



LED Work Lights in thermally conductive plastic

Innovative design and highest quality

CERMALUX®



LED work light in thermally conductive plastic

Small, compact and highly durable

Developed for highly corrosive environments

Welcome to the new family member in the ERMAX rear- and work light range. A new work light with the same compact design as the current well-known ERMAX work light range with aluminium housing, but now upgraded with a housing made of heat-transporting composite plastic. A feature that makes it highly suitable for use in corrosive environments.

The ERMAX work light range fulfils the highest demands for quality, functionality and reliability. The innovative LED technology ensures a long life-time, energy efficiency and high capacity – with maintenance and standstill times all reduced to a minimum.

ERMAX work lights are suitable for all applications, where efficient high-quality light is essential for working productively and safely – day and night – even for extended periods.

The material used fulfils all demands for high stability and impact-resistance against shock, vibration, dirt and moisture.

High quality and suitable for demanding tasks.

ERMAX work lights – why ?

1 Strong lens – unbeatable

Strong, impact-resistant lens made of polycarbonate moulded into the housing.

2 Clear lens

Less loss between the theoretical and effective lumen due to the clear lens.

3 High Power LEDs

Long-life LED technology – LEDs with extremely long life-times of up to 50,000 hours.

4 Usable everywhere

Compact design means lots of flexibility in the field for mounting options.



Light distribution 5

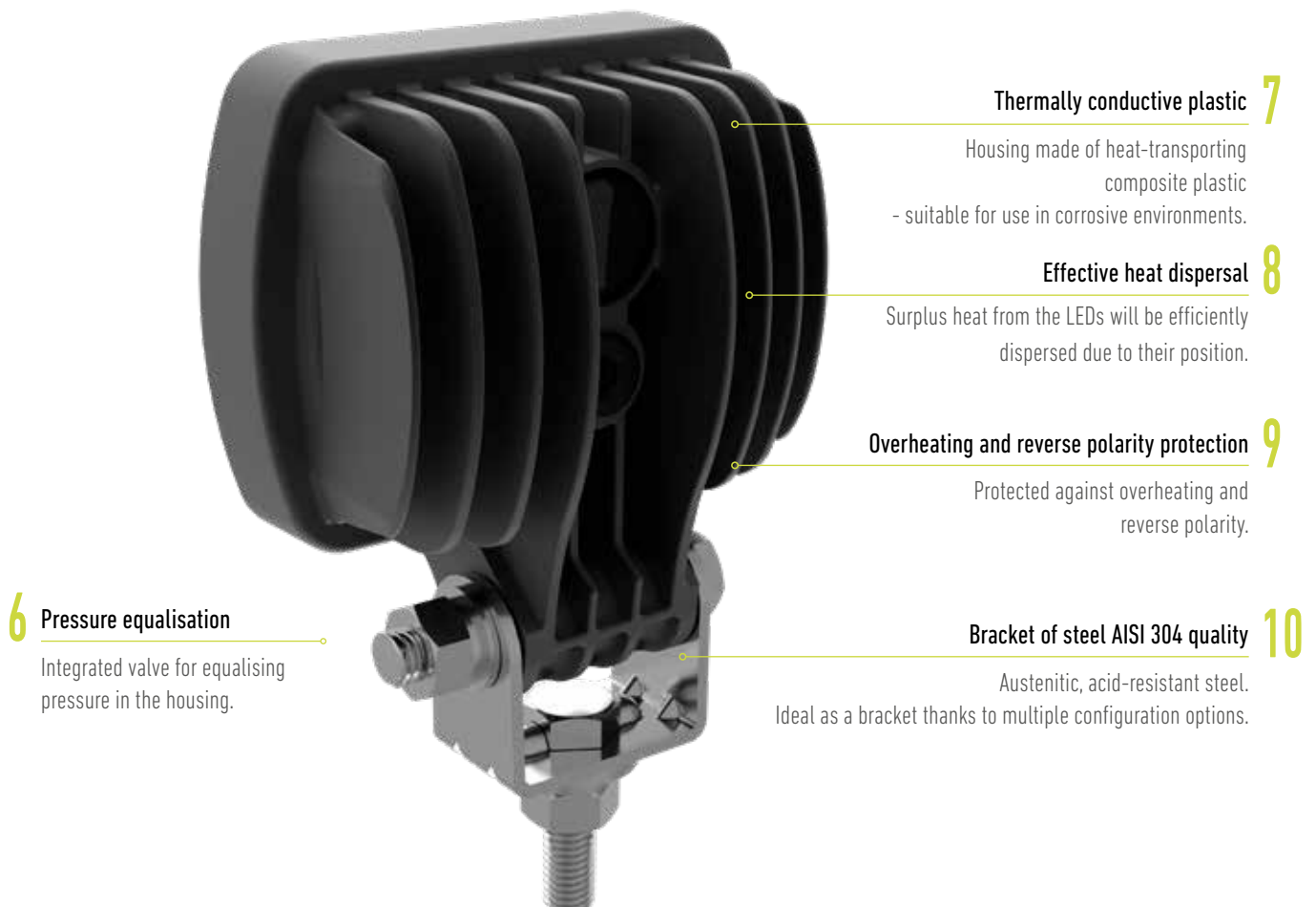
Reflectors specifically designed to optimise brightness.

Modern light and LED technology

Work safer and more productively in clear light

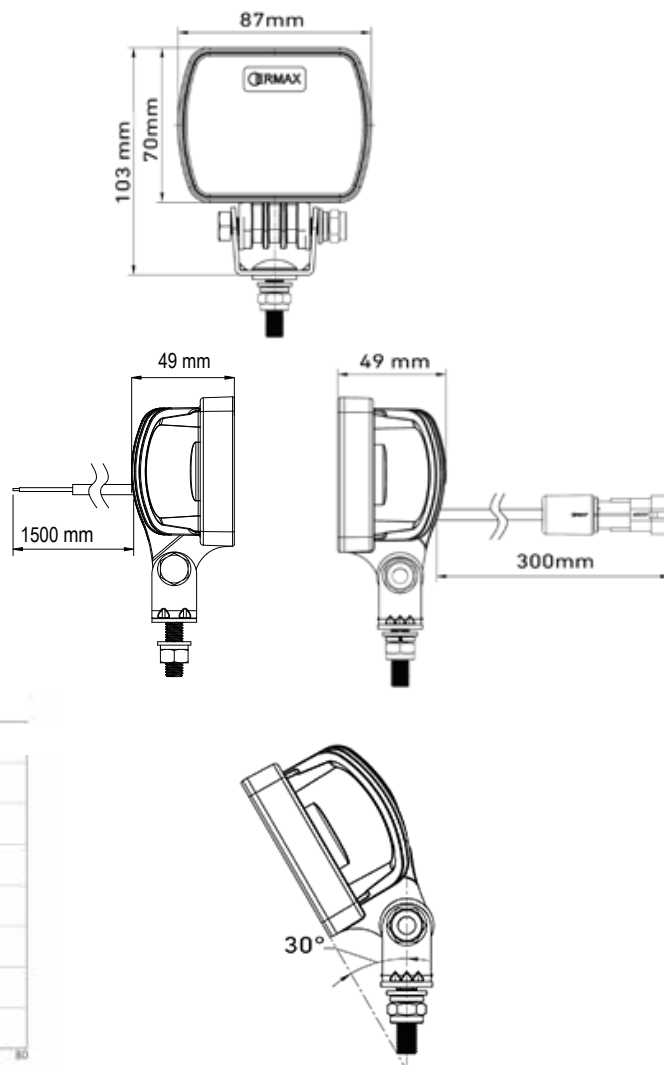
Highlights

- Innovative development, design and the highest product quality
- The most modern light and LED technology – high light performance and homogeneous distribution
- Strong polycarbonate impact-resistant lens
- Less loss between theoretical and effective lumen due to the clear lens
- Compact design – can be mounted and used anywhere
- Can be used as reversing light (ECE -R23) with 30° angling on vertical mounting
- High light output and homogeneous light distribution
- Unsurpassed durability and first-class tested OEM quality

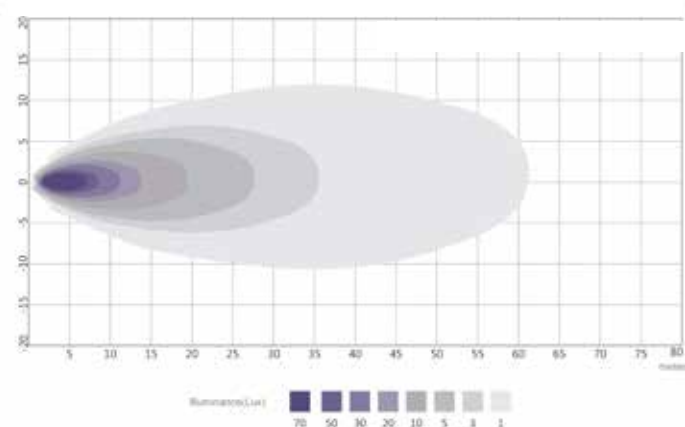


LED Work Lights – Housing made of thermally conductive plastic

Lumen: 1,600



Illumination



Bird's eye view 1.2 metres above the ground with an incline angle of 5°

Approved as reversing light
- with 30° tilt when vertically-mounted

- Particularly suitable for use in highly corrosive environment
- Housing material: Thermally conductive plastic



Voltage	Consumption	Connection	Cable length	Light source	Lumen, theoretical/effective	Light pattern	Article no.
12/24 V	16 W	Open end	1,500 mm	9 x high power LEDs	1,600/1,200	Flood	098 174 290
12/24 V	16 W	Super Seal plug	6,000 mm	9 x high power LEDs	1,600/1,200	Flood	098 174 293
12/24 V	16 W	Super Seal socket	300 mm	9 x high power LEDs	1,600/1,200	Flood	098 174 295
12/24 V	16 W	Integrated Deutsch (DT2) socket	--	9 x high power LEDs	1,600/1,200	Flood	098 174 297

A supplement to a strong family

Variants with aluminium housing

LED Reversing light 098 256 25x

Lumen 650

Lens: Impact-resistant Polycarbonate

Housing: Aluminium

Connection: Open-end,
Super Seal socket/plug



LED work lights 098 174 25x

Lumen 800

Lens: Impact-resistant Polycarbonate

Housing: Aluminium

Connection: Open-end,
Super Seal socket/plug



LED work lights 098 174 26x

Lumen 1,600

Lens: Impact-resistant Polycarbonate

Housing: Aluminium

Connection: Open-end, Super Seal socket/plug,
Deutsch DT2 socket

* Approved as reversing light (ECE-R23) with 30° tilt vertically-mounted



LED work lights 098 174 27x

Lumen 2,400

Lens: Impact-resistant Polycarbonate

Housing: Aluminium

Connection: Open-end, Super Seal socket/plug,
Deutsch DT2 socket

* Approved as reversing light (ECE-R23) with 35° tilt vertically-mounted



This type is also available with handle and on/off switch.

LED work lights 098 174 28x

Lumen 3,200

Lens: Impact-resistant Polycarbonate

Housing: Aluminium

Connection: Super Seal socket, Deutsch DT2 socket



Technical specifications – common to all variants

- Impact-resistant lens made of polycarbonate
- Housing made of aluminium, painted black (anti-corrosion layers)
- Housing made of composite plastic – heat-transporting *
- Mounting bolts M8/30 mm
- Mounting bracket made of stainless steel, AISI 304 quality
- Temperature range -40 °C to +65 °C
- Floodlight pattern
- Colour temperature 6,500 0Kelvin
- IP Rating IP69K
- Overheating and reverse polarity protection
- ADR and EMC/R10 approved
- ECE-R23 approved (098 174 26* and 098 174 27*)

* 098 174 29x range only

ERMAX Work Lights – suitable for every application

Commercial, agriculture & forestry and off-road vehicles

ERMAX work lights are suitable for all applications where efficient high-quality light is essential for working productively and safely – day and night – even for extended periods.



Trucks and special vehicles

Work is often done in darkness, when safety requires a well-illuminated working area.



Trailers

Work lights are often mounted at the front, at the back or on the side of a trailer to ensure maximum safety when loading and unloading.



Agricultural and forestry

Work is often interrupted and can last for many hours – day and night – the working area must be illuminated in the best possible way.



Off-road

Tough working conditions demand good lighting – with long life and highest light performance.

Easy installation and adjustment of cable length

Various connection options

ERMAX work lights are available with various connection options: connection cable with Open-end, Super Seal socket/plug or Deutsch (DT2) socket integrated into the light.

For variants with Super Seal socket or plug, Ermax always offers a standard cable length of 300 millimetres to the first plug connection. Cable length can be adjusted to requirement by a standard extension cable or adapter cable. This ensures optimum ease of maintenance.

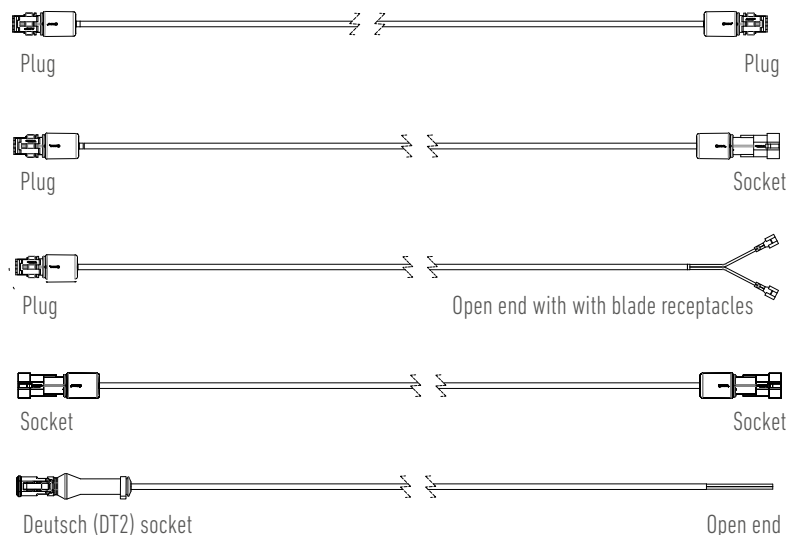
The large variety of cable solutions ensures the best installation without having to adjust cable length.

Connection/extension options

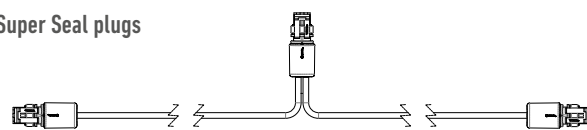


Connection:
Super Seal socket
Super Seal plug
Deutsch socket (DT2)

Extension cable with Super Seal connection

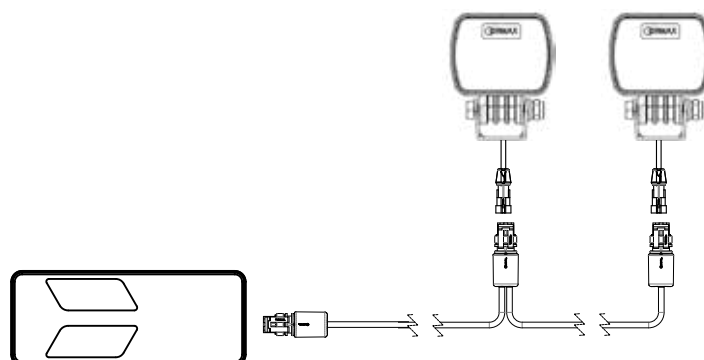


Y-Adapter with 3 x Super Seal plugs



Reversing light connected in series

- connected by a side cable with 1 inlet and 2 outlets with Super Seal plugs



2 x ERMAX reversing or work lights can be connected to an ERMAX tail light (max. 52 W)

Brands of the BPW Group:



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