

DIABLO

Headlamp

LAGO

A beam specifically developed for fast walking, constant white or red lighting with one or two batteries, the ideal lamp for outdoor operations.

Function Selector

Lighting mode side switch, morse and permanent, with «red priority» safety catch to avoid inadvertent selection of white lighting.

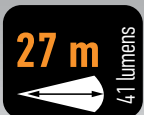
Red White

2 light beams: enlarged medium white designed for fast walking and focused red for map reading and night vision research.

Constant Lighting

Constant lighting power during full discharge time with 1 or 2 batteries.

Video tutorial



Uniform light flow and specific beam for fast-walking



20h continuous operating time, including 17h30 of constant lighting



Constant lighting + last-resort reserve



Light with 2 batteries: 110 g
Ultra light with 1 battery: 86g



Weather and dust resistant



Excellent resistance shock and crushing



Upward swiveling beam and down



Emergency reserve



Clippable on SHROUD helmet and MOLLE system

Designer and manufacturer, Lagolight offers solutions of portable lighting for professionals

Not just a lamp, this is a tool



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Lighting – Functions

Reference: LD0101

- Red light: 1 Osram Osconiq mid-power red LED.
Red lighting preserving the night vision and the natural dilation of the pupil.
"Red lighting priority" safety catch, to avoid accidental white lighting by handling error.
Thin beam for precise and discreet red lighting, card reading, search in the bag ...
- White light: 1 Osram Osconiq high-power white LED.
Color temperature: 4000/5000 Kelvin. Color rendering index: 72 in typical (70 minimum).
Constant lighting regardless of the battery charge. Identical power with 1 or 2 batteries.
• **41 lumens.** ^(a) ^(a) ANSI FL1 Standard measures
• Lighting distance: 26.6 meters. ^(a)
- Progressive mid beam:** progressive uniform type optics specially developed for fast walking in rough terrain in partnership with Gaggione, favoring:
• Wide ground and horizontal lighting for a perfect peripheral vision of obstacles.
• Lighting in the extension of the gaze for semi-distant vision for the rapid search for the path to follow.
• Lighting projected on the ground uniform and without hot spot for optimum visual comfort and without fatigue.
- Functions: Separate control between the function selector and the lamp on/off switch (upper central button).
Side function selector with priority for red lighting (can be operated with gloves):
• OFF position: lamp off (upper button inoperative).
• Position 1: **red Morse** by pressing the upper button with pulses.
• Position 2: **permanent red constant lighting** by pressing the upper button on / off.
• Position -1 with safety catch: **white Morse** by pressing pulses on the upper button.
• Position -2 with safety catch: **permanent white constant lighting** by pressing the upper button on / off
- Light case: Light case **silently orientable 170°** (up and down) with one hand.

Energy – Operating time

^(a) ANSI FL1 Standard measures

Works with 1 or 2 LR6/AA alkaline 1.5V batteries. Identical power with 1 or 2 batteries.
Operating time in white continuous lighting with 2 batteries: 20h ^(a) (including 17h30 in CONSTANT lighting).
Operating time in white continuous lighting with 1 battery: 7h15 ^(a) (including 5h50 in CONSTANT lighting).
CONSTANT white lighting by fractional 1h by 12h with 2 batteries: 20h30mn (operating time greater than 25h by cumulative periods).
CONSTANT red continuous light: 62 hours (24 hours with 1 battery).
Emergency reserve (intensity less than 10% of initial lighting): 3 to 7h; the drop in intensity serves as an alert for changing the battery.
Identical operation **with a single battery for weight gain and comfort** on short missions or at the bivouac.
Compatible with rechargeable accumulators RC6/AA 1.2V (not supplied).

Application – Use

Military, boating, hunting, fishing, astronomy...
Operating temperature: -25°C / +50°C.
Can be worn on the head in front and placed on a flat surface with beam orientation at 170°.
Can be clipped on any helmet with a SHROUD type system with the supplied LLSM accessory (after removing headband)
Clipped onto MOLLE system with the supplied LLSM accessory.

Protection – Security

IP54 ^(b): weather resistance (rain, snow, etc.) and dust. ^(b) NF EN 60598-1 Standard tests
Excellent shock and crushing resistance; fall height: 1.5 m.
Glass scratch protection, set back from the front shockproof rubber.
Comfortable **adjustable headband pads** for adapting the front support to all forehead curvatures (patented).
Unintentional anti-ignition system with on/off locking.
Mechanical protection of LED (in the event of battery polarity reversal).
Captive battery cap + elastic retainer to prevent batteries from falling when opened.
Simple and very quick battery change (tactile mark: prominence «+» of the batteries outside, plug side).
Photobiological risk ^(c): **Group 1** (without risk at 50 cm / Groupe 0). ^(c) NF EN 62471 Standard measures

Lamp enclosure

Polyamide housing, resistant to splashes of hydrocarbons, oils and corrosive liquids.
Glass in high optical quality polycarbonate, with polyurethane rubber protective coating.
Stainless steel contacts.
Removable polyamide headband, easily adjustable, hypoallergenic and washable at 30°C.
Lamp cleaning with a wet rag or, if saline immersion, by rinsing with clear water and complete air drying.

Weight – Dimensions

Extremely light weight: 110 grams with 2 batteries and headband included - 86g with 1 only battery and headband.
Dimensions: 72x35x48 mm. Case color: coyote.

Warranty

Warranty: 5 years. All products are tested during production and before packaging.