# LEDLENSER

— PRODUCT DATA SHEET
# HF4R Work (C90)

# HF4R Work

## PRODUCT DESCRIPTION

The Ledlenser HF4R Work is our slim and lightweight basic model for industry and trade. In addition to three brightness levels and a red front light, the HF4R Work is equipped with a high color rendering index for close-range work. The steplessly tilting lamp head provides flexibility. Protective elements at the front prepare the lamp for demanding applications – thanks to its efficient battery, you can use the HF4R Work for up to eight hours at mid-intensity. You can easily charge the integrated battery via Magnetic Charge System. Other clever features include the handy transportation lock as well as various mounting options on helmets.

- Slim headlamp with three brightness levels as well as red front light
- Bright and perfectly balanced light pattern; two light sources for short and long-range illumination
- Protective elements at the front for high impact resistance; suitable for continuous immersion in water (IP68)
- Efficient battery; easily rechargeable via Magnetic Charge System, with battery status indicator
- Mounting option on helmet via rubberized headband or enclosed helmet mount and adapter

## TECHNICAL DATA

| | |
|---|---|
| Weight incl. batteries [g] | 79 |
| Focus function | No |
| Head material | PC |
| Tube material | 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] | 1000 |
| Total battery energy[2] [Wh] | 3.7 |
| Rechargeable | Yes |
| Charging time[5] [min] | 180 |
| 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 | 2 |
| LED type | High Power 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] | 500 | 300 | 80 | 20 |
| Beam distance[1] [m] | 130 | 100 | 60 | 15 |
| Run time[1] [h] | | 2.5 | 8 | 35 |

## SWITCH

Front Switch

## FEATURES

Red Light, Transportation lock , Memory Function, Backup Mode

## TECHNOLOGIES

Temperature Control System, Magnetic Charge System, Fusion Beam

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## ACCESORIES

| PRODUCT CATEGORY | ITEM NUMBER | PRODUCT NAME |
|---|---|---|
| Fastenings / Brackets | 503002 | Wall Mount Type C |
| Fastenings / Brackets | 502256 | Universal Mounting Bracket Type E |
| Fastenings / Brackets | 502314 | Helmet Connecting Kit Type H |
| Fastenings / Brackets | 502254 | Helmet Mount for Euroslot Type A |
| 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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