

Ledlenser Launches HF-Series Headtorch with Automatic Beam Adjustment and Dual Power Options

Twelve models across four sub-ranges offer up to 1,200 lumens, integrated head-mounted power, and red and RGB light modes, in a light form factor of 93 grams.

UNITED KINGDOM, August 14, 2026 /EINPresswire.com/ -- [Ledlenser](https://www.ledlenser.com/) has announced the HF-Series, a range of compact headtorches that integrate the power source into the torch head rather than a rear battery pack. The range comprises twelve models and is aimed at applications including camping, hunting and fishing, home and vehicle maintenance, and general outdoor use. Pre-orders open now, with retail availability from 1 September.

Selected models operate on either a rechargeable battery or alkaline AAA cells, which the manufacturer positions as relevant for extended trips without access to charging. All models include a secondary red front light, and several add green and blue modes.

Features

1. Adaptive Light Beam - Available on selected models, the system automatically dims and adjusts beam focus. Ledlenser states the response is twice as fast and twice as efficient as the previous



HF4R-Pro

generation, with sensor sensitivity increased tenfold.

2. Digital Advanced Focus System - A digital focus ring allows manual adjustment between flood and spot beam patterns.

3. Dual Power Source - Selected models accept rechargeable or disposable batteries and support USB-C charging, including operation while charging.

4. Red and RGB modes - A red front light is fitted across the range to help preserve night vision. RGB models add green and blue output; according to Ledlenser, blue light assists in tracking blood trails and green light is intended to reduce disturbance to game.

5. Construction - All models carry an IP67 rating for dust and water resistance and incorporate recycled materials. A seven-year warranty applies on registration within 12 weeks of purchase; otherwise two years.



HF6R RGB



HF7R

Range breakdown

1. Core range (HF4, HF4R, HF6R, HF7R) - Spans the alkaline-powered HF4 through to the HF7R, which combines Adaptive Light Beam and the Digital Advanced Focus System with a stated maximum output of 1,200 lumens in boost mode and a 210-metre beam distance.

“

The HF-Series is all about freedom, a light that's small enough to forget you're wearing it, but powerful and clever enough to handle whatever the outdoors throws at you.”

Ludwig Zech, Global Head of Product at Ledlenser

2. RGB range (HF4R RGB, HF6R RGB, HF7R RGB) - Adds red, green and blue output with a camouflage housing, targeted at hunting and fishing.

3. Pro range (HF4R Pro, HF6R Pro, HF7R Pro) - Ships with additional accessories including helmet mounts and adapters for occupational use.

4. Signature range (HF6R Signature, HF7R Signature) - Features a grey metallic aluminium housing, a reflective headband, RGB modes and full Adaptive Light Beam functionality.

Availability

The HF-Series is available for pre-order at [ledlenser.co.uk](https://www.ledlenser.co.uk) and reaches retail stores on 1st

September.

About Ledlenser

Ledlenser is a German manufacturer of portable lighting products, producing LED torches since 2000. Its portfolio includes headtorches, hand torches, lanterns and work lights. The company offers a seven-year warranty on registered products.

Further information: www.ledlenser.co.uk

Media Links

[Images and logos](#)

[Full product specifications](#)

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¹ Average values; in some cases, deviations of $\pm 15\%$ may occur due to technical reasons.

² 7-year warranty with online registration for the respective product within 12 weeks of purchase; otherwise 2 years. Terms: ledlenser.com/en/infos-service/warranty.

³ Applies to all HF6R, HF7R, H9R, H19R models and the H21R. ⁴ Applies to all HF7R, H9R, H19R models and the H21R.

⁵ HF4 & HF4R: 100% recycled textile. All other models: front housing 100% recycled aluminium, headband 100% recycled textile.

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