



**DISCOVER
AGRICULTURAL
SOLUTIONS**





AGRICULTURAL **MACHINERY**

They work in the field and in nature, at any time of the day and night. In agriculture, work lighting must be ready to perform at all times in wind and bad weather. By using optimal lighting and electronic products, operational safety and efficiency can be tangibly increased, even in tough working conditions.

That is why FORVIA HELLA has been developing and designing customised product solutions for the agricultural sector for many years: they are durable, robust and of the highest quality. FORVIA HELLA offers the right product for every customer requirement, from series products to customer-specific solutions, so you can rely entirely on your lighting and electronics in the fields and in nature.



MANUFACTURER	VEHICLE TYPE	HELLA PART NUMBERS
John Deere	Harvesters	2XD 066 146-011 / 2XD 0661.46-001
Massey Ferguson	Tractors	2XD 066 146-011 / 2XD 0661.46-001
Amazone	Sprayers, ploughs etc.	2XD 066 146-011 / 2XD 0661.46-001
Grimme		2XD 066 146-011 / 2XD 0661.46-001
Yanmar	Small excavators	2XD 066 146-011 / 2XD 0661.46-001
Dieci	Telehandlers	2XD 066 146-011 / 2XD 0661.46-001

SMALL BUT MIGHTY

THREE TYPES OF MOUNTING VERSATILE USE

The K-LED Nano is available in two versions for fixed surface mounting and one version with flexible pipe socket mounting.

Thanks to their vibration and impact resistance, both variants are suitable for a wide range of applications.



Micro Light Bar

The Micro Light Bar is a powerful LED warning light that generates an intensive 360-degree warning signal suitable for various applications.

The Micro Light Bar combines a flashing and rotating signal in one unit, while also providing reverse polarity protection.

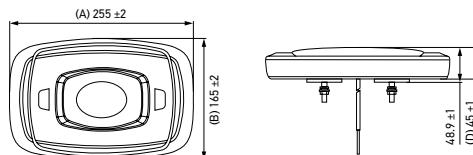
Available in either a clear or amber lens, with amber illumination.



2RL 014 566-111
Clear lens, amber illumination



2RL 014 566-311
Amber lens, amber illumination



2RL 014 566-111	Bracket	■ Amber (Clear Lens)
2RL 014 566-311	Bracket	■ Amber (Amber Lens)
2RL 014 566-101	Screw Fixed	■ Amber (Clear Lens)
2RL 014 566-301	Screw Fixed	■ Amber (Amber Lens)
Dome and Housing	Polycarbonate	
Operating Voltage	Multivolt 10–30V DC	
Current Consumption	5.6 A (12V) 2.7 A (24V)	
Power Consumption	Max. 66W	
Light Function	Flashing and Rotating	
Connection	500 mm cable	
Weight	691 g	
Temperature Range	-40°C to +65°C	
Reverse Polarity Protection	Yes	
Protection	IP X7, IP X9K	
EMC Interference Immunity	ECE-R10, CISPR 25 Class 3,	
Type Approval	SAE J845 Class 1	

Mini Light Bar

The Mini Light Bar is a powerful LED warning light that generates an intensive 360-degree warning signal suitable for various applications.

The Mini Light Bar combines a flashing and rotating signal in one unit, while also providing reverse polarity protection.

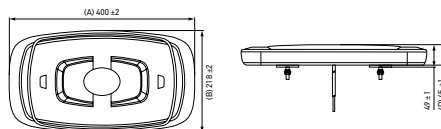
Available in either a clear or amber lens, with amber illumination.



2RL 014 565-111
Clear lens, amber illumination



2RL 014 565-311
Amber lens, amber illumination



2RL 014 565-111	Bracket	■ Amber (Clear Lens)
2RL 014 565-311	Bracket	■ Amber (Amber Lens)
2RL 014 565-101	Screw Fixed	■ Amber (Clear Lens)
2RL 014 565-301	Screw Fixed	■ Amber (Amber Lens)
Dome and Housing	Polycarbonate	
Operating Voltage	Multivolt 10–30V DC	
Current Consumption	6.1 A (12 V) 2.8 A (24 V)	
Power Consumption	Max. 70W	
Light Function	Flashing and Rotating	
Connection	500 mm cable	
Weight	1,300 g	
Temperature Range	-40°C to +65°C	
Reverse Polarity Protection	Yes	
Protection	IP X7, IP X9K	
EMC Interference Immunity	ECE-R10, CISPR 25 Class 3,	
Type Approval	SAE J845 Class 1	

Corner Module 270

The HELLA Corner Module 270 is a special wide angle warning lamp which is approved as a "half bar" as a set of two modules and offers a new alternative to conventional beacons. Two modules illuminate an area of at least 270 degrees at a distance of 20m from the vehicle. They can be integrated into the vehicle body or mounted on top using a bracket.

The housing is black and a flashing amber warning lamp creates attention around the vehicle. It is possible to create a double flashing pattern and synchronize the modules. The modules are suggested to be positioned at a 45 degree angle to the driving direction for uniform illumination over full 270 degrees.



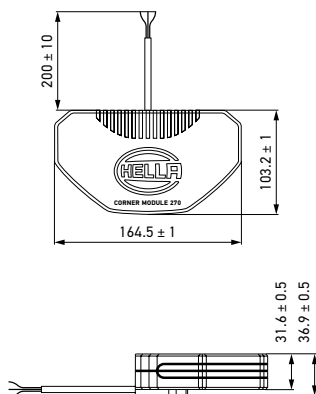
2XD 455 355-001

■ AMBER

Rated Voltage	Multivolt
Operating Voltage	12 / 24 V DC
Current Consumption	Max. 2.5 A for one module
Power Consumption	Max. 30 W for one module
Lamp Function	Flashing
Light Source	LED
Material	Lens: polycarbonate housing: PC-ABS
Weight	318 g
Temperature Range	-40°C to +60°C
Protection Class	IP 67
Type Approval	ECE-R65 HTA1 only for the set of two modules E1 HTA1 005117 10R 058984
EMC Interference Immunity	CISPR 25 Class 5
Mounting	Inbuilt, bracket mounting
Connection	Cable length: 200 mm, cable bare ends
Spare Part	2XD 455 355-011 (Single module for replacement)

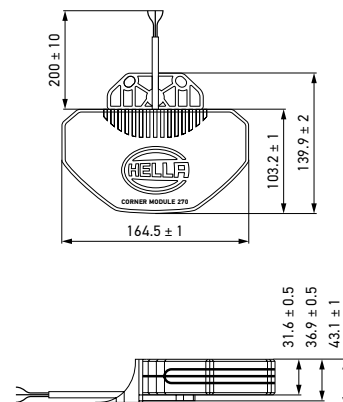
INTEGRATION

In order to integrate the elements into the vehicle body, appropriate space must be planned.



BRACKET MOUNTING

The supplied brackets allow for surface-mounting of the product.



K-LED® Rebelution

The K-LED® Rebelution is a revolutionary beacon featuring the latest LED technology. It provides maximum performance in a minimalist and highly innovative, dome-free design.

Instead, the light is visible through a circumferential, ring-shaped light band. Despite light exit area being smaller than a conventional domed beacon the K-LED® Rebelution emits a highly visible warning signal.



2RL 455 256-001



2RL 455 256-021



2RL 455 256-011



Fixed Mount

2RL 455 256-001 K-LED Rebelution, Fixed Mount

■ AMBER

Magnetic Mount

2RL 455 256-021 K-LED Rebelution, Magnet Mount

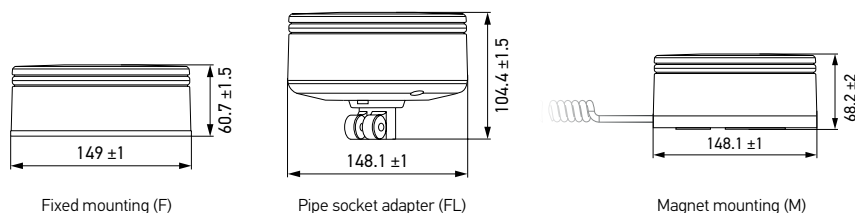
■ AMBER

Flexible Pipe Socket Adapter

2RL 455 256-011 K-LED Rebelution, Pipe Mount

■ AMBER

Voltage	12V / 24V DC
Current Consumption	@ 1.08A (12V) @ 0.54A (24V)
Power Consumption	Max. 13 W
Light Ring	Polycarbonate
Housing	Aluminium
IP Rating	IP 6K7, IP 6K9K
Operating Temperature	-40°C to 60°C
Reverse Polarity Protection	Yes
EMC Interference Immunity	ECE-R10, CISPR 25 Class 3
GGVSE / ADR	Yes
Type Approval	ECE-R65 TA1 (E1)



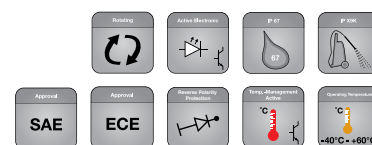


RotaLED Compact

The HELLA RotaLED Compact is the LED successor to the existing Rotafix halogen beacon series.

These can be replaced 1:1. No moving parts are required for the LED functions – so no wear and maximum reliability.

Since LEDs are maintenance-free, they do not cause any additional costs for spare parts or maintenance. Downtime is reduced to a minimum.



2RL 014 979-001



2RL 014 979-021



2RL 014 979-011

Fixed Mount

2RL 014 979-041 - RotaLED Compact F

■ AMBER

Voltage	Multivolt 10-30 V DC
Current Draw	0.6A (12V) 0.3A (24V)
Power Consumption	7W Max
Dome Lens	Polycarbonate
Housing	Black, polycarbonate and ABS
IP Rating	IP 67, IP X9K
Operating temperature	-40°C to 60°C
Reverse Polarity Protection	Yes
EMC Interference Immunity	CISPR25 Class 5*
Type Approval	SAE J845, Class 1

Fixed Mount

2RL 014 979-001 - RotaLED Compact F

■ AMBER

Magnetic Mount

2RL 014 979-021 - RotaLED Compact M

■ AMBER

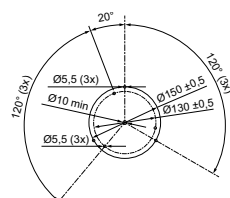
Pipe Mount

2RL 014 979-011 - RotaLED Compact FL

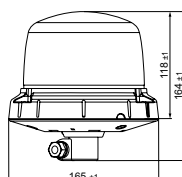
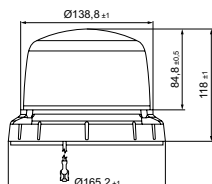
■ AMBER

Voltage	Multivolt 10 – 30V DC
Current Draw	0.6A (12V) 0.3A (24V)
Power Consumption	7W Max
Dome Lens	Polycarbonate
Housing	Black, polycarbonate and ABS
IP Rating	IP 67, IP X9K
Operating Temperature	-40°C to 60°C
Reverse Polarity Protection	Yes
EMC Interference Immunity	CISPR25 Class 5*
Type Approval	ECE-R65 TA 1 004837 SAE J845, Class 2

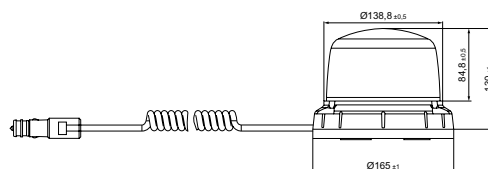
*150 - 300 kHz: Class 3



RotaLED Compact F



RotaLED Compact FL



RotaLED Compact M

K-LED® Mining LED Warning Beacon

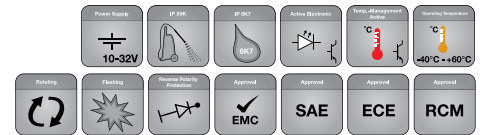
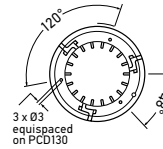
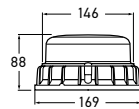
K-LED® Mining is the benchmark in the world of low profile mining beacons. This state-of-the-art beacon is designed for smaller mobile vehicles to suit modern styling requirements.



HM9600ADIR



2XD 011 557-101



Fixed Mount		
HM9600ADIR	2XD 011 557-001 – Fixed Mount, Multivolt	AMBER
2XD 011 557-101 – Fixed Mount, Multivolt, Silver Base		AMBER
HM9600BDIR	2XD 011 557-011 – Fixed Mount, Multivolt	BLUE
HM9600RDIR	2XD 011 557-021 – Fixed Mount, Multivolt	RED
HM9600GDIR	2XD 011 557-031 – Fixed Mount, Multivolt	GREEN
Voltage	Multivolt 9-33V DC	
Power Consumption	33W Max	
Dome Lens	Polycarbonate	
Housing	Powder-coated die-cast aluminium	
IP Rating	IP6K7, IP6K9K	
Temperature Range	-40°C to 60°C	
Reverse Polarity Protection	Yes	
EMC Interference Immunity	CISPR25 Class 5. ECE R10.	
Type Approval	SAE J845 Class 1	
ECE R65 Compliance	Amber: TA2	R65 00 3555
	Red: TR2	R65 03 6816

UltraRAY 2.0 (Rotating)

UltraRAY 2.1 (Flashing)

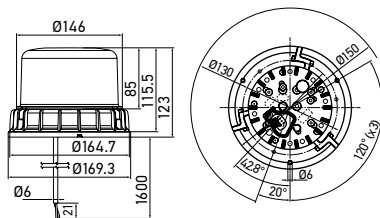
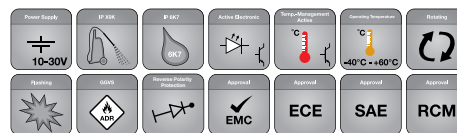
Powerful Heavy Duty LED Beacon

UltraRAY Beacons are a innovative electronic concept offering a rotating or a flashing LED light function – without moving parts.

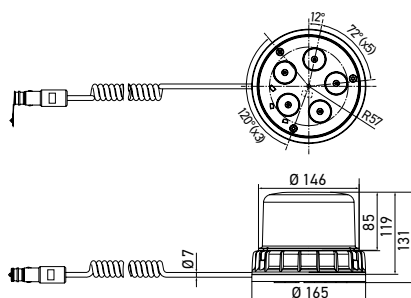
The unsurpassed EMI footprint meets the highest possible standard (CISPR25 Class 5). Wherever Beacons risk interference with radio communications, UltraRAY is the solution. UltraRAY can be mounted directly next to radio communication systems and there will be no disturbance from the Beacon.

The shockproof polycarbonate dome guarantees especially reliable protection from impact.

The double lighting system in the UltraRAY 2.0 / 2.1 increases the light exit area, so producing an especially strong warning effect.



Fixed attachment
Dimensions in mm



Magnetic attachment
Dimensions in mm

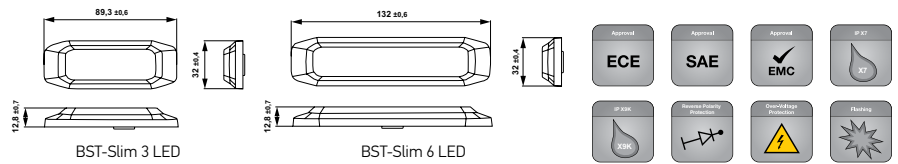
	Fixed Mount	Magnetic Mount	
UltraRay 2.0 Rotating	2RL 012 983-001	2RL 012 983-101	AMBER
	2RL 012 983-011	2RL 012 983-111	BLUE
	2RL 012 983-021	2RL 012 983-121	RED
	2RL 012 983-031	2RL 012 983-131	GREEN
	2RL 012 983-041	2RL 012 983-141	WHITE
UltraRay 2.1 Flashing	2XD 012 984-001	2XD 012 984-101	AMBER
	2XD 012 984-011	2XD 012 984-111	BLUE
	2XD 012 984-021	2XD 012 984-121	RED
	2XD 012 984-031	2XD 012 984-131	GREEN
	2XD 012 984-041	2XD 012 984-141	WHITE
Voltage	10-30V DC		
Current Consumption	Rotating: @ 1.6A (12V) & @ 0.8A (24V) Flashing: @ 1.8A (12V) & @ 0.9A (24V)		
Power Consumption	Rotating: 20W Flashing: 22W		
Dome Lens	Polycarbonate		
Housing	Powder-coated die-cast aluminium		
IP Rating	IP6K7, IP6K9K		
Temperature Range	-40°C to +60°C		
Reverse Polarity Protection	Yes		
EMC Interference Immunity	ECE-R10, CISPR 25 Class 5,		
Type Approval	SAE J845 Class 1, ECE R65		
ECE R65 Compliance	Amber: TA1 (E) R65 004439		
UltraRay 2.0	Blue: TB1 (E) R65 004440		
Rotating	Red: TR1 (E) R65 004441		
ECE R65 Compliance	Amber: TA1 (E) R65 004442		
UltraRay 2.1	Blue: TB1 (E) R65 004443		
Flashing	Red: TR1 (E) R65 004444		

BST Slim

The BST-Slim is a high-performance warning light which is available with 3 or 6 LEDs. There are different warning light colours and various flashing sequences which create a synchronous or alternating signal.

The Dual Colour warning light is ECE-R65 type-tested and the rest are SAE approved. It can be used for single, double, triple and quadruple flash as well as with continuous light.

The product with 6 LEDs comes with a "day/night mode" which adjusts the brightness to the ambient light. This provides increased visibility during the day and avoidance of glare at night.



2XD 014 563-401 – 3 LED

AMBER

2XD 014 563-101 – 3 LED

BLUE

2XD 014 563-701 – 3 LED

RED

2XD 014 563-901 – 3 LED

WHITE

Operating Voltage Multivolt 11 – 30 V DC

Current Consumption
Amber: 0.7 A (12 V), 0.35 A (24 V)
Blue: 0.7 A (12 V), 0.35 A (24 V)
Red: 0.54 A (12 V), 0.27 A (24 V)
White: 0.7 A (12 V), 0.35 A (24 V)

Power Consumption 7 – 14 W

Temperature Range -40°C to +65°C

Protection IPX7, IPX9K

EMC Interference Immunity ECE-R10, CISPR 25 Class 5,

Type Approval SAE J595 Class 1



2XD 014 562-401 – 6 LED

AMBER

2XD 014 562-101 – 6 LED

BLUE

2XD 014 562-701 – 6 LED

RED

2XD 014 562-811 – 6 LED

BLUE/RED

2XD 014 562-901 – 6 LED

WHITE

Operating Voltage Multivolt 11 – 30 V DC

Current Consumption
Amber: 1.4 A (12 V), 0.7 A (24 V)
Blue: 1.4 A (12 V), 0.7 A (24 V)
Red: 1.1 A (12 V), 0.55 A (24 V)
White: 1.4 A (12 V), 0.7 A (24 V)

Power Consumption 7 – 14 W

Temperature Range -40°C to +65°C

Protection IPX7, IPX9K

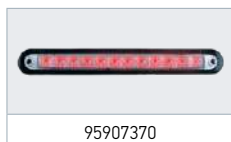
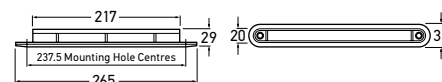
EMC Interference Immunity ECE-R10, CISPR 25 Class 5

Type Approval SAE J595 Class 1
For 2XD 014 562-811 (blue/red): ECE-R65
XR1 and XB1



LED Wide Rim Strip Warning Lamp

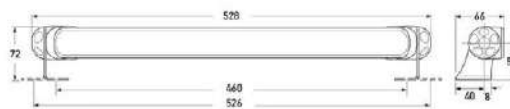
Covert wide rim strip LED Signal Warning Lamp available in red and blue colour variants. Optic appears clear until illuminated. Includes gasket, screws and screw caps.



95907360	2XD 959 073-602 – Recess Mount, 12 Volt DC	■ BLUE
95907365	2XD 959 073-652 – Recess Mount, 24 Volt DC	■ BLUE
95907370	2XD 959 073-702 – Recess Mount, 12 Volt DC	■ RED
95907375	2XD 959 073-752 – Recess Mount, 24 Volt DC	■ RED
Mounting	Two hole recess mount. May be mounted horizontally or vertically	
Power Consumption	2W	
Protection	Reverse polarity protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 2.5m of multi-core cable	
Spare Parts	<div>9GD959155507 Wide Rim Seal</div> <div>9HD959182007 Clear Screw Cap</div> <div>9HD959182037 Black Screw Cap</div>	

BL 470 Red LED Warning Lamp

BL470 Red LED warning lamp is fitted with the VISIOTECH technology. A special lens optic allows the light to converge and become so sharply focused that a strip-shaped warning line is projected onto the ground to create a no-go zone.



All dimensions in mm.



2XD 958 130-661	SPOT BEAM
Lens	Grilamid Nylon PA12
Current Consumption	Multivolt™ 9-33 V DC
Power Consumption	36W Max
Protection	Reverse polarity and transient spike protection IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)
Operating Temperature	-40°C to 60°C
Cable Length	Pre-wired with 2.5m of tinned multi-core cable
Accessories	8HG 958 128-811 Double stainless steel mounting feet (one pair)
EMC Interference Immunity	ECE-R10, CISPR 25 Class 5





BM SERIES REVERSING ALARMS

HELLA's BM Series reversing alarms come packed with our legendary OE quality robustness and reliability. This includes testing to validate the product under conditions such as , low and high temperature, vibration, corrosion, high pressure hot water, dust ingress, sound pressure level and frequency testing.



BM10

3SL 009 148-197 (6009)

3SL 009 148-207 (6010)



BM20

3SL 996 139-501 (6051) 92DB(A) White Noise

3SL 996 139-511 (6052) 97DB(A) White Noise

3SL 996 139-521 102DB(A) White Noise

3SL 996 139-531 92-102DB(A), Self Adjusting, White Noise



BM30

3SL 996 139-247 (6016)

3SL 996 139-257 (6017)

3SL 996 139-277 (6018)



BM40

3SL 996 139-551 (6049) 97, 102 or 112DB(A), Switchable, Tonal

3SL 996 139-561 97, 102 OR 112DB(A), Switchable, White Noise

3SL 996 139-571 (6048) 97-112DB(A), Self Adjusting Tonal

3SL 996 139-581 92-107DB(A), Self Adjusting White Noise

EPOXY ENCAPSULATED ELECTRONICS

Long service life, resists water and vibration. ECE R10 compliance guarantees radiated emissions do not interfere with radio comms and other RF sensitive devices.

FLEXIBLE MOUNTING OPTIONS

Compact versions (BM10, BM20) for maximum performance in a small size, larger (BM30, BM40) footprints available for heavy duty environments.

DT TYPE CONNECTIONS

Quick fit Industry standard waterproof connections stay reliable for a long time.

WHITE NOISE OUTPUT

White noise models best for urban environments to reduce noise pollution and community disturbance.

TONAL NOISE OUTPUT

Tonal noise models are best for attracting attention in noisy industrial environments where maximum audibility is required.

SMART NOISE LEVEL ADJUSTMENTS

Models with smart noise output adjustment reduce noise pollution while maximizing audibility by auto adjusting sound output based on ambient noise level.

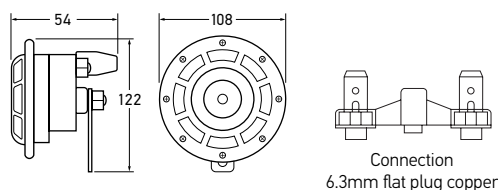


* NOTE - BM30 pictured, features & functionality varies according to model.

Sharp Tone M26S Horn Set

The HELLA Sharp Tone disc horn has a focused and high-penetrating power tone for drivers who want to be heard.

Robust yellow protective grille and high corrosion protection make the Sharp Tone Horn ideal for tough off-road use. Unique design provides a dramatic look under your front grille.

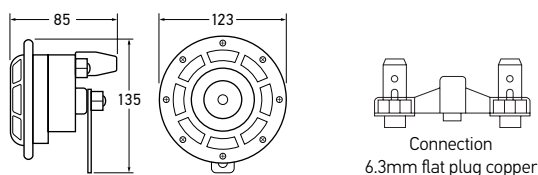


6028	3BB 922 000-731
Rated voltage	12V DC
Power Consumption	2 x 42 W
Frequency	415 Hz (high tone) / 350 Hz (low tone)
Sound Pressure Level	115dB(A) @ 2m
Approval	ECE R28 (E4) 165
Bracket	M8 mounting screw
Kit Includes	High-Tone Unit, Low-Tone Unit, Relay, Mounting Brackets, Step-by-Step Mounting Instructions

Super Tone B133 Horn Set

The HELLA Super Tone disc horn has a focused and high-penetrating power tone for drivers who want to be heard.

Robust housing and high corrosion protection make the Super Tone Horn ideal for tough off-road use. Unique design provides a dramatic look under your front grille.



6036	3AG 003 399-801
Rated Voltage	12V DC
Power Consumption	2 x 66 W
Frequency	300 Hz (low tone) / 500 Hz (high tone)
Sound Pressure Level	118dB(A) @ 2m
Approval	ECE R28 (E) 20033
Bracket	M8 mounting screw
Kit Includes	High-Tone Unit, Low-Tone Unit, Relay, Mounting Brackets, Step-by-Step Mounting Instructions

STAR LIGHT. STAR BRIGHT.

STAND OUT FROM THE CROWD WITH THE ALL NEW HELLA ANTARES 9" LED DRIVING LIGHTS.

Named after the radiant Antares star, these driving lights are engineered to illuminate the darkest roads, ensuring your journey is safe and spectacular.

Co-designed in Australia for Australian roads, the Antares is sure to meet all your needs and more.

SAFETY & VISIBILITY DAY & NIGHT

- Daytime Running Lamps provide visibility during daylight to alert oncoming traffic
- Unique look position lamps increase visibility in urban environments

SELECTABLE OUTPUT MODES

- Easily adjust between high and low output for optimal driver comfort

DIECAST ALUMINUM HOUSING & BRACKET

- Durable, lightweight and corrosion resistant
- Mounting holes for maximum stability

TOUGH DRL INTEGRATED COVERS

- Provides stylish protection against sand, dust, mud and bugs.
- Includes distinctive Antares edgelight design



COMPOSITE LIGHTING DESIGN

- 3x projector spot beams exceed 800m distance
- 9x diamond glow position lamp with unique umbrella reflector technology
- 8x wide beam 10W LED clusters for even wider light dispersal (80m)

COVER DETECTION

- Switches off main beam when cover applied for greater operating efficiency

TOUGH CONSTRUCTION

- IP69K dust & waterproof, suits harsh Australian conditions
- Hard-coated UV stable polycarbonate lens

PLUG & PLAY WIRING HARNESS

- With H4 & HB3 adaptors for easy DIY install

1F0 358 228-871



TAKE CONTROL OF YOUR LIGHTING WITH A MULTITUDE OF HELLA LIGHTING TECHNOLOGIES FOR SAFETY AND VISIBILITY, DAY AND NIGHT.



**HIGH
OUTPUT MODE**



**LOW
OUTPUT MODE**



**DAYTIME
RUNNING LIGHT**

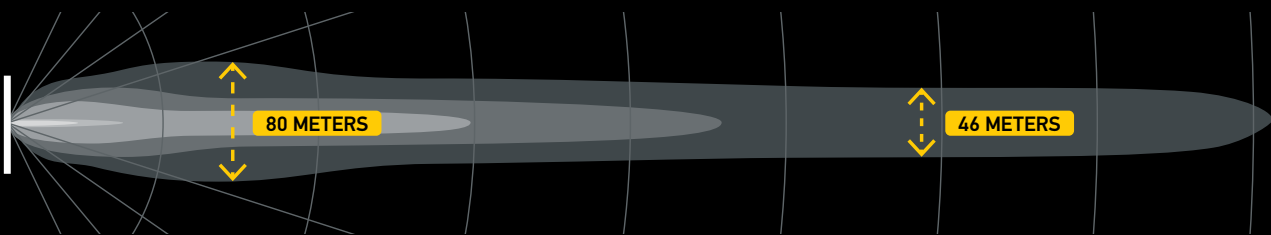


**POSITION
LIGHT**

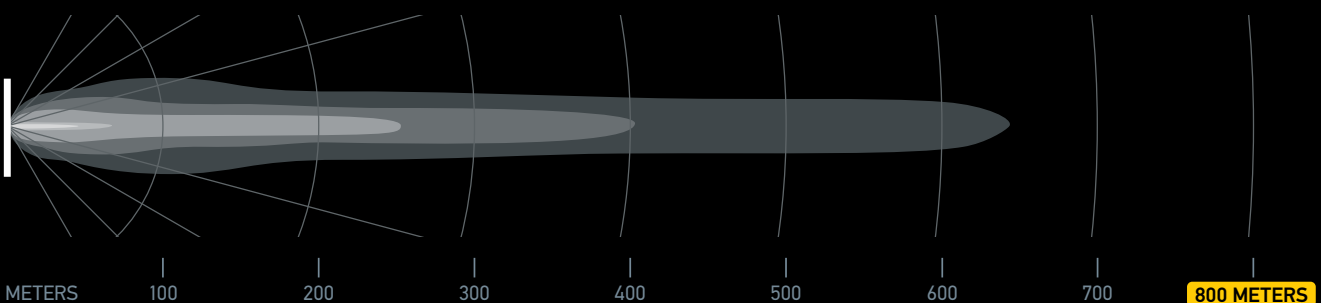
The Hella Antares integrates lighting techniques mastered in collaboration with the largest automotive brands and decades of Australia's harshest driving conditions, creating a composite beam that delivers incredibly constant and impressive output:

- 80m wide beam exceeds 150m distance with the ultra-wide specific LED clusters
- Impressive mid-range width of 46m that exceeds 650m distance with the umbrella LED optic
- Precision Projector LED gives a total distance exceeding 800m
- All at the industry standard 1 Lux.

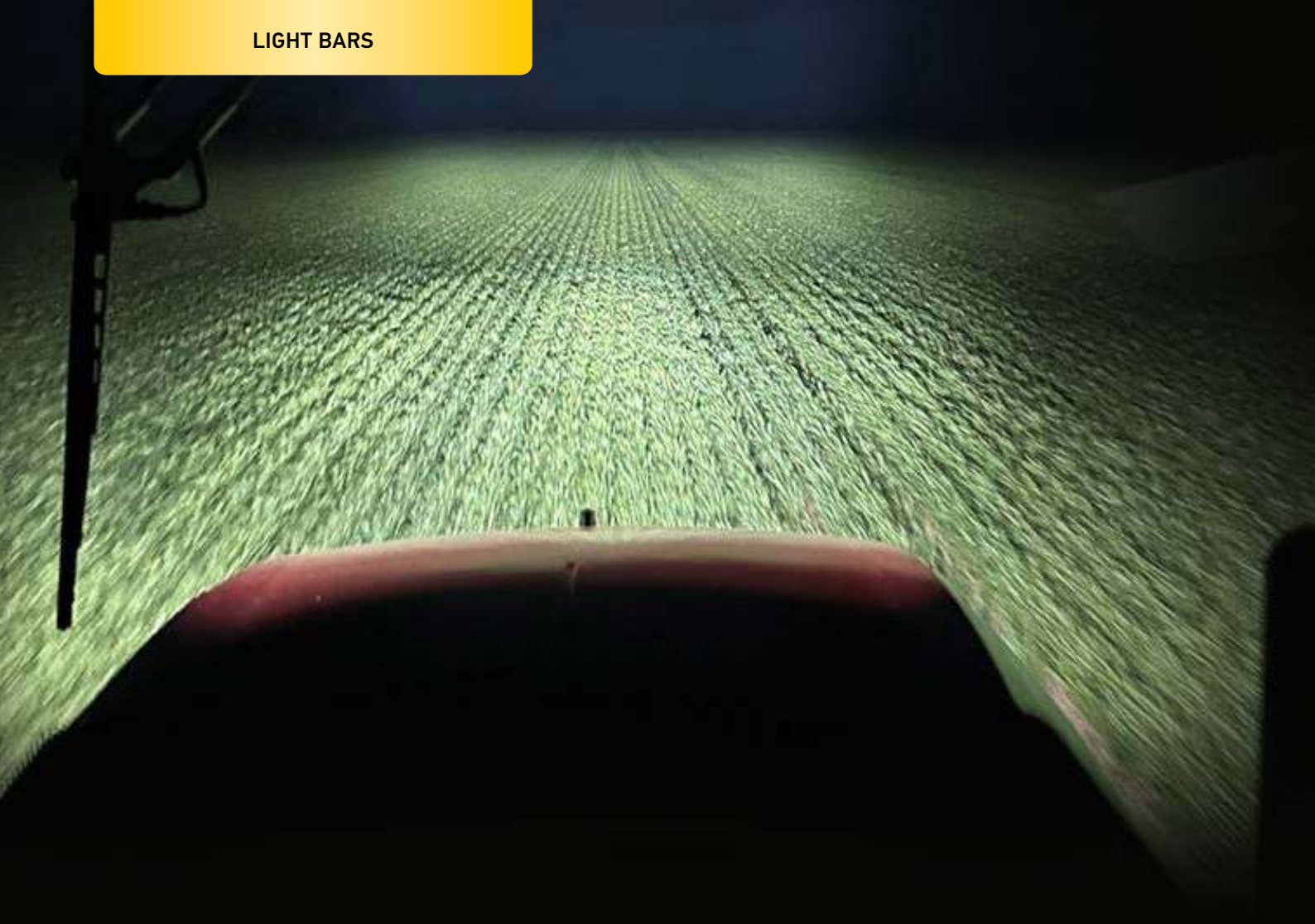
HIGH OUTPUT MODE



LOW OUTPUT MODE (ECE)



ISOLUX = 2 LIGHTS



PERFECT CURVES. RADIANT APPEARANCE.

Every vehicle starts to shine.

Brand new in the HELLA range: Our “curved” variants enable an even wider light diffusion. With their unique appearance, they give every vehicle the ultimate look – of extravagance and class at the same time.



HELLA BLACK MAGIC

HIGH LEVEL LIGHT OUTPUT

Up to 20,000 effective lumens

VERSATILE MOUNTING

- Upright/pendant
- Fully adjustable slide brackets also available

INTEGRATED THERMAL MANAGEMENT

Thermal Management = high output
Long Lasting LED performance

BLACK OUT APPEARANCE

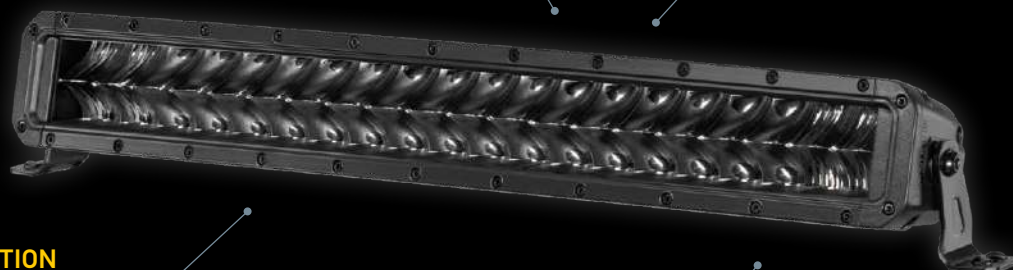
Unique design creates black out appearance without affecting performance

TOUGH CONSTRUCTION

- Tough design and fully sealed, protects against sand, dust and water!
- Suits harsh Australian conditions
- Tested to the exacting Hella Germany Rallye standard

IMPACT RESISTANT PC LENS

- UV stabilised to protect against sun damage
- Tested against high vibration resistance



BLACK MAGIC TOUGH RANGE

Tough Slim Lightbar

1GJ 358 197-301
20" Slim Lightbar



1GJ 358 197-311
32" Slim Lightbar



Tough Double Lightbar

1FJ 358 196-461
13" Mini Lightbar



1GJ 358 197-401
21.5" Double Row Lightbar



1GJ 358 197-411
30" Double Row Lightbar



Tough Double Curved

1GJ 358 197-621
40" Double Row
Curved Lightbar



1GJ 358 197-641
52" Double Row
Curved Lightbar



BLACK MAGIC ORIGINAL

Black Magic Original

1FJ 358 176-301
20" Slim Lightbar



1FJ 358 176-401
21.5" Double Lightbar



LED Mini Lightbar 6.2"

1FB 358 176-201
LED Mini Lightbar 6.2" Flood



1FB 358 176-211
LED Mini Lightbar 6.2" Spot



Cube KIT 3.2"

1FA 358 176-811
LED Cube KIT
3.2" (Flood) KIT



LED WORK LAMPS WITH DT CONNECTORS



Ultra Beam S Series

1GA 995 706-001

Close Range

1GA 995 706-011

Long Range



Module 70 S Series

1G0 996 776-001

(1000lm) Close Range

1G0 996 776-201

(1850lm) Close Range



Power Beam S Series

1GA 996 588-001

(1000lm) Close Range

1GA 996 588-201

(1850lm) Close Range



Q90 Compact LED

Reversing Lamp

2ZR 996 284-501

(1563LED-RE)

S SERIES HIGHLIGHTS

CISPR25 CLASS 5

No Radio Interference and best EMC Performance

OVERHEAT PROTECTION

Protects the circuit board and housing of lamp from overheating

COMPETITIVE PRICE

Best performance with affordable price and value for money

DANGEROUS GOODS APPROVED

Can be used on fuel tankers

THERMO PLASTIC HOUSING*

Light Weight, Corrosion and Chemical Resistant

INTEGRATED THERMAL MANAGEMENT

Less Degradation of LED = Long lasting performance

IMPACT RESISTANT PC LENS

Precision alignment for maximum performance and prevents accidental damage

MADE IN AUSTRIA

Designed and Manufactured in Europe



- The high quality European designed and manufactured S series work lamps provide an excellent price – performance ratio.
- Thanks to the weight reduction, S series is suitable for high vibration area and specialist mounting applications. E.g. Mirror arms, fibreglass moulding.
- S series Work Lamps are Transport of hazardous goods compatible being IP6K7, IP6K9K with integrated DT connector, as opposed to budget work lights with single insulation and “no connector” which do not comply.

- Homogeneously dispersed light output with a colour temperature of 6500K being similar to daylight resulting in reduced fatigue for equipment operators.
- **CISPR 25 class 5** - guarantees no radiated emission to interfere with radio coms and other RF sensitive devices, and can be mounted directly next to antenna.
- Thermo plastic housing* and can be used in salty and corrosive environments. E.g Concrete trucks

* NOTE - UltraBeam S series is with die-cast aluminium housing

RokLUME 280N SMART

The adaption expert for improved visibility and safety.

1GA 995 707-401	Close-range white/green	1GA 995 707-551	Close-range white/amber
1GA 995 707-411	Long-range white/green	1GA 995 707-561	Long-range white/amber
1GA 995 707-421	ZEROGLARE white/green	1GA 995 707-571	ZEROGLARE white/amber
1GA 995 707-431	Pencil beam white/green	1GA 995 707-581	Pencil beam white/amber
1GA 995 707-441	Diffuse flood white/green	1GA 995 707-591	Diffuse flood white/amber
1GA 995 707-451	Tunnel flood white/green	1GA 995 707-601	Tunnel flood white/amber
1GA 995 707-461	Close-range white only	1GA 995 707-491	Pencil beam white only
1GA 995 707-471	Long-range white only	1GA 995 707-501	Diffuse flood white only
1GA 995 707-481	ZEROGLARE white only	1GA 995 707-511	Tunnel flood white only
9SX 333 522-001	Gateway Base	9SX 333 525-001	Control Panel
9SX 333 523-001	Gateway Prime	8KB 333 557-001	Wiring Harness

DIMMING

Helps reduce output during the day or to reduce glare at night

COLOUR TEMPERATURE CHANGE

Reduces eye strain and fatigue by adjusting to daylight conditions

COLOUR CHANGE

Assists in poor visibility (dust, fog, snow) to create safe operating environments



MEMORY

Store the different settings into 3 available memories

ANTI-THEFT PROTECTION

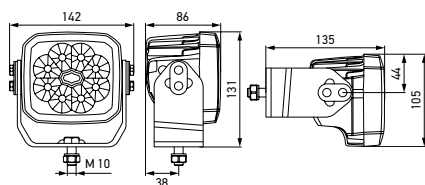
Once activated the lamp won't work on any other vehicle (unless has SMART setup)

LIFETIME MANAGEMENT

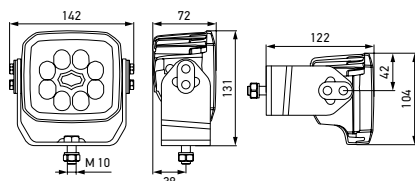
Notifies the operator the lamp is near end of life, helping reduce downtime

RokLUME 280N Generation 2

LED, 12 V and 24 V, 5,000 K, housing: die-cast aluminium with NanoSafe non-stick/easy to clean surface coating, cover lens: hard-coated plastic, - 40 °C to +85 °C (overheating protection), IP 6K9K, IP 6K8, upright, pendant and horizontal surface mounting, DEUTSCH DT connector 2-pin, DEUTSCH DT counterpart enclosed.



RokLUME 280N Generation 2



RokLUME 280N Generation 2 ZEROGLARE

Lens colour: Clear

1GA 995 706-501 Close-range illumination

1GA 995 706-511 Long-range illumination

1GA 995 706-521 ZEROGLARE illumination

1GA 995 706-531 Pencil beam illumination

1GA 995 706-551 Tunnel flood illumination

Lens colour: Diffused

1GA 995 706-541 Diffuse flood illumination

Lens colour: Green

1GA 995 706-571 Close-range illumination

1GA 995 706-581 Long-range illumination

1GA 995 706-591 ZEROGLARE illumination

1GA 995 706-601 Pencil beam illumination

Lens colour: Amber

1GA 995 706-631 Close-range illumination

1GA 995 706-641 Long-range illumination

1GA 995 706-651 ZEROGLARE illumination

1GA 995 706-661 Pencil beam illumination

Operating voltage range Multi-voltage (9 – 32 V)

Power Consumption Ø 46 W (12 V), Ø 45 W (24 V), max. 50 W

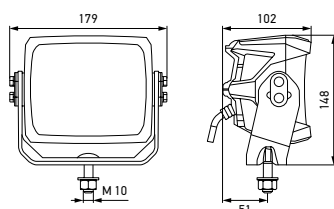
Light output Up to 5,000 lm

Approved ECE-R10

Compliant RCM, CISPR 25 Class 5 (12 V and 24 V)

RokLUME 380N

LED, 24 V, 5,000 K, housing: die-cast aluminium, NanoSafe coating, cover lens: hard-coated plastic, - 40 °C to +85 °C, IP 6K9K, IP 6K8, upright and pendant surface mounting, 300 mm cable with DEUTSCH DT connector 2-pin, DEUTSCH DT counterpart 2-pin enclosed.



1GA 996 197-011 Close-range illumination, heavy duty bracket

1GA 996 197-021 Long-range illumination, heavy duty bracket

1GA 996 197-001 ZEROGLARE illumination, heavy duty bracket

1GA 996 197-041 Pencil beam illumination, heavy duty bracket

1GA 996 197-031 Extra-wide illumination, heavy duty bracket*

Operating voltage range Single-voltage (20 – 30 V)

Power Consumption max. 84 W

Light output Up to 7,800 lm

Approved ECE-R10

Compliant RCM, CISPR 25 Class 4

* For Komatsu electrically driven mining dump trucks 730E – 980E.

Oval 100 LED Gen. II Work Lamps

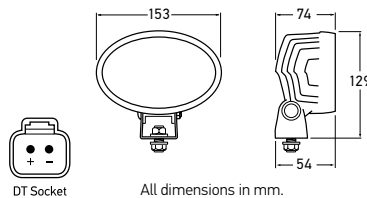
High quality aluminium housing and nylon (PA12) lens. Features 8 x high power LEDs (6500K) providing 4000 lumens.



1558LED



1558LEDLR

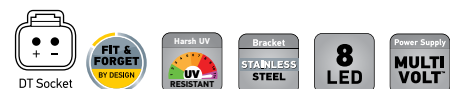


DT Socket

All dimensions in mm.



1558LED	1GA 996 761-001	CLOSE RANGE
1558LEDLR	1GA 996 761-011	LONG RANGE
Mounting	Upright or Pendant	
Voltage	Multivolt™ 9-33V DC	
Power Consumption	56W (12V DC) 54W (24V DC)	
Max. Light Output	4000 lumens	
Protection	IP6K9K and IP6K8, reverse polarity protection, surge protection, overheating protection	
Cable Length	Integrated DT Socket (Optional 2.0 metre DT Pigtail Loom to be ordered separately)	
Housing	Aluminium	
Lens Material	Nylon (PA12)	
Spare Part	9.1551LED.06	DT Pigtail Loom, 2 metres
Accessory	9.1517.08	Universal Pedestal Mount ①
Compliance		



Oval 100 LED Thermo Pro Work Lamps

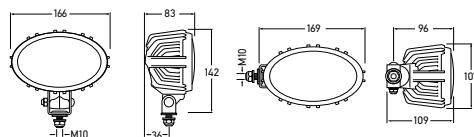
The HELLA Oval 100 LED Thermo Pro is the latest addition to the Oval 100 Work Lamp family. This Work Lamp has an innovative corrosion resistant thermally conductive plastic housing with cooling fins on the back to ensure sufficient heat dissipation from the 8 x high-power LEDs. Available with an upright mounting swivel base and a side mounting swivel base.



1568LED - Upright or Pendant, Swivel Base



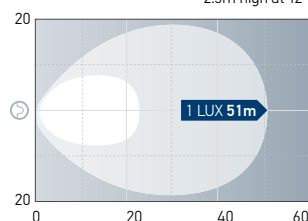
1568LED-SM - Side Mount , Swivel Base



1568LED	1GA 996 661-501 – Upright or Pendant, Swivel Base
1568LED-SM	1GA 996 661-031 – Side Mount , Swivel Base
Voltage	Multivolt™ 9 – 33 V DC
Power consumption	25 W
Light output	1700 lumens
Light source	8 High-Power LEDs
Colour temperature	6500 K
Housing material	Thermally conductive plastic
Lens Material	Polycarbonate
Mounting	Upright and side mounting
Connection	Integrated DT socket (Optional 2.0 metre DT Pigtail Loom to be ordered separately)
Protection	Overheating and polarity protection
Protection class	IP 6K9K, IP 6K8
Compliance	ECE-R10
Weight	660 g
Spare Part	9.1551LED.06 DT Pigtail Loom, 2 metres

Oval 100 LED Thermo Pro Work Lamps

2.5m high at 12°



COMBINATION LAMPS WITH DT CONNECTORS



DuraLED® Combi-SR Stop/Rear Position/Rear Direction Indicator/Reversing Lamp with Retro Reflector
2VP 015 075-101
DT & HCS version
2VP 015 075-101
HCS version



DuraLED® Combi-S Stop/Rear Position/Rear Direction Indicator Lamp - Heavy Duty
2SD 980 602-001
(2378DT)
2SD 980 602-201
(2378DTCS)



Jumbo-S LED Triple Module Stop/Rear Position/Rear Direction Indicator/Reversing Lamp - HCS Technology
2VA 980 761-951 (2431DTCS)



Jumbo-S LED Triple Module Stop/Rear Position/Rear Direction Indicator Lamp - HCS Technology
2VA 980 761-941
(2430DTCS)

DURALED® BUILT TO LAST



01 GRILAMID® LENS

Toughness against impact. UV & chemical resistant. Will not fade or embrittle

02 FIT & FORGET

Expertly designed and precision manufactured

03 RELIABILITY

Continuous improvement & strenuous testing for an ultra long operating life

04 MOUNTING BRUSH

Easy to mount on uneven surfaces

05 REFLECTOR

Inbuilt retro reflector beneath the outer lens

06 LEDS

High quality LEDs & the latest electronic technology

07 CONNECTION

Cable or DT option

08 CABLE

Glue bath cable entry IP6K7, IP6K9K



SIDE MARKERS WITH DT CONNECTORS



DuraLED DT series has integrated DT connector molded into the base



HELLA Australia offers a Lifetime* Warranty for all automotive LED based lighting products that carry the DuraLED® brand.



*Lifetime means the economic life of the vehicle these products were first installed on.



DuraLED® Heavy Duty Side Marker Lamp with DT Connector - Red/Amber
2PS 980 990-001 (2073)
2PS 980 990-007 (2073BULK)



DuraLED® Heavy Duty Cab Marker/Supplementary Side Direction Indicator Lamp with DT Connector
2BP 980 990-101 (2076)
2BP 980 990-107 (2076BULK)



DuraLED® Heavy Duty Front Position/End Outline Lamp with DT Connector
2PF 980 990-201 (2074)
2PF 980 990-207 (2074BULK)



DuraLED® Heavy Duty Front End Outline Lamp with DT Connector
2PF 980 990-401 (2071)
2PF 980 990-407 (2071BULK)



DuraLED® Heavy Duty Rear Position/End Outline Lamp with DT Connector
2XA 980 990-601 (2312)
2XA 980 990-607 (2312BULK)



White LED license plate lamp
2KA 959 640-381 (2559-1DT)

MANUFACTURED IN NEW ZEALAND

With a reputation for innovation and an uncompromising approach to quality, HELLA New Zealand is regarded as a manufacturing centre of excellence within the global HELLA group.



Established in 1973, HELLA New Zealand began developing and manufacturing high quality, robust LED vehicle lighting products to meet the unique requirements and challenges of end users in Australia and New Zealand.

A strong partnership soon formed between HELLA's Australian and New Zealand operations, and for almost 50 years many joint projects that began by creating new and innovative solutions to the challenges of their local markets have resulted in products that have gone on to achieve global success.

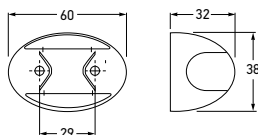
A LIFETIME OF SERVICE

With over 25 years of strenuous testing, continuous improvement and proven reliability in use on the roads of Australia and New Zealand, HELLA Australia is proud to stand by the unique DuraLED® lifetime warranty*, which warrants every DuraLED® product to last the economic life of the vehicle they were first installed on.

However, in the unlikely event that you should experience a confirmed warranty-related problem with DuraLED®, our commitment to your satisfaction ensures that HELLA will either repair or replace the product or refund the purchase price.

DuraLED® Side Marker Lamps

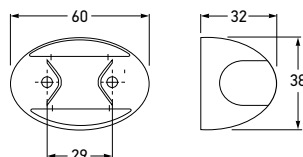
Red/amber side marker LED lamp. Optic appears clear until illuminated.



2053	2PS 959 660-581	
2053BULK	2PS 959 660-502	PACK OF 4
2053OEBULK	2PS 959 660-587	PACK OF 24
2053-5MBULK	2PS 959 660-737 – 5m cable	PACK OF 60
2053CHROME	2PS 959 660-691	CHROME PLATED
Mounting	Surface mount.	
Voltage	Multivolt™ for optimum brightness in 12 and 24 volt systems	
Power Consumption	<1W	
Protection	Reverse polarity protection. IP 6K6 (Protection against dust and high-pressure water jets) IP 6K7 (Protection against dust and temporary water immersion)	
Cable Length	Pre-wired with 0.5m of sheathed multi-core cable. Part No. 2053BULK - Bulk pack pre-wired with 2.5m of sheathed multi-core cable.	
Spare Part	9.2053.08	Black Nylon housing
Compliance	ADR 45/01	

DuraLED Marker Lamps

DuraLED Marker Lamps are ultra high impact resistant available individually or in a bulk pack of 4. Optics appear clear until illuminated.

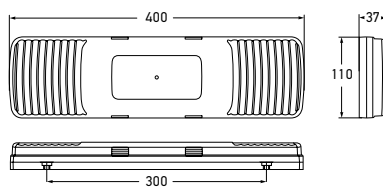


2026	2BP 959 660-301	Indicator	Amber
2026BULK	2BP 959 660-357	Indicator	Amber
2054	2PF 959 570-491	Front Position	White
2054BULK	2PF 959 570-557	Front Position	White
2307	2BA 959 560-431	Rear Position	Red
2307BULK	2TM 959 560-517	Rear Position	Red
2051	2PF 959 570-357	Front End Outline	Amber
2051BULK	2PF 959 570-304	Front End Outline	Amber
Voltage	8-28V DC		
Power Consumption	1W		
Housing	Nylon		
Cable Length	Pre-wired with 0.5m of sheathed multi-core cable. Bulk pack pre-wired with 2.5m of sheathed multi-core cable.		
IP Rating	IP 6K6, IP 6K7		
Compliance	2053 ADR 45/01, 2026 ADR 6/00 Cat 5, 2307, 2054, 2051 ADR 49/00		

LED Stop/Rear Position/Rear Direction Indicator/Reversing Lamp with Retro Reflector

LED combination lamp with 64cm² red retro reflector. Modern clear lens design with black mounting base.

Features HCS Technology with ISO 13207-1 compliance. Shockproof and fully sealed to withstand water submersion and high-pressure washing. Direction indicator optic appears clear until illuminated.



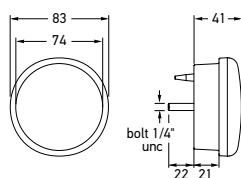
2391	2VP 980 980-001	HCS TECHNOLOGY - 24V ONLY
Mounting	Two bolt surface mount with mounting accessories supplied. Suitable for horizontal mounting.	
Voltage	Multivolt™ for optimum brightness in 12 and 24 volt systems	
Power Consumption	Stop : 5W Rear position: <2W Rear direction indicator: 6W Reverse: 5W	
Protection	Reverse polarity and 5000 watt Transient Voltage Suppressor (TVS). IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable	
Compliance	ADR 1/00 ADR 6/00: Cat 2a ADR 47/00 ADR 49/00 ISO 13207-1	

COMBINATION LAMP FUNCTIONS

Stop	Rear position	Rear direction indicator	Reverse

83mm Round LED Stop/Rear Position Lamp

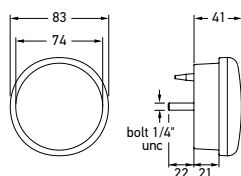
83mm diameter LED stop, rear position lamp with single bolt mount, featuring Enhanced Definition Technology (EDT). Features HELLA Ultra Wide Visibility Optics for significantly improved side visibility.




2390	2SB 959 010-031	PACK OF 2
2390BL	2SB 959 010-041	BLISTER PACK
2390BULK	2SB 959 010-037	PACK OF 10
Mounting	Flush mount. Single bolt 1/4" stainless UNC thread. Nut and washer supplied	
Voltage	Multivolt for optimum brightness at input voltages from 9 to 33 volts	
Power Consumption	Stop: 3W Rear position: 1W	
Protection	Reverse polarity and 5000 watt Transient Voltage Suppressor (TVS). IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable	
Compliance	ADR 49/00 E4 11391 ECE R7/02	

83mm Round LED Rear Direction Indicator Lamp

83mm diameter LED rear direction indicator lamp with single bolt mount. Features HELLA Ultra Wide Visibility Optics for significantly improved side visibility.



2130	2BA 959 011-011	PACK OF 2
2130BL	2BA 959 011-031	BLISTER PACK
2130BULK	2BA 959 011-003	PACK OF 10
Mounting	Flush mount. Single bolt 1/4" stainless UNC thread. Nut and washer supplied	
Voltage	Multivolt for optimum brightness at input voltages from 9 to 33 volts	
Power Consumption	2W	
Protection	Reverse polarity and 5000 watt Transient Voltage Suppressor (TVS). IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable	
Compliance	ADR 6/00: Cat 2a E4 11391 ECE R6/01 	

LED Combination Lamp Trailer Kit

LED trailer lamp incorporating a modern clear lens design with an 18cm² red retro reflector. The optic in the lamp appears clear until illuminated.



2395-TP	2VB 980 720-811	
2395-TP9M	2VB 980 720-861	9M CABLE
Lens Material	Acrylic	
Kit Contents	Each trailer lamp kit contains: 1 x 2394 Stop/rear position/rear direction indicator lamp with reflex reflector. 1 x 2395 Stop/rear position/rear direction indicator/licence plate lamp function with reflex reflector. 8 x Connectors Crimp connectors with heat shrink insulation.	





FORWARD LIGHTING

C140 LED combination headlight

- > Combination headlight with 100% LED technology
- > Excellent light distribution
- > For extreme and highly demanding applications



DISCOVER...

...the C240.

DISTINCTIVE DESIGN ROBUST IN APPLICATION

With its extraordinary appearance, the C240 meets all requirements for a modern and impressive vehicle design. Its robustness, impact resistance and vibration resistance make it the ideal combination headlamp – even for the toughest working conditions.



6 IN 1 – CONVINCING FUNCTION AND TECHNOLOGY

The LED combination headlamp C240 combines all important lighting functions in a single lamp: low beam, high beam, position light, daytime running light, direction indicator light to the front and side (Cat. 5). The 100 % LED technology in combination with the excellent thermal management ensures a long service life.

COOL COMBINED



Low beam and position light



Low beam, position light and high beam



Daytime running light



SAE direction indicator light



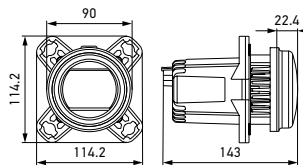
ECE direction indicator light



Side direction indicator light (Cat. 5)

90mm Performance Sealed LED Headlamp Modules - L4060 Series

The L4060 low beam headlamp module provides the best of HELLA OE headlamp technology in a retrofit solution that can be fitted to a wide variety of vehicles. High quality optics utilise a 55x70 square aperture lens, providing uniform illumination, sharp cut off patterns and high illumination efficiency.



1ML 012 488-111



1ML 012 488-131

1ML 012 488-111

LOW BEAM

1ML 012 488-131

LOW BEAM + DRL + PO

Mounting Standard 90mm module mounting (4x lugs, 85mm square pattern). Includes both mounting kit options as standard

Voltage 9-32V

Power Consumption Low Beam: 20W
DRL: 16W
PO: 2W

Light Source LED

Weight 764 g (Low Beam), 781 g (Low Beam + DRL + PO)

Connection Integrated DT Type Socket, 4-pin

Colour Temperature 5500 K

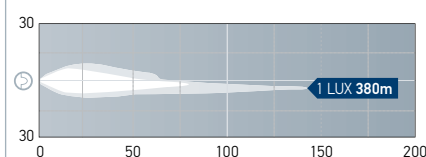
Lens Material Coated Polycarbonate

Compliance ECE R112/01 ECE R10 (E1) 4090



Accessory 9AH 254 228-012 Carrier Frame ①

LED Performance L 4060 Low Beam



16.9 mm



① 9AH 254 228-012 Carrier Frame

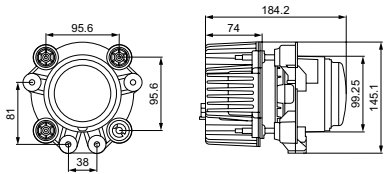
90mm Performance Sealed Bi-LED Headlamp Modules - L4565 Series


The L4565 Series Bi-LED module is the third Generation of the Performance series of 90mm LED Headlamp modules and introduces a new Zero Tolerance Integration mounting system.

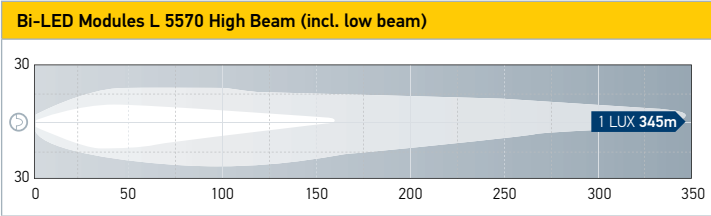
The lamp is mounted by the front fascia and lamp aiming adjustments occur internally. 'Clearance gaps' required for conventionally mounted modules to achieve module aiming adjustments are no longer needed. the latest electronics and LED developments are also included to produce a headlamp module packed with the very best in OE style lighting technology.



1LL 015 318-041
(L4565 Series)



1LL 015 318-041 - L4565				LOW AND HIGH BEAM	
Mounting	4x Bolted mount, Trapezoidal pattern				
Voltage	9-32V				
Power Consumption	Low Beam: 22W High Beam: 41W (Total, combined with low beam)				
Light Source	LED				
Weight	1565 g				
Connection	Integrated DT Type Socket, 4-Pin				
Colour Temperature	5500 K				
Lens Material	Coated Polycarbonate				
Compliance	ECE R149	Ref.17.5	ECE R10	(E) 0020	



90mm Essential Sealed LED Headlamp Modules - R 80 Series

The Essential Series R 80 headlamp modules provide quality HELLA OE LED lighting technology in a cost effective, robust product. Using an innovative reflector based optical design, the R 80 series produces a well controlled, homogeneous distribution of light that is synonymous with the HELLA brand.

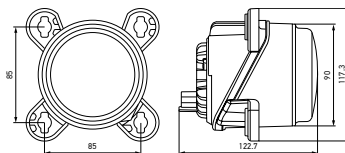
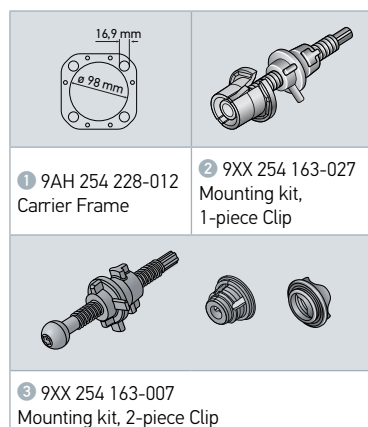
With a robust aluminium housing and polycarbonate lens construction, the R 80 series is an ideal upgrade for older halogen headlights offering a long, maintenance-free service life and reduced operating costs. The R 80 is also more compact than many other LED lighting modules with lens-based optics.



1M0 015 050-011



1K0 015 050-021

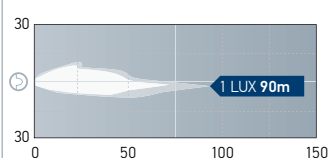


1M0 015 050-011

LOW BEAM

Mounting	Standard 90mm module mounting (4x lugs, 85mm square pattern). Requires optional mounting kit.
Voltage	9-32V
Power Consumption	24W
Light Source	LED
Weight	445 g
Connection	Integrated DT Type Socket, 2-Pin
Colour Temperature	5750 K
Lens Material	Coated Polycarbonate
Compliance	ECE R112/01 ECE R10 E1 8993

LED Essential R 80 Low Beam

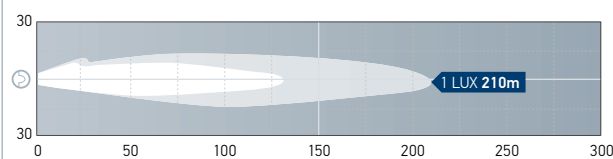


1K0 015 050-021

HIGH BEAM

Mounting	Standard 90mm module mounting (4x lugs, 85mm square pattern). Requires optional mounting kit.
Voltage	9-32V
Power Consumption	14.5W
Light Source	LED
Weight	445 g
Connection	Integrated DT Type Socket, 2-Pin
Colour Temperature	5750 K
Lens Material	Coated Polycarbonate
Compliance	ECE R149 Ref.20 ECE R10 E1 8993

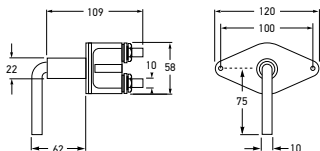
LED Essential R 80 High Beam (incl. low beam)





Heavy Duty Battery Master Switch

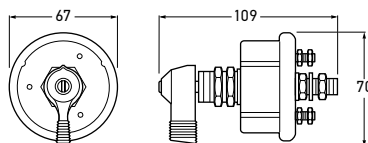
For trucks, buses and earth moving equipment.
Complete with removable key.



4653	6EK 001 559-002	OFF-ON
Mounting	22mm diameter opening	
Maximum Load	12V DC 24V DC	5000A for 10 seconds. 2500A for 10 seconds
Maximum Continuous Load	12/24V DC	100A continuous at a maximum ambient temperature of 60°C with 50mm² lead connected with ring-type terminals
Termination	2 x 10mm studs	
Protection	IP X4 (Protection against water splashing)	
Spare Part	4654	Spare key
Switch not designed for Marine applications.		

Battery Master Switches

Double-pole, 2-position (off-on) Battery Master Switch with plated steel case designed to disconnect both battery and field circuit. Actuated by chrome-plated die-cast lever. Part No. 4643 features silver laminated contacts.



4642	6EK 905 424-001	
4643	6EK 905 424-011	SILVER CONTACTS
Mounting	19mm diameter opening	
Maximum Load	1000A at 6-36V DC intermittent	
Maximum Continuous Load	125A at 6-36V DC continuous (large studs) 20A continuous (small studs)	
For Panels	Up to 4.75mm thick	
Spare Part	4645	Key ①
Accessories	4646	Face Plate ②

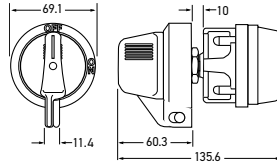


① 4645

② 4646

Battery Master Lockout Switches - 2 Pole

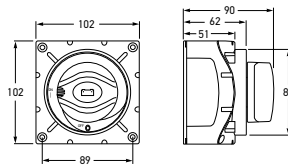
Heavy duty 2-pole lockable battery lockout switch. The battery lockout switch provides a reliable power disconnection and safety cut-off that protects the vehicle against tampering, theft and battery drain. It also protects service personnel from electrical hazards during service operations.



HM7592B	9MK 910 109-001	RED HANDLE
HM7592Y	9MK 910 109-011	YELLOW HANDLE
Mounting	Sealed design allows switch to be mounted in the best location regardless of environment	
Operating Temp.	-40°C to +85°C	
Maximum Continuous Load	300A at 12V DC continuous 250A at 24V DC continuous	
Protection	Waterproof and dustproof to IP67.	

Heavy Duty Battery Master Switch

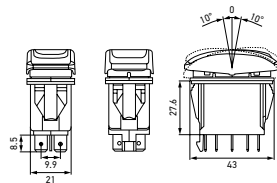
For commercial use. Features sliding contact for self cleaning.



4720	6EK 998 540-062	OFF-ON
Mounting	Recess or surface mount. 85mm diameter opening	
Maximum Load	12/24V DC	2500A for up to 10 seconds
Maximum Continuous Load	12/24V DC	600A
Termination	2 x 12mm studs	
Protection	IP 56 (Protection against solid foreign objects up to 1mm and powerful water jets)	

Rocker switch series 3100

Waterproof and dustproof rocker switch series for electrical systems.

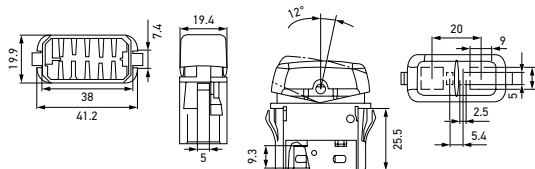


3100

Mounting hole, without installation frame	37.0 x 21.1 mm
Mounting hole, with installation frame	51.3 x 48.3 mm (for two units)
Dashboard thickness for direct installation	Switch 2 mm
Dashboard thickness with installation frame	2.5 to 6.5 mm
Switch principle	Bridge switch
Operation	Pushbutton, toggle
Protection class	IP 6K8, connector side: IP 6K6
Rated switching current, resistive load, 12 V	20 A
Rated switching current, resistive load, 24 V	15 A

Rocker switch series 4100

Rocker switch series with self-cleaning micro switch suitable for electrical and electronic systems.

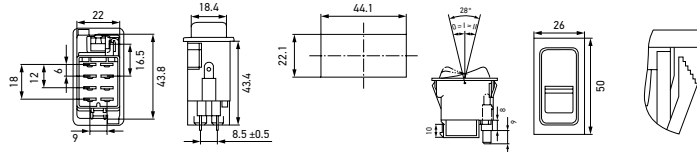


4100

Mounting hole, without installation frame	41.8 x 19.8 mm
Mounting hole, with installation frame	44.1 x 22.1 mm per unit
Dashboard thickness for direct installation	Switch 2 mm
Dashboard thickness with installation frame	3 to 4 mm
Switch principle	Micro switch with self-cleaning contacts
Operation	Pushbutton, toggle
Protection class	IP 5K4
Rated switching current, resistive load, 12 V	10 A
Rated switching current, resistive load, 24 V	10 A

Rocker switch series 4570/7832

Basic range of simple electrical system, tried and tested for more than 20 years.



4570/7832

Mounting hole, without installation frame	44.1 x 22.1 mm
Mounting hole, with installation frame	51.3 x 48.1 mm (for two units)
Dashboard thickness for direct installation	1 to 2.5 mm
Dashboard thickness with installation frame	1 to 2.5 mm
Switch principle	Bridge switch
Operation	Pushbutton, toggle
Protection class	IP 5KX
Rated switching current, resistive load, 12 V	16 A
Rated switching current, resistive load, 24 V	8 A





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