



BRIEF INFORMATION

Q90 LED

- World premiere – Thermo Pro series
- Innovative compact worklight
- For universal use.

PRODUCT FEATURES

The Q90 LED is a robust worklight in a universal, attractive design. The innovative thermally conductive synthetic material housing also features cooling fins which ensure the required heat dissipation from the four high-power LEDs. Along with weight reduction, the new material also offers the advantage of complete corrosion resistance. The Q90 LED is the first worklight from the Thermo Pro series, which will have more worklights added to it in the near future.

The light output from the four high-power LEDs is an impressive 1,200 lumens. The light is distributed by a specially developed multi-faceted reflector, thus ensuring homogeneous illumination. Thanks to different lenses, this worklight can be used for close-range and long-range illumination. Its consumption is just 25 watts of power.

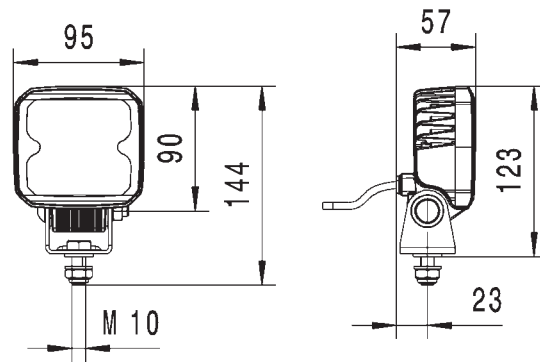
With a color temperature of 6,500 kelvin, the light from the LED worklight is very similar to daylight. This helps to distinguish colors more easily in the dark, and thus facilitate the human eye's sensory perception task. In turn, this prevents the eyes tiring quickly during work at night.

TECHNICAL DETAILS

Technical Data

Operating voltage / Rated voltage	9–33 V
Light source type	4 high-power LEDs
Power consumption	25 W
Light output	1,200 lm
Color temperature	6,500 kelvin
Protection class	IP 6K9K, IP 6K7
Type approval	Ⓜ, ECE-R10
Housing	Thermally conductive plastic
Light exit element	90 x 90 mm

Dimensional sketch



RANGE OVERVIEW

1GA 996 283-...

Close-range illumination

x

–

Long-range illumination

–

x

Upright installation

x

x

Suspended mounting

x

x

Swivel base

x

x

Recommended angle of inclination

12°

5°

Electrical connection

500 mm cable

500 mm cable

IP 6K9K

x

x

IP 6K7

x

x

Protected against overheating

x

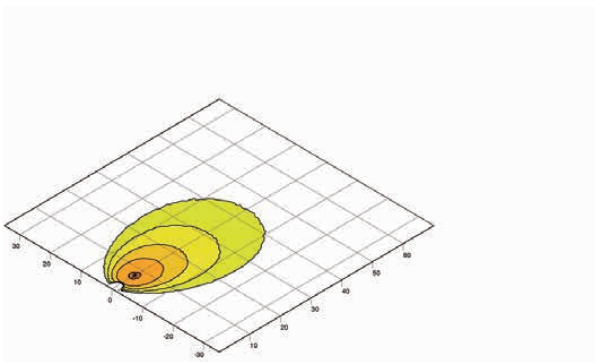
x

Polarity reversal protection

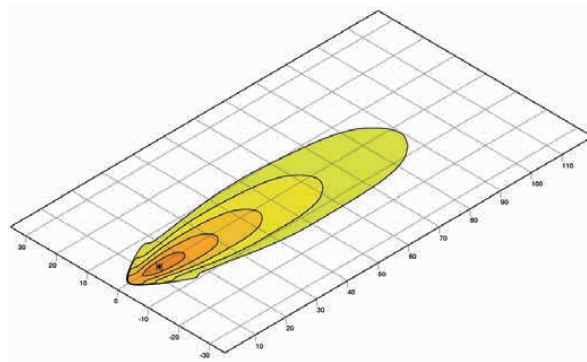
x

x

LIGHT DISTRIBUTION



Close-range illumination



Long-range illumination

lux >= 0 1 2 4 8 16