-011	E17 652	2BA 964 169-311	E24 5856	2VP 340 961-511	E24 5884	2VP 012 381-081	E4 5855	2VP 340 961-161	E9 050116	1G0 357 113-002
E1 045683	2VP 340 960-021	e1 2954	2KL 008 965-011	E12 10R-06 0118	1GA 996 588-201	E17 814	2SB 964 169-301	E24 5856	2VP 340 961-521	E24 5884	2VP 012 381-221	E4 5855	2VP 340 961-431	E9 050116	1GA 357 110-002
E1 045683	2VP 340 960-111	E1 3109	2RL 010 979-001	E12 10R-06 0118	1GA 996 588-211	E17 9823	2SD 964 169-421	E24 5856	2VP 340 961-531	E24 5884	2VP 012 381-241	E4 5866	2VP 340 961-011	E9 050116	1GA 357 112-002
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E1 1241	2RL 008 061-111	E1 44484	1F8 006 800-051	E17 0071	2VP 345 900-461	E24 0054	2PF 959 590-207	E24 5879	2VP 345 900-241	E24 5919	1F8 241 400-011	E4 6509	2RL 007 337-031	E9 6754	2XS 357 003-001
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E1 1655	1FE 008 773-041	E1 6011	2XD 013 878-001	E17 0202	2PS 964 295-057	E24 10R-052113	1GA 357 109-002	E24 5880	2VP 345 900-131	E4 11372	1EE 996 174-251	E4 7696	2DA 343 106-031	EMC	1F8 016 560-031
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E1 1928	1F8 009 797-101	E1 8873	1F8 016 560-011	E17 02346	8RA 002 020-001	E24 5855	2VP 340 960-011	E24 5880	2VP 345 900-271	E4 11392	2VP 340 961-021	E4 9823	2SD 964 169-331	K 13932	2XW 003 146-001
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E1 21395	8RA 003 326-001	E1 8873	1F8 016 797-011	E17 02379	8RA 002 023-001	E24 5855	2VP 340 960-121	E24 5880	2VP 345 900-471	E4 11392	2VP 340 961-521	E50 0067	1G1 357 105-022	K 8651	2RL 004 957-111
E1 21395	8RA 003 326-011	E1 9032	1FE 016 773-001	E17 02379	8RA 002 023-011	E24 5855	2VP 340 960-231	E24 5881	2TM 345 600-317	E4 11392	2VP 340 961-531	E6 0471	2XD 012 160-051	K 8651	2RL 006 295-111
E1 21395	8RA 003 326-021	E1 9032	1FE 016 773-011	E17 02379	8RA 002 023-021	E24 5855	2VP 340 960-241	E24 5884	2VD 012 381-011	E4 11392	2VP 340 961-541	E6 0471	2XD 012 160-801	K 8652	2RL 004 958-101
E1 21395	8RA 003 326-031	E1 9474	2BE 016 400-301	E17 050072	2TM 345 600-317	E24 5855	2VP 340 961-511	E24 5884	2VD 012 381-031	E4 25728	1SA 996 120-471	E6 0471	2XD 012 160-811	K 8652	2RL 004 958-111
e1 2181	2RL 006 846-001	E1 9474	2BE 016 400-341	E17 338	8RA 004 412-001	E24 5855	2VP 340 961-521	E24 5884	2VD 012 381-211	E4 3190	8RA 343 160-022	E6 0471	2XD 012 160-821	SAE J581	1FE 358 154-011
e1 2181	2RL 006 846-011	E1 9474	2BE 016 400-401	E17 338	8RA 004 412-011	E24 5855	2VP 340 961-531	E24 5884	2VD 012 381-251	E4 5855	2VP 340 961-011	E6 0471	2XD 012 160-851	TH47DOT SAE A88	8RA 002 016-121
e1 2181	2RL 007 337-001	E1 9474	2BE 016 400-411	E17 338	8RA 004 412-021	E24 5855	2VP 340 961-541	E24 5884	2VD 012 381-311	E4 5855	2VP 340 961-021	E6 0471	2XD 012 160-861	TL57 SAE L 90 DOT	2KA 003 389-061
e1 2181	2RL 007 337-011	E1 9474	2BE 016 400-421	E17 339	8RA 002 016-121	E24 5856	2VP 340 960-231	E24 5884	2VD 012 381-351	E4 5855	2VP 340 961-111	E6 0471	2XD 012 160-871		

HELLA BULBS: BRILLIANCE HAS MANY FACES



NOW EVERYTHING IS COMING TO LIGHT: HELLA BULBS FOR THE BEST VISIBILITY!

The lighting and lighting technology used can be so different for all the different models – but one thing stays the same. The bulbs used always have to meet high requirements: optimum luminous efficacy, low failure rates and a long service life. The high-quality HELLA bulbs expertly fulfil all these requirements – and much more besides. They have to, because the extensive range, with its various product lines, offers a huge selection to choose from, covering almost every kind of requirement.

PART NUMBER OVERVIEW

PRODUCT DESIGNATION	PART NO.	DESCRIPTION	PAGE
LIGHT BARS			
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	1FF 359 100-011	ECE Ref. 28, PO white and amber, spotlight, WFF	12
	1GF 359 100-021	Position light red, floodlight, WFF	12
14" Slim Lightbar DynaRay	1FJ 359 100-101	ECE Ref. 45, PO white and amber, spotlight	12
	1FJ 359 100-111	ECE Ref. 45, PO white and amber, WFF	12
21" Slim Lightbar DynaRay	1FJ 359 100-201	ECE Ref. 45, PO white and amber, spotlight	12
	1FJ 359 100-211	ECE Ref. 45, PO white and amber, spotlight, WFF	12
	1GJ 359 100-251	PO red, floodlight, WFF	12
	1GJ 359 100-261	PO red, floodlight, WFF, heated cover lens	12
37" Slim Lightbar DynaRay	1FJ 359 100-301	ECE Ref. 45, PO white and amber, spotlight	12
10" Double Row Lightbar DynaRay	1FF 359 100-031	ECE Ref. 28, PO white and amber, spotlight	13
	1FF 359 100-041	ECE Ref. 28, PO white and amber, spotlight, WFF	13
15" Double Row Lightbar DynaRay	1FJ 359 100-121	ECE Ref. 45, PO white and amber, spotlight	13
	1FJ 359 100-131	ECE Ref. 45, PO white and amber, spotlight, WFF	13
	1FJ 359 100-141	ECE Ref. 45, PO white and amber, spotlight, WFF, heated cover lens	13
21.5" Double Row Light Bar DynaRay	1FJ 359 100-221	ECE Ref. 45, PO white and amber, spotlight	13
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	1FJ 359 100-241	ECE Ref. 45, PO white and amber, spotlight, WFF, heated cover lens	13
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	8XS 359 100-941	21", for Slim Light Bar DynaRay	11
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22" Single Row Light Bar Black Magic Tough Pro	1FJ 358 550-211	ECE Ref. 50, PO white and amber, high beam	18
	1GJ 358 550-231	PO red, floodlight, WFF	18
9" Double Row Light Bar Black Magic Tough Pro	1FE 358 550-001	ECE Ref. 25, PO white and amber, high beam	18
	1FE 358 550-011	ECE Ref. 25, PO white and amber, high beam, white housing	18
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11" Double Row Light Bar Black Magic Tough Pro	1FG 358 550-031	ECE Ref. 25, PO white and amber, high beam	18
	1FG 358 550-041	ECE Ref. 25, PO white and amber, high beam, WFF	18
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PO = position light | WFF = warning flash function

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40" Slim Light Bar Black Magic Tough Curved	1FJ 358 196-521	ECE Ref. 50	26
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40" Double Light Bar Black Magic Tough Curved	1FJ 358 196-621	ECE Ref. 45	27
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40" Slim Light Bar Black Magic Tough	1GJ 358 197-321	12,000 lm	32

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	1FJ 357 198-071	ECE Ref. 50, PO white and amber	80
HELLA VALUEFIT Blade Chrome 9"	1FJ 357 199-001	ECE Ref. 25, PO white	80
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	1FJ 357 199-031	ECE Ref. 50, PO white and amber	80
HELLA VALUEFIT Blade Black 9"	1FJ 357 199-041	ECE Ref. 25, PO white	80
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	1GA 996 761-011	4,400 lm, long-distance illumination (clear cover lens)	110
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	1G0 995 050-011	800 lm, light colour: white, close-range illumination (patterned cover lens), pendant surface mounting	112
	1G0 995 050-021	800 lm, light colour: white, long-range illumination (clear cover lens), upright surface mounting	112
	1G0 995 050-051	Projected symbol: white spot	112
	1G0 995 050-061	Projected symbol: blue spot	112
	1G0 995 050-081	Projected symbol: red spot	112
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	1G0 996 210-011	Projected symbol: red light stripe	112
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HELLA VALUEFIT S1500	1GA 357 103-012	1,500 lm, close-range illumination (patterned cover lens)	118
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HELLA VALUEFIT R1500	1G0 357 101-012	1,500 lm, close-range illumination (patterned cover lens)	121
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PO= position light

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	2XD 011 557-121	Rotating and flashing, fixed surface mounting (F), red	141
	2XD 011 557-131	Rotating and flashing, fixed surface mounting (F), green	141
	2XD 011 557-201	Rotating and flashing, pipe socket mounting (P), amber	141
	2XD 011 557-211	Rotating and flashing, pipe socket mounting (P), blue	141
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	2RL 455 256-021	Rotating, magnet mounting (M)	143
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K-LED Nano	2XD 066 146-001	Flashing, fixed surface mounting (F)	145
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	2XD 455 355-011	Flashing, 1 module	145
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	2RL 010 979-011	Rotating, flexible pipe socket mounting (FL)	146
	2RL 010 979-021	Rotating, magnet mounting (M)	146
	2XD 012 878-001	Flashing, fixed surface mounting (F)	146
	2XD 012 878-011	Flashing, flexible pipe socket mounting (FL)	146
RotaLED Compact	2XD 012 878-021	Flashing, magnet mounting (M)	146
	2RL 014 979-001	Rotating, fixed surface mounting (F)	146
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	2XD 013 979-001	Flashing, fixed surface mounting (F)	146
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	2RL 007 337-011	Rotating, fixed surface mounting (F), 24 V	147
	2RL 006 846-001	Rotating, flexible pipe socket mounting (FL), 12 V	147
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	2RL 011 484-011	Rotating, flexible pipe socket mounting (FL)	148
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	8HG 006 294-101	Socket pipe to be welded on, straight, 100 mm long, 2-pin	153
	8HG 006 294-011	Socket pipe, with screw-on base plate, total height 126 mm, 1-pin	153
	8HG 006 294-051	Socket pipe with screw mounting, height approx. 100 mm, 1-pin	153
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	8HG 006 294-111	Socket pipe, angled, with base plate for lateral screw mounting, clearance 50 mm, height 100 mm, 1-pin	153
	8HG 006 294-021	Socket pipe, angled, with base plate for lateral screw mounting, clearance 90 mm, height 100 mm, 1-pin	153
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BST-V-Slim warning lamp	2XD 014 592-201	Flashing, amber, 2 pieces	156
BST-Slim warning lamp	2XD 014 562-201	6 LEDs, flashing, amber, 2 pieces	156
	2XD 014 562-001	6 LEDs, flashing, blue, 2 pieces	156
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	2XD 014 560-001	6 LEDs, flashing, fixed surface mounting, blue, day / night mode	158
	2XD 012 160-821	6 LEDs, flashing, fixed surface mounting, red, 2 pieces	158
	2XD 012 160-881	6 LEDs, flashing, fixed surface mounting, white, 2 pieces	158
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	2XD 014 560-401	6 LEDs, flashing, bracket mounting, amber, day / night mode, 2 pieces	158
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	2RL 014 565-021	Rotating and flashing, magnet mounting, clear cover lens	159
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	2RL 014 565-211	Rotating and flashing, bracket mounting, amber cover lens	159
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	2RL 014 567-011	5 centre modules – 1,066.8 mm, with wired operating unit	162
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	2RL 014 607-011	6 centre modules – 1,219.2 mm, with wired operating unit	162
	2RL 014 567-081	6 centre modules – 1,219.2 mm, with on/off switch	162

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	2RL 014 607-051	8 centre modules – 1,524 mm, with wired operating unit	162
	2RL 014 567-091	8 centre modules – 1,524 mm, 88 W, with on/off switch	162
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	2SD 863 556-201	Tail-stop-direction indicator module	161
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Module 70 S series	2ZR 996 776-501	Ø 1,150 lm	166
Q90 compact LED	2ZR 996 284-501	1,000 lm	166
Module 70 LED Generation 3.2 compact	2ZR 996 576-621	1,500 lm	167
Module 70 LED Generation 3	2ZR 996 376-091	800 lm	168
Power Beam 1000 compact	2ZR 996 188-521	1,000 lm	168
Flat Beam 500	2ZR 995 193-051	550 lm	168
HELLA VALUEFIT SQ 1000	2ZR 357 115-001	1,000 lm	169
HELLA VALUEFIT PS1000	2ZR 357 114-501	1,000 lm	169
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	2VP 012 381-021	Right, connector type [A], ADR / GGVSEB	173
	2VD 012 381-031	Left, with licence plate light, connector type [A], SAE	173
	2VP 012 381-041	Right, connector type [A], SAE	173
	2VP 012 381-051	Left, connector type [A], SAE	173
	2VP 012 381-061	Right, with backup and warning alarm, connector type [A], SAE	173
Full LED truck rear lamp (DAF)	2VP 012 381-081	Right, with backup and warning alarm, connector type [A], SAE	173
	2VD 012 381-211	Connection on the side, left, with licence plate light, connector type [B]	173
	2VD 012 381-311	Connection on the side, left, with licence plate light, connector type [A]	173
	2VP 012 381-221	Connection on the side, right, connector type [B]	173
	2VP 012 381-241	Connection on the side, right, with backup and warning alarm, connector type [B]	173
	2VP 012 381-321	Connection on the side, right, connector type [A]	173
	2VP 012 381-341	Connection on the side, right, with licence plate light and backup and warning alarm, connector type [A]	173
	2VD 012 381-251	Rear wiring, left, with licence plate light, connector type [B]	173
	2VP 012 381-261	Rear wiring, right, connector type [B]	173
	2VP 012 381-281	Rear wiring, right, with backup and warning alarm, connector type [B]	173
	2VD 012 381-351	Rear wiring, left, with licence plate light, connector type [A]	173
	2VP 012 381-361	Rear wiring, right, connector type [A]	173
	2VP 012 381-381	Rear wiring, right, with backup and warning alarm, connector type [A]	173

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	2VP 345 900-021	Fastening bolt from behind, 24 V, right, connector type [A]	174
	2VP 345 900-091	Fastening bolt from behind, 24 V, left, AMP connector and connector type [B]	174
	2VP 345 900-101	Fastening bolt from behind, 24 V, right, connector type [B]	174
	2VP 345 900-131	Fastening bolt from behind, 24 V, left, connector type [C]	174
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"COLUNA" full LED rear lamp (for trailers)	2VP 345 900-261	Fastening bolt from behind, 24 V, with pulse for direction indicator failure control	174
	2VP 345 900-271	Fastening bolt from behind, 24 V	174
	2VP 345 900-461	Fastening bolt from behind, 12 V, with pulse for direction indicator failure control	174
	2VP 345 900-471	Fastening bolt from behind, 12 V	174
	2VP 345 900-241	Fastening screws from the front, 24 V, with pulse for direction indicator failure control	174
	2VP 345 900-251	Fastening screws from the front, 24 V	174
Modular LED trailer lamp	2VP 345 900-441	Fastening screws from the front, 12 V, with pulse for direction indicator failure control	174
	2VP 340 960-011	Left	174
	2VP 340 960-021	Right	174
	2VP 340 960-111	Left, with rubber arm and clearance light	174
Modular LED hybrid trailer lamp	2VP 340 960-121	Right, with rubber arm and clearance light	174
	2VP 340 961-011	Left, connector type [A] + [B], LED: tail light and stop light, bulb: direction indicator light, rear fog light and reverse light	175
	2VP 340 961-021	Right, connector type [A] + [B], LED: tail light and stop light, bulb: direction indicator light, rear fog light and reverse light	175
	2VP 340 961-111	Left, connector type [A] + [B], LED: tail light, stop light and clearance light, bulb: direction indicator light, rear fog light and reverse light, with rubber arm	175
	2VP 340 961-121	Right, connector type [A] + [B], LED: tail light, stop light and clearance light, bulb: direction indicator light, rear fog light and reverse light, with rubber arm	175
	2VP 340 961-431	Left, connector type [C] + [D], LED: tail light, stop light and clearance light, bulb: direction indicator light, rear fog light and reverse light, with rubber arm	175
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	2VP 340 961-141	Right, connector type [A] + [B], LED: tail light, stop light, rear fog light and clearance light, bulb: direction indicator light and reverse light, with rubber arm	176
	2VP 340 961-151	Left, connector type [A] + [B], LED: tail light, stop light, rear fog light, reverse light and clearance light, bulb: direction indicator light, with rubber arm	176
	2VP 340 961-161	Right, connector type [A] + [B], LED: tail light, stop light, rear fog light, reverse light and clearance light, bulb: direction indicator light, with rubber arm	176
Compact full LED rear lamp 328 630	2VP 328 630-011	Left / right, horizontal, sweeping direction indicator light	179
	2VP 328 630-021	Left / right, vertical, flashing direction indicator light	179
Modular LED trailer lamp with Krone logo	2VP 340 960-231	Left, with rubber arm and LED clearance light	180
	2VP 340 960-241	Right, with rubber arm and LED clearance light	180
Modular LED hybrid trailer lamp with Krone logo	2VP 340 961-511	Left	180
	2VP 340 961-521	Right	180
	2VP 340 961-531	Left, with rubber arm and LED clearance light	180
	2VP 340 961-541	Right, with rubber arm and LED clearance light	180
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	2VP 340 970-041	Right, flashing direction indicator light	183
	2VP 340 970-331	Left, sweeping direction indicator light	183
	2VP 340 970-341	Right, sweeping direction indicator light	183
	2VP 340 970-431	Left, flashing direction indicator light, load simulation direction indicator light and stop light	183
	2VP 340 970-441	Right, flashing direction indicator light, load simulation direction indicator light and stop light	183
Full LED rear lamp 340 970 (for trucks)	2VP 340 970-531	Left, sweeping direction indicator light, load simulation direction indicator light and stop light	183
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	2VP 340 970-701	Left / right, flashing direction indicator light	183
Full LED rear lamp	2VP 340 970-711	Left / right, sweeping direction indicator light	183
	2SD 013 155-101	Left / right, connector type [A] + [B]	184
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