

Rear lights

Signal, Visibility & Electrical Accessories



Adjustable signal rack

- Delivered wired, assembled and ready for use.
- Galvanized tube 30 x 10 mm. 2 lights with bulbs (12 volts).
- Stopping and indicator lights.
- 2 reflective triangles mounted on stand.
- 1 power cable 7.50 m with 5 conductors (fitted with plastic 7 pin plug).
- 2 adjustable fixing brackets (with nuts).
- Extensible and adjustable.
- Adjusting the width.
- Min: 1 m. Max 1.60 m, having 6 holes placed every 10 cm.
- Driving regulations: mandatory for trailers or towed devices.

490190



Magnetic signaling kit

- Stopping lights and change of direction lights.
- For use on all types of vehicle or towed equipment.
- Rapid attachment using magnetic device.
- Allows good signaling.
- 2 round magnetic studs, Ø 80 mm screwed to support.
- Fitted with 2 lights supplied with bulbs.
- Break-proof cover. 7 metre connection cable.

545973



Trailer socket

Female socket metal	166347
Male socket plastic	18992



Electric socket mount

Fixed to the back of the vehicle, this mount allows easy installation of a female trailer socket.

206047



Yellow side reflector (TÜV)

194512



Red back reflector (TÜV)

184964



Rear light

MCE, MCL, MC...CP, M2, M4

- Dimensions: 160 X 60 X 50 mm
- 3 functions: parking, stop and flashing
- Operates with bulb (not supplied):
12 V - 5 W (Ref. 163 825)
12 V - 21 W (Ref. 675)

Right rear	163783
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Left rear	163782
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Standard light

- Right or left.
- Dimensions: 145 X 105 X 60 mm
- 3 functions: parking, stop and flashing
- With license plate light.
- Operates with bulbs (not supplied):
12 V - 21 W (Ref. 675),
12 V - 5 W (Ref. 163825)

894814



Rear light MRT 1850

- Dimensions: 190 X 105 X 60 mm
- 5 functions: stop, parking, flashing, reverse and plate light.
- Operates with bulb (not supplied):
12 V - 5 W bulb (Ref. 163 825),
12 V - 21 W bulb (Ref. 675)

Right rear	587421
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Left rear	587422
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Independent reverse light

- Dimensions: 80 x 120 x 55 mm.
- Operates with bulb (not supplied):
12 V - 21 W (Ref. 675).

236148



Taillight

Full taillight for MRT, MT and MLT

- Right and left
- Dimensions: 350 mm in length
- 5 functions: position, stop, flashing, anti-fog and recoil
- Works with bulbs (not included):
12V - 21W (item 675)
12 V - 10 W (Ref 179 413)

661973



PRIVILEGE Rear light

- Dimensions 225 x 122 x 73 mm.

Right - includes reversing light (white)	259356
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Left	259357
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Front lights

Signal, Visibility & Electrical Accessories



Front headlight for Manitou MLT / MT machine

- Optical lens for wide beam, long range light.
- Housing and rim in glass fibre reinforced black material.
- Dimensions: 90 x 150 mm.
- Operates with bulb (not supplied): H3 12 V - 55 W (Ref. 164 378)

Front right and rear left machine light	223595
Front left and rear right machine light	223596



Light with protective gate

Light secured by a protective steel gate.

Front right	197475
Front left	197476



MLT / MT front light

- Front light with integrated indicator.
- Operates with bulbs (not supplied):
H3 12 V - 55 W (Ref. 164378)
12 V - 2 W (Ref. 20996)
H7 12 V - 55 W (Ref. 563881)
12 V - P21 W (Ref. 563882).

Front right	Right-hand drive	224580
Front left		224581
Front right	Left-hand drive	224582
Front left		224583



Front light for Manitou MLT / MT 14-18 m machines

Front right	Right-hand drive	265415
Front left	Left-hand drive	265416



THE BEST LIGHT FOR THE BEST USE.

HELLA's continuous improvement in their light development has a big impact on the efficiency and the performance of their lighting products. The close link between HELLA and MANITOU brings the newest lighting technologies to the vehicles and in the later stages a big benefit for the drivers.

One of the most interesting product highlights is definitely the Thermo Pro series of HELLA. These new lamps come with a thermal conductive plastic housing, which benefits from total corrosion resistant but also a more flexible mounting situation and a better vibration resistance, due to the lower weight. The new Oval 100 LED compact comes in various mounting possibilities and offers powerful 1850 measured lumens with a

low power consumption of just 26 watt. For mounting situations with less space, the Module 70 LED TP is a good alternative. This work lamp offers the benefit of the Thermo Pro housing and has a swivel mounting base, which allows full flexibility in regards of mounting angles. This lamp has 800 measured lumens, which is a very good alternative to old halogen lamps and has a super low power consumption of just 13 watt.

These are just two examples of the high variety of HELLA LED work lights. HELLA's mission is to allow the workers to perform at their highest level, even at night. The LED worklights generate daylight working conditions, which improves the work efficiency and has a positive effect on the working safety.

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Working lights

Signal, Visibility & Electrical Accessories

Manitou **WORK LIGHTS**

To ensure that you can carry out your work in the best conditions, we have chosen a range of models that offer wide and uniform illumination. For greater security and comfort. Optimized light intensity makes it possible to carry out work at dusk or in total darkness, **which means more cost efficiency and less fatigue for your organization!**

Xenon work light technology:

Optimal efficiency:

- **Xenon work lights** have a stronger light intensity.
- Illumination is more even and closer to daylight.
- They illuminate **three times** more than **conventional floodlights**.

Guaranteed savings:

- **Lower energy consumption:**
- Xenon technology gives you a higher luminous flux than a standard bulb using less power. Light appears immediately after turning on the lights.
- **Longer service life:** the lifetime of your lights is longer than that of standard floodlights.



Round and compact LED work light

- 8 LEDs - 850 Lumen
- Glass reinforced glass
- Immersion sealing / high pressure washing = IP 68 / 69K
- Deutsch high strength connector
- Multi voltage 12V to 24V = Plug & play installation
- Effective lighting at 46m to 1 lux *

* 1 lux will produce enough light to read small print after dark

959692



LED work light blue, for use in poultry sector

Powerful and compact LED work light specially developed for the poultry business.

- 12 LEDs - 850 lumen
- Deutsch high strength connector
- Multi voltage 12V to 24V = Plug & play installation
- Effective lighting at 42m to 1 lux
- Low power consumption: 11W / 0.46 amp at 24V

4 years warranty

959691



LED work light with lateral fixation

- Consumption 25 W, 9-33V. 1700 Lumens
- Life expectancy greater than 30,000 hours.
- Polyamide body
- Fixing Ø M10 for mounting.
- IP69K (resistance to high pressure washes).

52540901



LED work light

- Consumption 25 W, 12-24V. 1700 Lumens
- Life expectancy greater than 30,000 hours.
- Aluminum body.
- Fixing Ø M10 for mounting.
- IP69K (resistance to high pressure washes).
- Dimensions 1530 X 130 mm.

525402273



Round LED work light

- Consumption 13 W, 12V. 800 Lumens
- Life expectancy greater than 30,000 hours.
- Fixing Ø M10 for mounting.
- IP69K (resistance to high pressure washes).

52536784



Led mining work light

- Immersion sealing / high pressure washing = IP 68 / 69K
- Deutsch high strength connector
- Multi voltage 12V to 100V = Plug & play installation
- Excellent ratio consumption / lighting area: Effective lighting at 82m to 1 lux for 57W (2.15 amp at 24V)

4 years warranty

959693



Headlight Led left homologue

- 100% LED approved road light (position light, crossing, road, turn signal, repeater)
- Immersion sealing / high pressure washing = IP 68 / 69K
- 12V with module = no need to change the central halogen flashing
- Low consumption: 22W road / 32W crossover

Warranty 4 years

Can replace the halogen reference 265415

Not suitable for tractor approval

Lighthouse Led Left counterpart	52562043
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Lighthouse Led Right counterpart	52562044
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Beacons

Signal, Visibility & Electrical Accessories



LED beacon

- 10 high power leds
- 10/30 V
- IP69K
- European homologation ECE R10
- Life expectancy greater than 30,000 hours

LED beacon with flat base, to fix.	959585
LED beacon with flat base, magnetic version.	959586



Beacon 12/24 SSW

- 12/24 V
- 17W
- IP56
- European homologation ECE R10 and ECE R65
- Life expectancy greater than 30,000 hours
- 3 operating modes

LED beacon with flexible shaft	52532193
LED magnetic compact beacon	52532154



Rotating beacon light

- Rotating beacon light 12 V.
- Operates with light (supplied) H1 (Ref. 466247).
- Direct drive of rotation by bevel gear.
- Pin mounted.

Rotating beacon light	224759
Replacement lens	661502



Rotating beacon light flexible ball

- Rotating beacon light 12 V.
- Orange unbreakable polycarbonate lens.
- Flexible robust base.
- Operates with bulb (supplied) H1 (Ref. 466 247).

Rotating beacon light	895507
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Rotating light for MRT series

- Operates with bulb (not supplied) H1 12 V - 55W.

Orange rotating beacon light	543513
Red rotating light	672119
Red replacement lens	672305
Bulb H1 12 V-55 W	466247



Ellipse rotating light

- Magnetic base.
- Energy saving (- 60%).
- Innovative design and technology.
- Compact size.
- Best value for money.

Magnetic	788169
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Flashing light

To provide better safety in fog.

- High brightness 360° flash.
- Orange lens.
- Flat mounting with screw.

With bulb 12 to 80 V. With lens Ø 80 mm.	554947
With bulb 12 to 80 V - 2 W - Lens Ø 100 mm	573389

Lights & Horns

Signal, Visibility & Electrical Accessories



Independent indicator light

For MT

- Dimensions: 90 x 60 x 55 mm.
- Operates with bulb (not supplied): 12 V - 21 W (Ref. 675).

Right	551322
Left	551814



Standard round indicator light

- Dimensions : Ø 75 mm.
- Depth 50 mm.
- Operates with bulb (not supplied): 12 V 21 W (Ref. 675)

Base	296523
Lens	296524



Case 2 Magnetic Led Tags

- Led lighting visible at 200 m and 360 °
- Positioning on all metal surfaces
- 9 flash positions possible
- Autonomy of 6 hours and more depending on the mode
- 12V power plug and cigarette lighter

959338



Electronic reversing alarm with loudspeaker

- Original part for construction machines.
- No delay
- Voltage: 12 to 24 V
- Sound level (2m): 91 dB minimum. Temperature range -40°C to +85°C.
- Consumption: 6 A.

76925



Vehicle horn

- Voltage: 12 V.
- Sound level (2m) : 107 dB minimum.
- Frequency 410 Hz.
- Temperature range -40°C to +85°C.
- Consumption: 5.5 A.

20125



Buzzer

- Voltage: 12 V.
- Sound level (25 cm) : 65 dB.
- Temperature range -40°C to +85°C.
- Consumption: 1.5 milliamperes.

176737

Lamps & Bulbs

Signal, Visibility & Electrical Accessories



Bulb Code / Light EC (white)

Bulb 12V - 45/40W	32058
Bulb 24V - 55/50W	5852T



Bulb pear single filament (sold in pack of 2)

Bulb 12V - 21W	675
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Halogen bulb H1

Bulb H1 12V - 55W	466247
Bulb H1 24V - 70W	466248



Halogen bulb H3

Bulb H3 12V - 55W	164378
Bulb H3 24V - 70W	485235



Halogen bulb H4 and H7

Bulb H4 12V - 55/60W	489668
Bulb H7 12V - 55W	563881

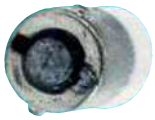


Bulb pear double filament

Bulb 12 V - 21/5W	31867
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Advice

Please also see p. 94, for our personnel safety equipment.



Warning light bulb

Warning light bulb 12V - 1.2W	170836
Warning light bulb 12V - 3W	474784
Warning light bulb 12V - 4W	20996
Warning light bulb 24V - 4W	111727



Festoon bulb

Festoon bulb 12V - 5W	676
Festoon bulb 12V - 10W	746490
Festoon bulb 12V - 18W	172995



Sidelight bulb

Sidelight bulb 12V - 5W	163825
Sidelight bulb 12V - 10W	179413



Bulb box

Contens :

- H7 halogen lamp
- H3 halogen lamp
- 12V-21W single filament bayonet lamp
- 12V-5W tubular lamp
- 12V-10W single filament round lamp
- 12V-PY21W front indicator bulb
- 12V-1.2W bayonet lamp
- 3 mini fuses (7.5, 10, 15 A)
- 3 ATO fuses (7.5, 10, 15 A)

959200

