



Work Lamps

Effective and efficient mobile lighting is an essential safety element to increase staff protection from accidents.



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Whatever you drive, good lighting of the outdoor workplace is an essential safety element necessary to protect operators and valuable equipment from accidents.

A large percentage of New Zealand's productive workforce is employed in the outdoors and is susceptible to changes in environmental conditions.

To enhance productivity and maximise the returns on capital intensive farming equipment and machinery, working hours are extended into the night. In the case of road works on major arterial roads, work is conducted at night to avoid major traffic delays during daytime and particularly rush hour.

Good lighting of the outdoor workplace is an essential safety element and necessary to protect valuable equipment and operators from accidents.

The superior performance of HELLA work lamps is recognised by industry worldwide, with the largest agriculture and construction equipment manufacturers now specifying HELLA lighting as original equipment. In heavy duty work environments, LED work lamps offer decisive advantages over other lighting technologies. LED work lamps consume significantly less power than incandescent bulbs resulting in reduced strain on both alternator and battery. This makes LED work lamps the ideal lighting solution for work machines and equipment with low alternator performance or battery-assisted power supply.

LED Technology

- Highly efficient light output
- Low power consumption
- Low maintenance
- Ultra long service life
- Multivolt™
- Water and dust-proof
- High resistance to vibration
- Lower operating temperatures

All the advantages of modern LED lighting technology are fully utilised in HELLA work lamps.

The choice of LEDs, the power supply and thermal management of the work lamp are key factors in achieving optimum light output (lumen). The quality of the components used by HELLA ensures, for example, that the light remains at a constant level of brightness in a variety of harsh conditions.

Good thermal management is necessary to ensure a long service life. When an LED is illuminated, heat is produced. As the current is increased to the lamp, more heat is generated. As LED temperature increases, light output decreases and the service life reduces. Efficient design for maximum heat dissipation must be ensured. HELLA uses the latest simulation programs during product development to ensure optimal heat dissipation through the housing.

All HELLA LED work lamps are designed to provide reliable protection against the LEDs overheating. This guarantees long service life as well as consistent light output.

Do you know what the actual light output of your work lamp is?

Some LED work lamp manufacturers typically specify a light output without factoring in the impact of temperature, optical losses or other real world effects on light output performance.



This however, does not correspond to the actual effective light output of the work lamp. When these light values are cited, they are often unrealistically high. Such ratings are referred to as "calculated lumen" (clm) or "cold lumen".

The lumen ratings of all HELLA work lamps are always based on values obtained from measuring actual lamps. The lumen values correspond to the light that is actually emitted from the work lamp. HELLA LED work lamps emit their full output in ambient temperatures of up to 50°C.

What do GGVSEB and ADR stand for?



GGVSEB (previously GGVS) stands for the German regulation on carriage of dangerous goods by road, rail and inland waterway.

This regulation transposes Directive 2008/68/EC of the European Parliament and Council of 24 September 2008 on the inland transport of dangerous goods.

Work lamps marked with this symbol are approved for mounting on transportation equipment which meets the regulations of GGVSEB/ADR.



How can you compare the illumination of different work lamps?

Work lamps can be compared by using an informative isolux lighting diagram. These diagrams display the projected light pattern on a surface in the form of isolux lines (lines of equal light intensity). To compare isolux diagrams, various criteria such as installation height, inclination angle and lux scale must be taken into account. An objective comparison is inaccurate if the criteria differ from one another. Comparing diagrams with different colour scales can be easily misinterpreted.

What is the difference between the different types of illumination?

Long Range

Narrow beam range designed to illuminate distant objects between 40m - 150m (depending on installation height and inclination angle).

Close Range

Spread beam designed to illuminate an area near the vehicle, range approx. 5m to 40m (depending on installation height and inclination angle).



Flood

Ultra wide spread beam designed to illuminate a large area adjacent to the vehicle, range up to 10m (depending on installation height and inclination angle).

Electromagnetic Compatibility (EMC)

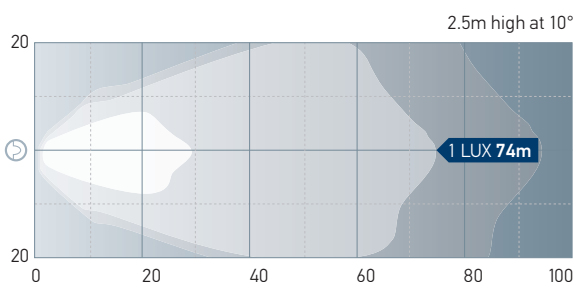
Electromagnetic Compatibility (EMC) is an increasingly relevant feature for emergency and signal warning lighting. As electronic devices become more common, so does the risk of unintended interference that can have adverse effects on other sensitive devices such as radios or communication equipment.

HELLA lighting products are designed and tested to reduce the possible risk of electromagnetic interference, both emissions as well as susceptibility, to limits defined in international standards.

As prescribed by New Zealand legislation, under circumstances, electronic products sold in New Zealand must be labelled with the C-tick  or RCM  marks. HELLA products are designed, tested and labelled to meet the requirements of this legislation

IP Ratings

See page 153 for full IP rating descriptions and what they mean.



Isolux Lighting Diagram

Isolux diagrams display the projected light pattern on a surface in the form of isolux lines (lines of equal light intensity).

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With ELIVER, you can easily compare our best work lamps online – and get a realistic idea of the light yield. Get the right light for your everyday work.

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Systems online.**

Technology with Vision



HALOGEN AND LED HEAD-TO-HEAD



The Past:

6 x halogen work lamps

Alternator load 27.5A



Upgrade Option 1:

4 x halogen work lamps, 2 x LED work lamps

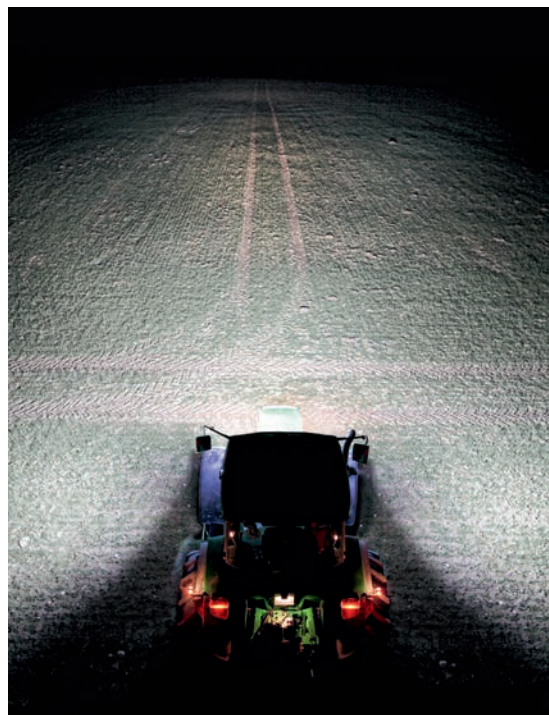
Alternator load 22.0A



Upgrade Option 2:

2 x halogen work lamps, 4 x LED work lamps

Alternator load 16.5A



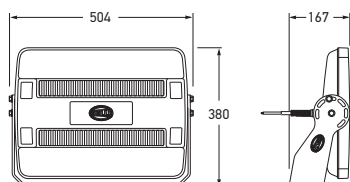
Upgrade Option 3: The Future

6 x LED work lamps

Alternator load 11.0A


HypaLUME® LED Work Lamp - Heavy Duty

The HypaLUME® has been designed for multiple applications where high output LED lighting is required. 56 high power LEDs produce an output of more than 20,000 lumens while only consuming 240W at 24V DC. The LEDs have a colour temperature of 5700K to provide a near daylight environment and a Grilamid® lens protects the LEDs from environmental damage.



Shown with
50g bracket



Part Number	HMF2000WMOB	FLOOD
	HMF2000CMOB	CLOSE RANGE
	HMF2000LMOB	LONG RANGE
Mounting	Upright or pendant.	
Voltage	Optimum brightness at input voltages from 18 to 52 volts.	
Power Consumption	240W	
Max. Light Output	20000 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 1.8m of sheathed cable.	
Lens Material	Grilamid®	
Compliance	CE  ISO 13766 FCC CISPR25	

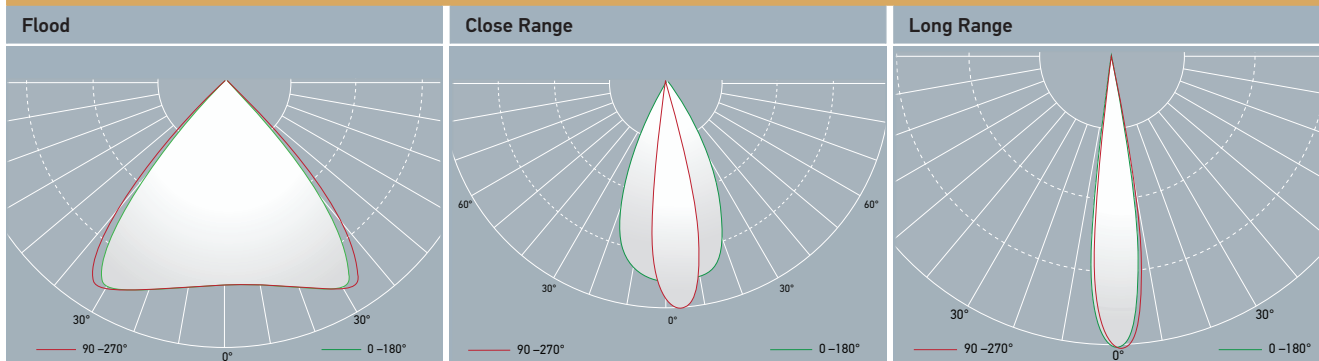


Front view

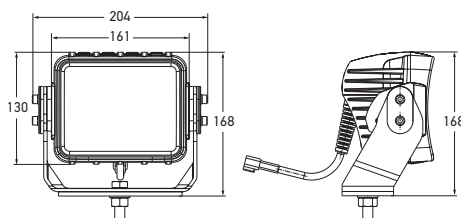
Rear view

Side view

BEAM PATTERNS



WORK LAMPS



Part Number	HM1500NBD	LONG RANGE
	HM1500WBD	CLOSE RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	60W	
Max. Light Output	5000 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 200mm of sheathed cable and 3 pin DT socket.	
Lens Material	Grilamid®	
Compliance	CE ISO 13766-2006 CISPR25	

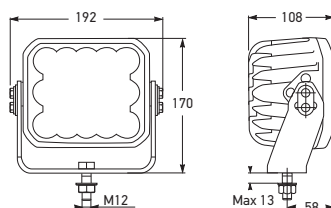
AS 5000LED LED Work Lamp
- Heavy Duty

The AS 5000LED is a high output, compact and highly versatile heavy duty work lamp for use on mining machinery. Multi-adjustable bracket ensures accurate, stable aiming in high vibration environments.



Side view

Rear view



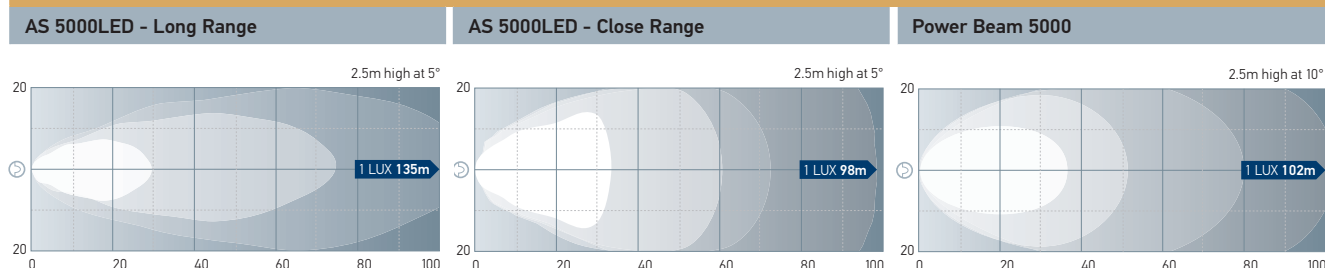
Part Number	1556	CLOSE RANGE
Mounting	Upright.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	70W	
Max. Light Output	4500 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Supplied with 2.5m of sheathed multi-core cable and DT plug.	
Spare Part	9.1549.05	Plug and lead
Lens Material	Grilamid®	
Compliance	(E1) CE	

Power Beam 5000 LED Work Lamp
- Heavy Duty

LED work lamp with 23 high performance LEDs for a powerful white light output rated at 4500 lumen, very similar to daylight. This guarantees excellent colour reproduction at night and supports sensory perception by the human eye.

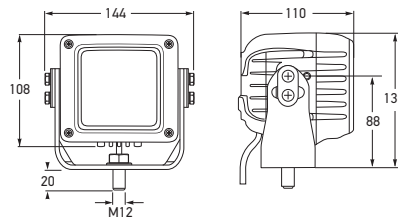


BEAM PATTERNS



Power Beam 3000 LED Work Lamp - Heavy Duty

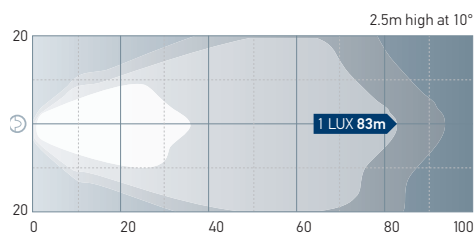
LED work lamp with 16 high performance LEDs for a powerful white light output rated at 3000 lumen, brighter than a standard 35W HID work lamp. Features robust aluminium die-cast housing, heavy duty stainless steel bracket and nylon lens for consistent close range illumination.



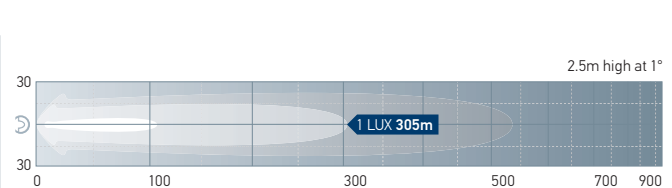
Part Number	1555-HD	CLOSE RANGE
	1555-HDLR	LONG RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	43W	
Max. Light Output	3000 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 2.0m of sheathed twin core cable.	
Lens Material	Grilamid®	
Compliance		

BEAM PATTERNS

Power Beam 3000 - Close Range



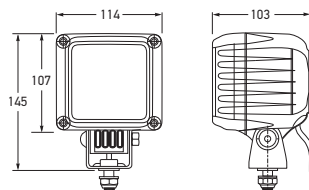
Power Beam 3000 - Long Range



P/N 1555-HDLR

Power Beam 2000 LED Work Lamp

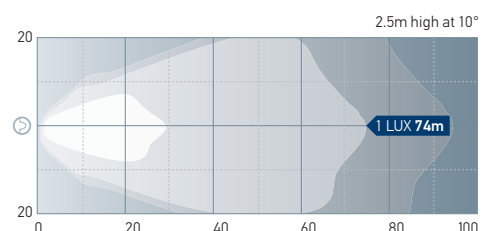
LED work lamp with 16 high performance LEDs for a powerful white light output rated at 2200 lumen, over 50% brighter than a 55W H3 bulb, while consuming 20% less power. Features robust aluminium die-cast housing, stainless steel bracket and hardened glass lens for consistent close range illumination.

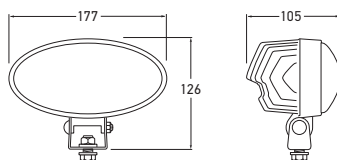


Part Number	1553	CLOSE RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	43W	
Max. Light Output	2200 lumen	
Protection	Reverse polarity protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Pre-wired with 2.0m of sheathed twin core cable.	
Compliance		

BEAM PATTERN

Power Beam 2000





Oval 90 LED Work Lamp

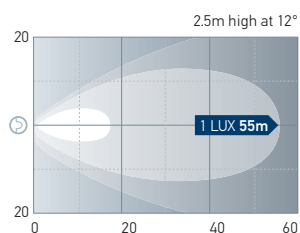
Oval 90 LED work lamp featuring 10 high performance LEDs for an intense light output rated at 2000 lumen. High quality aluminium housing and nylon lens. Suitable for close range or long range illumination.



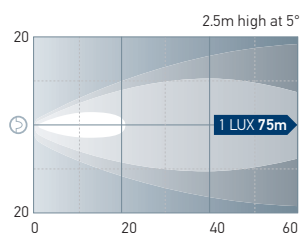
Part Number	1559	CLOSE RANGE
	1559-LR	LONG RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	28W	
Max. Light Output	2000 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Supplied with 2m of sheathed multi-core cable and DT plug.	
Spare Part	9.1549.05	Plug and lead
Lens Material	Grilamid®	
Compliance	E1 CE	
See page 147 for work lamp accessories.		

BEAM PATTERNS

Oval 90 - Close Range



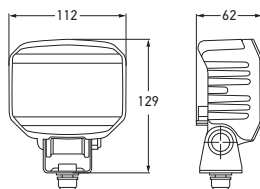
Oval 90 - Long Range





AS 5000LED shown - page 129

Power Beam 1500 LED Work Lamp

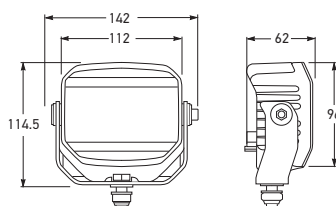
Premium LED work lamp with aluminium housing. Light output rated at 1300 lumen.





Part Number	1557	CLOSE RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	22W	
Max. Light Output	1300 lumen	
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	Supplied with 2m of sheathed multi-core cable and DT plug.	
Spare Part	9.1549.05	Plug and lead
Lens Material	Grilamid®	
Compliance	 	
See page 147 for work lamp accessories.		

Power Beam 1500 LED Work Lamp - Heavy Duty

Premium heavy duty LED work lamp with aluminium housing. Light output rated at 1300 lumen. Suitable for heavy duty use.

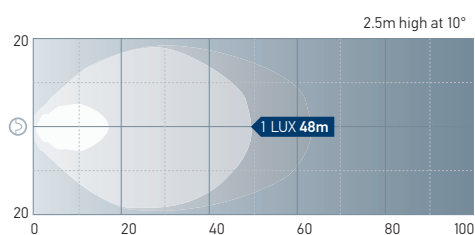


P/N 1557-HD

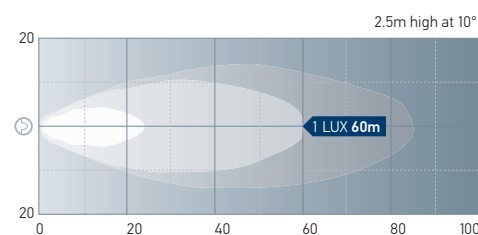
Part Number	1557-HD	CLOSE RANGE
	1557-HDLR	LONG RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	22W	
Max. Light Output	1300 lumen	
Protection	Reverse polarity protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Supplied with 2m of sheathed twin core cable and DT plug.	
Spare Part	9.1549.05	Plug and lead
Lens Material	Grilamid®	
Compliance	 	
See page 147 for work lamp accessories.		

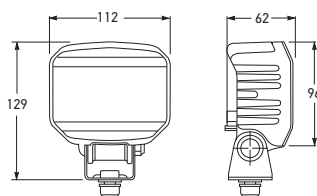
BEAM PATTERNS

P/N 1557/1557-HD - Close Range



P/N 1557-HDLR - Long Range



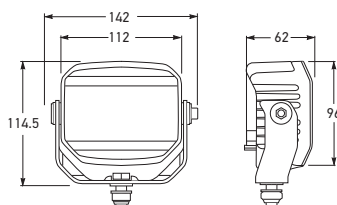


Part Number	1551	CLOSE RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	<18W	
Max. Light Output	850 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Supplied with 2m of sheathed twin core cable and DT plug.	
Spare Parts	9.1549.05 9.1530.07	Plug and lead Stainless steel bracket
Compliance	(E) CE	

See page 147 for work lamp accessories.

Power Beam 1000 LED Work Lamp

LED work lamp with 6 high performance LEDs for a powerful white light output. Features robust aluminium die-cast housing, stainless steel bracket and Free-Form (FF) reflector with clear lens for consistent close range illumination. Integrated Deutsch DT socket electrical connection.



Part Number	1551-HD	CLOSE RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	<18W	
Max. Light Output	850 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Supplied with 2m of sheathed twin core cable and DT plug.	
Spare Part	9.1549.05	Plug and lead
Compliance	(E) CE	

See page 147 for work lamp accessories.

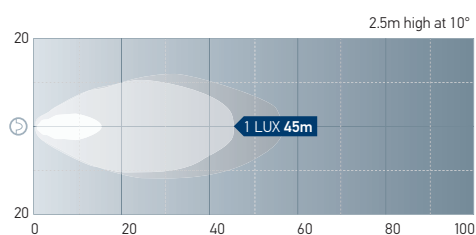
Power Beam 1000 LED Work Lamp - Heavy Duty

LED work lamp with 6 high performance white LEDs for a powerful white light output. Features robust aluminium die-cast housing, stainless steel heavy duty bracket and Free-Form (FF) reflector with clear hardened glass lens for consistent close range illumination. Integrated Deutsch DT socket electrical connection.



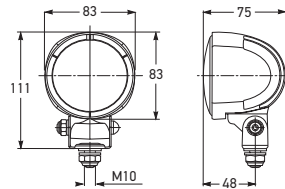
BEAM PATTERN

P/N 1551



Close Range M70 LED Work Lamp

M70 LED Multivolt™ work lamp features 4 high performance white LEDs providing consistent close range illumination and lamp protection with 12 or 24V systems. High-sheen metallised Free-Form (FF) reflector and clear glass lens. Housed in an impact resistant aluminium die-cast housing, fully sealed for an ultra long service life in demanding high vibration environments.

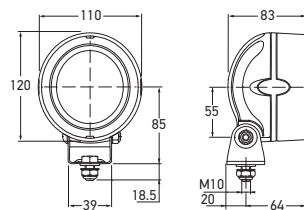


Part Number	1547-LED	CLOSE RANGE
Mounting	Upright or pendant.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	13W	
Max. Light Output	800 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Supplied with 2m of sheathed cable.	
Compliance	Ⓔ CE	

Part Number	CLOSE RANGE LED WORK LAMP - EXTENDED VOLTAGE	
	1547-LEDEV	CLOSE RANGE
Voltage	Multivolt™ for optimum brightness at input voltages from 10 to 100 volts.	
Max. Light Output	600 lumen	
Other specifications as per P/N 1547-LED		

Close Range Mega Beam LED Work Lamp

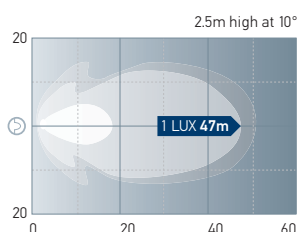
Mega Beam Generation 3 LED Multivolt™ work lamps feature 4 high performance white LEDs providing consistent close range illumination with 12 or 24V DC systems. High-sheen metallised Free-Form (FF) reflector and clear glass lens. Housed in an impact resistant aluminium die-cast and UV plastic housing, fully sealed for an ultra long service life in demanding high vibration environments.



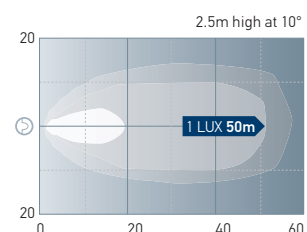
Part Number	1539-LED	CLOSE RANGE
Mounting	Upright with M10 bolt.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.	
Power Consumption	13W	
Max. Light Output	800 lumen	
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable Length	Supplied with 2m of sheathed cable.	
Compliance	Ⓔ CE	

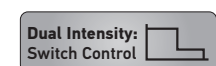
BEAM PATTERNS

P/N 1547-LED



P/N 1539-LED



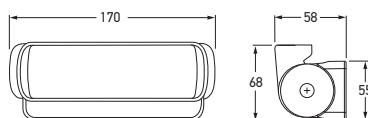


Power Supply
MULTI VOLT

30 LED

Lens Material
GMD

Bracket
STAINLESS STEEL



Part Number	LONG RANGE	CLOSE RANGE	
	98095023	98095003	WHITE
	98095033	98095014	WARM WHITE
Mounting	Upright or pendant.		
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.		
Power Consumption	High intensity mode: 12W (1A@12V/0.50A@24V) Low intensity mode: 2W (0.17A@12V/0.08A@24V)		
Max. Light Output	650 lumen		
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)		
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable.		
Lens Material	Grilamid®		
Compliance	CE Z208		

DuraLED® WL750 Work Lamp

Featuring an integrated dual intensity circuit, a high level of spike protection and energy efficient Multivolt™ technology, the innovative DuraLED® WL750 will appeal for applications where energy efficiency and reliability is a must. Features a tough, chemical resistant Grilamid® lens, a highly impact resistant Swiss-made crystal clear polyamide with superior tolerance to chemical and long term harsh UV exposure, as well as technologically advanced thermally conductive non-metal housing.



Friction mounts; easy adjustment without tools.

Completely sealed lamp/cable entry. Marine grade stainless steel bracket.

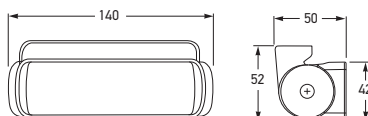



Power Supply
MULTI VOLT

4 LED

Lens Material
GMD

Bracket
STAINLESS STEEL



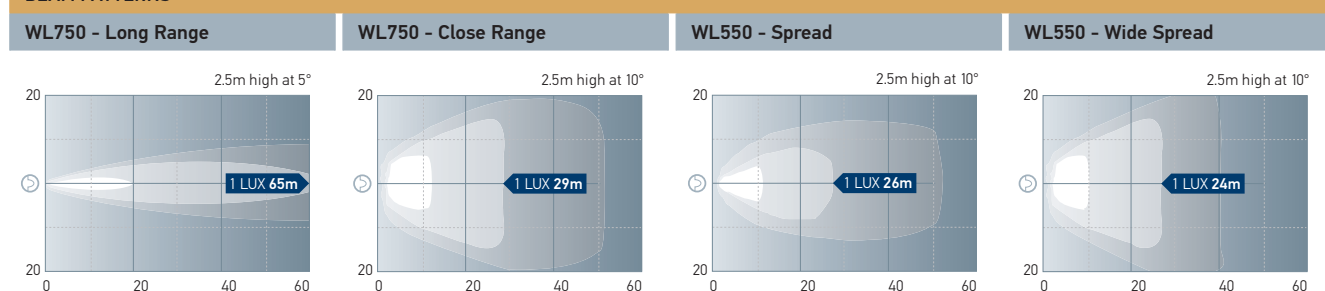
Part Number	SPREAD	WIDE SPREAD	
	98057310	98057300	WHITE
Mounting	Upright or pendant.		
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 33 volts.		
Power Consumption	7W		
Max. Light Output	550 lumen		
Protection	Reverse polarity and voltage spike protection. IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)		
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable.		
Lens Material	Grilamid®		
Compliance	CE  Z208		

DuraLED® WL550 Work Lamp

LED universal work lamp with low profile stainless steel bracket. Lamp may be mounted upright or pendant and may be adjusted vertically up or down. Totally sealed against dust and moisture and with a tough, chemical resistant Grilamid® lens. Option of two light patterns, spread or wide spread.

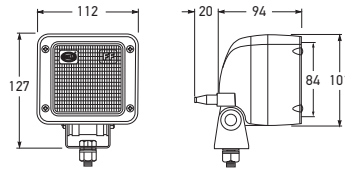


BEAM PATTERNS



Close Range Halogen Work Lamp

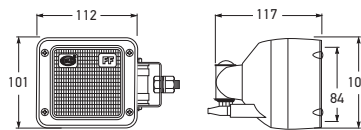
Halogen work lamp with Free-Form (FF) reflector for uniform close range illumination. Made of die-cast aluminium. Glass lens bonded with reflector to be dust and moisture-proof. Shock-proof plastic housing. External wiring connection. DT version with 2 pin Deutsch rear plug.



Part Number	1533	12 VOLT
	1533-35W	
	1533-24V	
	1533-DT24V (With Deutsch DT plug)	24 VOLT
Mounting	Upright, side or pendant mounting through swivelling the lamp unit 90°. U-shape four point fixing bracket with M10 screw for mounting on horizontal and vertical surfaces.	
Power Consumption	12V - 55W/35W 24V - 70W	
Bulbs to Suit	12V 24V	YC1255, YC1235 (1533-35W) YC2470
Protection	IP 6K4K (Protection against dust and water splash) IP X9K (Protection against high-pressure jets)	
Spare Parts	9.1533.01 9.1533.05 9.1533.08 9.1530.07 9.1549.05	Insert Plug and lead Pedestal bracket Stainless steel bracket Deutsch plug and 2.5m of sheathed cable (DT)
Not suitable for 100W bulbs.		

Close Range Halogen Work Lamp - Side Mount

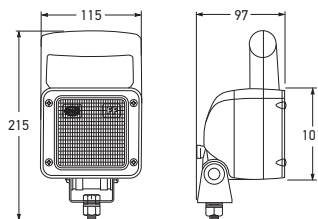
As per P/N 1533 with side mount.



Part Number	1533-SM	12 VOLT
	1533-SM24V	24 VOLT
Mounting	With M10 fixing screw for mounting on vertical surfaces. Pivot range: Horizontal 130° Inclination range: Vertical 90°	
Other specifications as per P/N 1533.		

Close Range Halogen Work Lamp

As per P/N 1533 with handle. P/N 1533-SW includes switch.



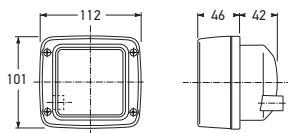
Part Number	1533-HAN	12 VOLT
	1533-HAN24V	24 VOLT
	1533-SW (Includes switch)	12 VOLT

Other specifications as per P/N 1533.



P/N 1533-SW

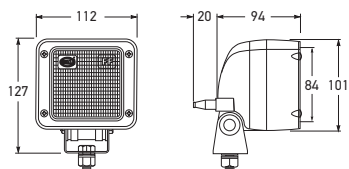
WORK LAMPS



Part Number	1533-FM		12 VOLT
	1533-FM24V		24 VOLT
Mounting	Recess mount.		
Power Consumption	12V - 55W 24V - 70W		
Bulbs to Suit	12V 24V	YC1255, YC1235 YC2470	
Protection	As per P/N 1533.		
Spare Parts	9.1533.01 9.1533.05	Insert Plug and lead	

Close Range Halogen Work Lamp

Halogen work lamp with Free-Form (FF) reflector for uniform close range illumination. Made of die-cast aluminium. Glass lens bonded with reflector to be dust and moisture-proof. Shock-proof plastic housing. External wiring connection. Suitable for recess mounting.



Part Number	1533-LR		12 VOLT
	1533-LR24V		24 VOLT
Mounting	Suitable for upright, side or pendant mounting through swivelling the lens unit 90°. U-shape bracket with M10 screw for mounting on horizontal and vertical surfaces.		
Power Consumption	12V - 55W 24V - 70W		
Bulbs to Suit	12V 24V	YC1255, YC1235 YC2470	
Protection	As per P/N 1533.		
Spare Parts	9.1533.03 9.1533.05 9.1533.08 9.1530.07	Insert Plug and lead Pedestal bracket Stainless steel bracket	
Not suitable for 100W bulbs.			

Long Range Halogen Work lamp

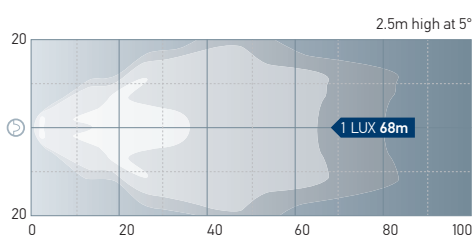
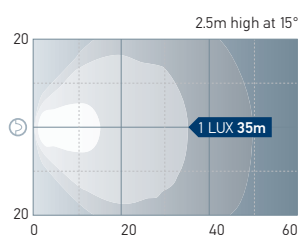
Halogen work lamp with Free-Form (FF) reflector for long range, uniform illumination. Made of die-cast aluminium. Glass lens bonded with reflector to be dust and moisture-proof. Shock-proof plastic housing. External wiring connection.



BEAM PATTERNS

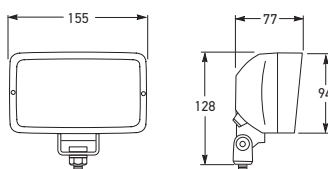
P/N 1533

P/N 1533-LR



Close Range Halogen Work Lamp

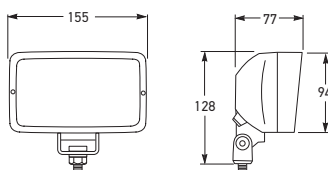
Halogen work lamp with black fibre reinforced ABS housing and Free-Form (FF) reflector for close range, uniform illumination.



Part Number	1519	12 VOLT
	1519-24V	24 VOLT
Mounting	Upright or pendant.	
Power Consumption	12V - 55W 24V - 70W	
Bulbs to Suit	12V 24V	YC1255 YC2470
Protection	IP 5K4K (Protection against dust and water splash)	
Spare Part	9.2859.02	FF insert
Not suitable for 100W bulbs.		

Close Range Halogen Work Lamp

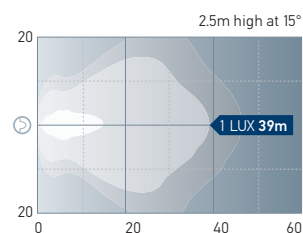
Halogen work lamp with black fibre reinforced ABS housing, stainless steel bracket, bolts and lens screws. Free-Form (FF) reflector for close range, uniform illumination.

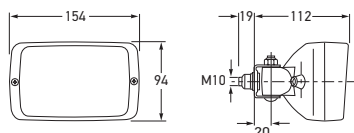


Part Number	1519-SS	12 VOLT
	1519-SS24V	24 VOLT
Mounting	Upright or pendant.	
Power Consumption	12V - 55W 24V - 70W	
Bulbs to Suit	12V 24V	YC1255 YC2470
Protection	IP 5K4K (Protection against dust and water splash)	
Spare Part	9.2859.02	FF insert
Not suitable for 100W bulbs.		

BEAM PATTERN

P/N 1519

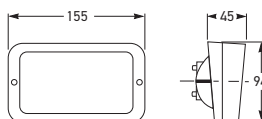




Part Number	1519-SM		12 VOLT
	1519-SM24V		24 VOLT
Mounting	Side mount.		
Power Consumption	12V - 55W 24V - 70W		
Bulbs to Suit	12V	YC1255	
	24V	YC2470	
Protection	IP 5K4K (Protection against dust and water splash)		
Spare Part	9.2859.02	FF insert	
Not suitable for 100W bulbs.			

Close Range Halogen Work Lamp

Halogen side mount work lamp with black fibre reinforced ABS housing and Free-Form (FF) reflector for close range, uniform illumination. Universal side bracket with M10 mounting screw for attachment to vertical surfaces.



Part Number	2860-BLACK		12 VOLT
Mounting	Recess mount - front inclination +/- 5 degrees.		
Power Consumption	55W		
Bulbs to Suit	12V	YC1255	
	24V	YC2470	
Protection	IP 5K4K (Protection against dust and water splash)		
Spare Part	9.2859.02	FF insert	
Not suitable for 100W bulbs.			

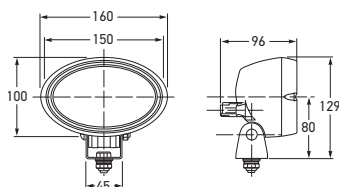
Close Range Halogen Work Lamp

Halogen work lamp with recess mount black fibre reinforced ABS housing and Free-Form (FF) reflector for close range, uniform illumination.



Close Range Oval 100 Halogen Work Lamp

Oval 100 Halogen work lamp with Free-Form (FF) reflector for close range, medium spread illumination. Uniform large surface illumination results in excellent working light. Sturdy housing design.

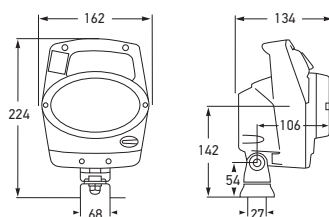


Part Number	1540	12 VOLT
	1540-24V	24 VOLT
Power Consumption	12V - 55W 24V - 70W	
Bulbs to Suit	12V 24V	YC1255 YC2470
Protection	IP 5K4K (Protection against dust and water splash)	
Spare Parts	9.1540.01 9.1533.05 9.1533.08 9.1530.07	Insert Plug and lead Pedestal bracket Stainless steel bracket

Not suitable for 100W bulbs. See page 147 for work lamp accessories.

Close Range Oval 100 Halogen Work Lamp with Handle and Switch

Oval 100 Halogen work lamp with solid alloy Free-Form (FF) reflector for close range illumination. Comes with handle and switch. Reinforced plastic housing and glass lens. Glass lens protected by extended rim. On-off switch conveniently positioned on the front of the lamp.

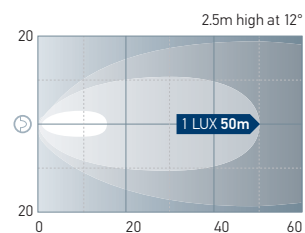


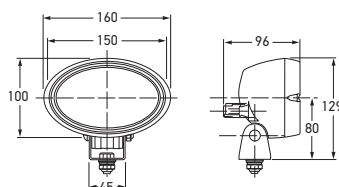
Part Number	1552	12 VOLT
Mounting	Upright with four point fixing bracket.	
Power Consumption	55W	
Bulbs to Suit	12V 24V	YC1255 YC2470
Spare Part	9.1540.01	Insert

Not suitable for 100W bulbs.

BEAM PATTERN

P/N 1552



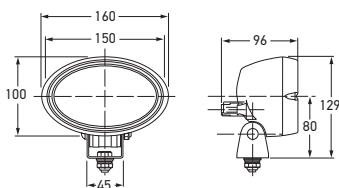


Close Range Halogen Work Lamp

Halogen work lamp with Free-Form (FF) reflector and clear glass lens for close range, wide spread illumination. Sturdy housing design.



Part Number	1541	12 VOLT
	1541-24V	24 VOLT
Mounting	Upright or pendant. Single bolt with tilt adjustment.	
Power Consumption	110W (2 x 55W)	
Bulbs to Suit	12V	2 x YC1255
	24V	2 x YC2470
Protection	IP 5K4K (Protection against dust and water splash)	
Spare Parts	9.1541.01	Close range insert
	9.1530.07	Stainless steel bracket
	9.1531.08	Pipe socket base
	Not suitable for 100W bulbs.	



Long Range Halogen Work Lamp

Halogen work lamp with Free-Form (FF) reflector for wide spread, long range illumination. The pattern free lens prevents scatter loss and avoids unwanted light reflections outside the illuminated area.



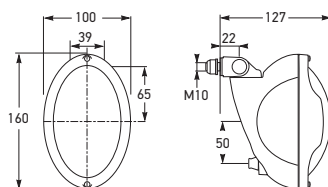
Part Number	1542	12 VOLT
	1542-24V	24 VOLT
Mounting	Upright or pendant. Single bolt with tilt adjustment.	
Power Consumption	110W (2 x 55W)	
Bulbs to Suit	12V	2 x YC1255
	24V	2 x YC2470
Protection	IP 5K4K (Protection against dust and water splash)	
Spare Parts	9.1542.01	Long range insert
	9.1530.07	Stainless steel bracket
	9.1531.08	Pipe socket base
	Not suitable for 100W bulbs.	

Close Range Oval 100 Double Beam Work Lamp

Oval 100 double beam Halogen work lamp with solid alloy Free-Form (FF) reflector for close range illumination. Has two distinct patterns for use with fork lifts and other lifting vehicles. Lower beam illuminates the roadway and the upper beam illuminates the load and/or loading area. Sturdy glass reinforced plastic housing and glass lens.

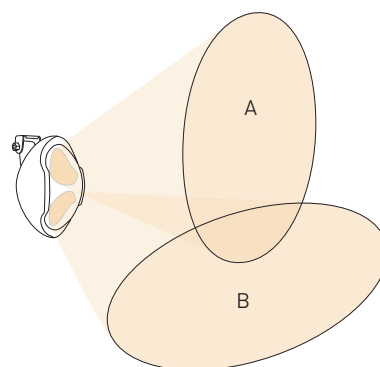


Side view shown



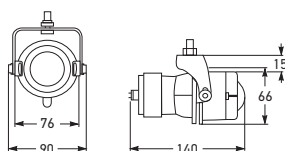
Part Number	1554	12 VOLT
Mounting	Pendant mounting with M10 mounting bolt.	
Power Consumption	12V - 110W (2 x 55W)	
Bulbs to Suit	12V 24V	2 x YC1255 2 x YC2470
Protection	IP 5K9K (Protection against dust and high-pressure/steam jet cleaning)	
Not suitable for 100W bulbs.		

BEAM PATTERN

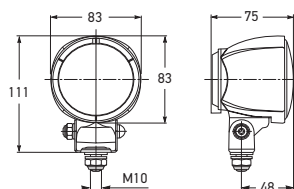


Close Range Micro DE Halogen Work Lamp

Compact Micro DE (Dixial Ellipsoid) Halogen work lamp for use in applications with limited mounting space. Concentrated close range illumination. Magnesium housing with U-shaped one point mounting bracket.



Part Number	1501	12 VOLT
Mounting	Upright or pendant.	
Power Consumption	55W	
Bulbs to Suit	12V 24V	YC1255 YC2470
Protection	IP 5K4K (Protection against dust and water splash)	
Spare Part	9HD 149 253-007	Plastic cap with cable
Not suitable for 100W bulbs.		



Part Number	1547	12 VOLT
	1547-24V	24 VOLT
	PENDANT MOUNT	
	1547-P	12 VOLT
	1547-P24V	24 VOLT

Mounting P/Ns 1547 and 1547-24V suitable for upright mounting with M10 fixing screw.
P/Ns 1547-P and 1547-P24V suitable for pendant mounting.

Power Consumption	12V - 55W 24V - 70W	
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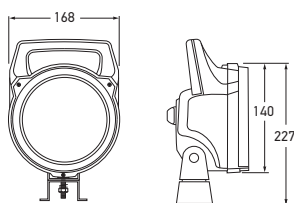
Bulbs to Suit	12V	YC1255
	24V	YC2470

Protection	IP 5K9K (Protection against dust and high-pressure/steam jet cleaning)	
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Not suitable for 100W bulbs.

Close Range Halogen Work Lamp

Compact Halogen work lamp with a Free-Form (FF) brilliant round reflector. The non-patterned lens reduces light scatter and provides close range uniform illumination of the work area. Reflector made from die-cast aluminium. The lamp's ingenious bracket design allows it to be swivelled 360°, as well as the normal lateral adjustment.



Part Number	1511	12 VOLT
	1511-24V	24 VOLT
	LONG RANGE	COMBINATION RANGE
	1512	1513

Mounting Full swivel four point fixing bracket for mounting on flat or slightly curved surfaces.

Power Consumption	12V - 55W 24V - 70W	
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Bulbs to Suit	12V	YC1255
	24V	YC2470

Protection	IP 5K4K (Protection against dust and water splash)	
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Spare Parts	9.1511.01	Close range insert
	9.1511.06	On-off rotary switch
	9.1511.08	Mounting bracket assembly
	9.1512.01	Long range insert
	9.1513.01	Combination range insert

Not suitable for 100W bulbs.

Close Range Halogen Work Lamp

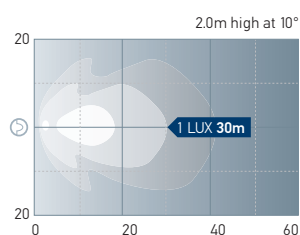
Work lamp with handle and switch. Black fibre-glass reinforced plastic housing with extended edge to protect lens.



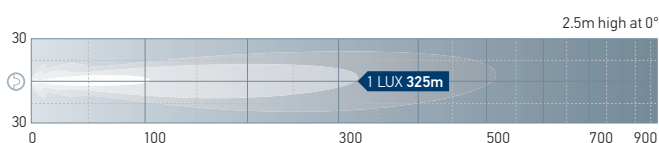
P/N 1512

BEAM PATTERNS

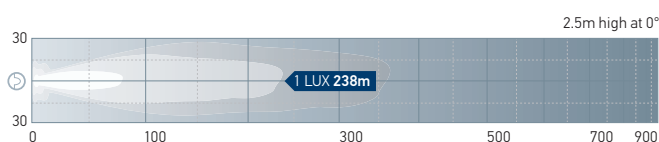
P/N 1547



P/N 1512 - Long Range

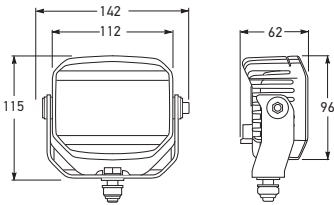


P/N 1513 - Combination Range



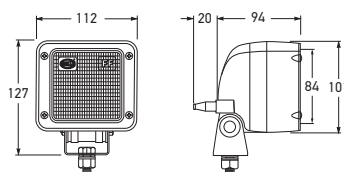
Power Beam 1000 LED
Reversing Lamp

LED reversing lamp features 6 LEDs providing consistent illumination with 12 or 24V systems.



Part Number	1551-RE	
Mounting	Upright or pendant. Lamp inclination of 27° downwards.	
Voltage	Multivolt™ for optimum brightness at input voltages from 9 to 32 volts.	
Power Consumption	<18W	
Light Output	850 lumen	
Protection	Reverse polarity and 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	Supplied with 2.5m of sheathed twin core cable and DT plug.	
Spare Part	9.1549.05	Plug and lead
Compliance	(E) 36160	



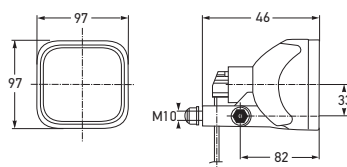


Part Number	1533-RE24V	24 VOLT
Mounting	Suitable for upright horizontal mounting. Single M10 mounting bolt with tilt adjustment. Inclination has to be 12° downwards.	
Power Consumption	70W	
Bulbs to Suit	12V 24V	YC1255 YC2470
Protection	IP 6K4K (Protection against dust and water splash) IP X9K (Protection against high-pressure jets)	
Spare Parts	9.1533RE.01 9.1533.05	Insert Plug and lead
Compliance	E12 23005	

Fully compliant with 3rd edition ADR 1/00 reversing spot lamp. Not suitable for 100W bulbs.

Reversing Spot Lamp

Reversing spot lamps with 70W bulb, approved for use in New Zealand. Provides maximum visibility of the rear and/or sides during reversing manoeuvres. Equipped with die-cast aluminium Free-Form (FF) reflector and patterned glass lens for a broad and uniform illumination without harsh contrasts. Sturdy design and shock-proof plastic housing.



Part Number	1502-RE24V	24 VOLT
Mounting	Upright.	
Power Consumption	21W	
Bulbs to Suit	12V 24V	R1221 R2421
Protection	IP 6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Compliance	E4 23262	

Reversing Spot Lamp

ECO 21 reversing spot lamp with economical 21W bulb. Approved for use in New Zealand.

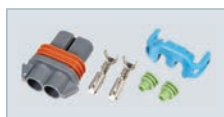


HID Gas Discharge Power Pack - G3

HID gas discharge power pack to suit Generation 3 (G3) work lamps and headlamps. For D2S and D2R bulbs.



Part Number	5DV 007 760-631	12 VOLT
	5DV 007 810-171	24 VOLT
Spare Part	9.1534.05	2 pin connector, terminals and seals.



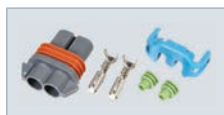
P/N 9.1534.05

HID Gas Discharge Power Pack - G3

HID gas discharge power pack with alloy mounting bracket. To suit Generation 3 (G3) work lamps and headlamps. For D2S and D2R bulbs.



Part Number	9.1534.03	12 VOLT
	9.1535.03	24 VOLT
Spare Part	9.1534.05	2 pin connector, terminals and seals.
See page 99 for HID headlamp power packs.		



P/N 9.1534.05

HID Gas Discharge Power Pack - G4

HID gas discharge power pack with plastic mounting bracket. To suit Generation 4 (G4) work lamps and headlamps. For D1S and D1R bulbs.



Part Number	9.1534G4.03	12 VOLT
	9.1535G4.03	24 VOLT
Spare Parts	9.1549.05	Deutsch plug and 2.5m sheathed cable
	9.1534G4.06	Ballast lead - 1m
	9.1534G4.07	Ballast lead - 3m
See page 99 for HID headlamp power packs.		

WORK LAMPS

Part Number	9.1530.07
To Suit	P/Ns 1533, 1534, 1535, 1540, 1541, 1542 and 1551.

Stainless Steel Bracket Assembly

Upper and lower stainless steel bracket and lamp mounting bolt. Suitable for 42mm wide lamp mounts.



Part Number	9.1533.08
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Pedestal Bracket

Pedestal swivel bracket to suit most work lamps.



Part Number	9.1531.08
Mounting	Pipe socket mounting system. Allows work lamps be to be mounted on vehicles and removed again quickly.
Features	Integrated power feed is via the pipe socket. No separate wiring is necessary for the work lamp. Tightening the wing nut attaches the pipe socket attachment tightly to the base. Suitable for P/Ns 8007, 8007FM, 8007RA and 8008.
To Suit	P/Ns 1533, 1534, 1535, 1540, 1541, 1542 and 1551.

Ultra Beam Pipe Socket Base

Suitable for applications that require a removable work lamp.



Part Number	9.1533.05
To Suit	P/N 1533

Plug and Lead

AMP - 2 pin plug and 150mm cable.



Part Number	9.1520.07
To Suit	P/Ns 1520, 1521, 1522, 1523, 1524 and 1525.

Spiral Cable Complete Plug

Plug and 2m extendable sheathed cable.



Part Number	9.1549.05
To Suit	LED and HID work lamp P/Ns 1551, 1551-RE, 1556, 1557 and 1559.

Plug and Lead to Suit LED and HID Work Lamps

2 pin Deutsch plug and 2.5m sheathed cable.

