# LEDLENSER

## PRODUCT DATA SHEET
## HF6R Work

# HF6R Work

## PRODUCT DESCRIPTION

The Ledlenser HF6R Work is our slim headlamp for regular industrial and trade applications. It comes with a high-quality aluminum housing, three brightness levels and a red front light. Apart from that, the HF6R Work is equipped with a high color rendering index for close-range work. Thanks to our patent-pending Digital Advanced Focus System, the HF6R Work allows virtually seamless focusing. The digital AFS can be used intuitively via Focus Wheel. Protective elements at the front prepare the lamp for demanding applications – thanks to its powerful battery, you can use the HF6R Work for up to eight hours at mid-intensity. Other features include the wall holder as well as various mounting options on helmets.

- Slim, rechargeable headlamp with three brightness levels as well as red front light
- Virtually seamless focusing thanks to our patent-pending Digital Advanced Focus System; intuitive-to-use Focus Wheel
- Protective elements at the front for high impact resistance; suitable for continuous immersion in water (IP68)
- Powerful battery; easily rechargeable via Magnetic Charge System, with battery status indicator
- Flexible thanks to rubberized headband and additional helmet mount and wall holder

## TECHNICAL DATA

| | |
|---|---|
| Weight incl. batteries [g] | 134 |
| Focus function | Yes (digital) |
| Head material | Aluminum alloy + PC |
| Tube material | Aluminum alloy + PC |
| Optic | Plastic lense (PMMA) |
| Headband material | Elastic fabric |
| Headband type | Side headband |
| Head movement type | Stepless movement |
| Head movement angle [°] | 45 |
| Headband specifications | Detachable, Elastic, Rubberised back, Washable |

## POWER SUPPLY

| | |
|---|---|
| Power source type | Rechargeable battery |
| Battery quantity | 1 |
| Battery type | Li-ion |
| Battery replaceable | No |
| Total battery voltage [V] | 3.7 |
| Total battery capacity [mAh] | 2000 |
| Total battery energy[2] [Wh] | 7.4 |
| Rechargeable | Yes |
| Charging time[5] [min] | 225 |
| Energy status indicator | Battery Indicator, Charge Indicator, Low Battery Warning |

## FURTHER SPECIFICATIONS

| | |
|---|---|
| IP class | IP68 |
| Drop test (drop height) [m] | 2 |
| Working temperature range [°C] | -20 to +40 |

## LIGHT FUNCTIONS

Boost, Power, Mid Power, Low Power

## LIGHT SOURCE

| | |
|---|---|
| Amount LEDs | 3 |
| LED type | Xtreme LED |
| Color | White |
| Color temperature [K] | 4600 to 5400 |
| Color rendering index (CRI) | 80 |

## LIGHT VALUES

| | Boost | Power | Mid Power | Low Power |
|---|---|---|---|---|
| Light output[1] [lm] | 800 | 500 | 200 | 20 |
| Beam distance[1] [m] | 160 | 140 | 80 | 25 |
| Run time[1] [h] | | 3 | 8 | 60 |

## SWITCH

Front Switch, Rotary Switch

## FEATURES

Red Light, Memory Function, Transportation lock , Backup Mode

## TECHNOLOGIES

Temperature Control System, Magnetic Charge System, Digital Advanced Focus System, Cooling Technology

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## PACKAGING AND LOGISTICS



## PACKAGING INFORMATION

| | |
|---|---|
| Type of packaging | Box |
| Scope of delivery | Comfort Pad, Connect adapter, Magnetic charging cable (USB-C), Mounting material, Wall Mount |
| Item No. | 502798 |
| Customs tariff number | 85131000000 |
| Color | yellow |

## SINGLE PACKAGE

| | |
|---|---|
| Dimensions W x H x D [cm] | 7.2 x 21 x 8.5 |
| Gross weight [g] | 334 |
| GTIN-13 | 4058205031882 |

## EXPORT CARTON

| | |
|---|---|
| Unit | 24 |
| Dimensions W x D x H [cm] | 45.5 x 29 x 34 |
| Gross weight [kg] | 8.8 |
| GTIN-13 | 4058205031875 |

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## ACCESORIES

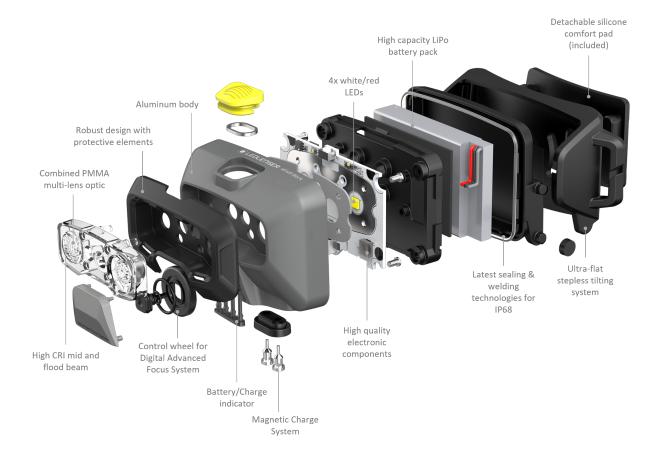| PRODUCT CATEGORY | ITEM NUMBER | PRODUCT NAME |
|---|---|---|
| Fastenings / Brackets | 503003 | Wall Mount Type D |
| Fastenings / Brackets | 502254 | Helmet Mount for Euroslot Type A |
| Fastenings / Brackets | 502256 | Universal Mounting Bracket Type E |
| Fastenings / Brackets | 502314 | Helmet Connecting Kit Type H |
| Pouches / Holster | 0332 | Pouch Type H |
| Charger / Cable | 502265 | Magnetic Charging Cable Type A |
| Charger / Cable | 502929 | USB-C Adapter 20W |

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# HF6R Work

## PRODUCT SERIES

The HF-series Work models are ideal companions for professional users. If you often work in the dark and need the best light for maintenance or repair work, our Work models will not disappoint. All Work headlamps are extremely robust, come with an additional red light as well as a high color rendering index for close-range work and can be attached to a helmet via a rubberized headband or an adapter and mounting system – all while allowing hands-free working.



High capacity LiPo battery pack

Detachable silicone comfort pad (included)

4x white/red LEDs

Aluminum body

Robust design with protective elements

Combined PMMA multi-lens optic

Latest sealing & welding technologies for IP68

Ultra-flat stepless tilting system

High quality electronic components

High CRI mid and flood beam

Control wheel for Digital Advanced Focus System

Battery/Charge indicator

Magnetic Charge System

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## FOOTNOTES

The information pertaining to scope of delivery, appearance, performance, dimensions and weight corresponds to the information available at the time of publication. In the interest of product development, we reserve the right to change scope of delivery, appearance, design and color without prior notice. Product images may vary from the actual products and may show optional accessories which can be purchased separately. Errors and omissions excepted.

1) Measurement values according to ANSI FL1 in the respective setting. If no setting is explicitly indicated, the values refer to luminous flux (lumens/lm) and lighting range (meters/m) on the highest setting, and to battery duration (hours/hrs/h) on the lowest setting. A boost function (if available) can be used several times, but only for short periods of time. If the light is equipped with (a) colored LED(s), the measurement values are given for the white light or the white LED. If the light has different energy modes, the measurement is made based on the "energy saving mode".

2) Calculated capacity value in watt-hours (Wh). This applies to the delivery state of the battery/ies inside the respective item, or for lights with rechargeable battery/ies, to the rechargeable battery/ies inside the product when fully charged.

5) Charging time varies by hardware used.

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