

Product data sheet

H6



Key selling points

- **Battery operated** – Three AAA alkaline batteries (micro, 1.5 V) are used
- **Excellent Ledlenser lighting quality** – Brightness, beam distance and lighting duration are ideally coordinated for the energy source
- **Continuous dimming down to 5 lumen** – Can be adjusted using the regulator on the battery box
- **Optimized operational time** – Up to 60 hours¹ in the lowest setting
- **Good lighting performance** – Up to 120 meters¹ beam distance with up to 200 lumen¹ of luminous flux
- Optimum illumination thanks to Power LED
- **From the homogeneous circle of close range lighting (defocused) to a sharply bundled long-distance beam (focused)** – The patented³ Advanced Focus System with reflector lens enables efficient, tailored lighting
- **Fast changing of the light cone with just one hand** – Rapid Focus
- **Convenient and ergonomic** – Optimum weight distribution
- **Light weight unit with high wearing comfort** – Just 132 grams with batteries
- **Gentle on the neck muscles** – The light angle is always optimized thanks to the 75° swivel rotation of the lamp head with robust tilt mechanism
- **No cable breakage** – Flexible spiral cable with bend protection.
- **Protected against spray water** – IPX4
- **Optimum hold** – Headband with rubberized inside
- **Individual adaptation** – Over-head band included in the scope of delivery

Specifications

Timeline	
Earliest launch of sales	2015-05-01
Global launch date	2015-05-01
Shipping date	2015-04-01
Order date	2015-02-02

Technical Data	
Head diameter [mm]	28
Weight incl. batteries [g]	132
Weight without batteries [g]	99
Focus function	yes
Head material	Aluminum alloy
Housing material	Other plastics
Optic	Lense PMMA
Headband material	Elastic fabric
Headband type	Side + overhead headband
Head movement type	stepped movement
Head movement angle [°]	75°
Headband specifications	Washable, Elastic, Detachable, Rubberised back

Power Supply	
Power source type	Battery
Battery quantity	3
Battery type	Alkaline
Battery technology	Micro (AAA) 1.5V
Total battery voltage [V]	4.5
Total battery capacity [mAh]	1250
Total battery energy ² [Wh]	5.63
Rechargeable	no
Charging time [min]	-
Charging technology	-
Energy modes	Energy Saving
Energy status indicator	-
Usable batteries	AAA NiMH 1.2V

Further Technical Specifications	
IP class	IPX4
Drop test (drop height) [m]	1
IK code [J]	-
Maximum operating depth [m]	-
ATEX zone	-
Working temperature range [°C]	-20 to 40°C

Light Function	
Power, Low Power	
Light Source	
Amount LEDs	1
LED type	Power LED
Color	White
Color temperature [K]	6.000 to 8.000
Color rendering index (CRI)	70





Light Values				
	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	-	200	-	5
Beam distance ¹ [m]	-	120	-	20
Run time ¹ [h]	-	4	-	60

Switch	
Front Switch	

Features	
Dimmable	

Technologies	
Advanced Focus System, Rapid Focus,	

Award Logos	

Logos / Icons	
	ADVANCED FOCUS SYSTEM
	RAPID FOCUS
	7 YEAR WARRANTY*
	

Packing and logistics



Packaging Information	
Type of packaging	Box
Scope of delivery	pouch, 1 set of batteries, quick user guide
Item No.	7296
Customs tariff number	85131000

Packaging Information	
Type of packaging	Test It Blister
Scope of delivery	2 sets of batteries, quick user guide
Item No.	7396
Customs tariff number	85131000

Single Package	
Dimensions W x H x D [mm]	101 x 86 x 80
Gross weight [g]	227.6
Net weight [g]	-

Single Package	
Dimensions W x H x D [mm]	112 x 205 x 68
Gross weight [g]	268.3
Net weight [g]	-

Inner Carton	
Unit	6
Dimensions L x W x H [mm]	257 x 210 x 87
Gross weight [g]	1500
Net weight [g]	1365

Inner Carton	
Unit	6
Dimensions L x W x H [mm]	470 x 215 x 126
Gross weight [g]	1900
Net weight [g]	1610

Export Carton	
Unit	36
Dimensions L x W x H [mm]	443 x 300 x 319
Gross weight [kg]	10.33
Net weight [kg]	9

Export Carton	
Unit	24
Dimensions L x W x H [mm]	495 x 457 x 285
Gross weight [kg]	8.97
Net weight [kg]	7.6

Accessories

Item No.	Product Name
0332	Pouch Type H
0359	4x Helmet Band Fixing Clip
0370	Overhead Headband Type A
7749	3x AAA NiMH rechargeable Batteries 1,2V / 900 mAh

Marketing

Series Copy

Let somebody else do the headwork.

The „H“ in H-Series stands for „head“. Because with the headlamps of the H-Series everything revolves around the most important part of the body - the head. The intuitive handling, ergonomic design and the brightest LED light of this first-class headlamp ensure that you'll see more than just the light. And you can also fully rely on us for servicing.

Product Copy

Maximum battery life with optimal lighting power.

Battery life is just one of its strengths. In Low Power Mode, the Ledlenser H6 can shine for up to 60 hours.¹ What's more, brightness can be adjusted trouble-free with a controller on the back, and with the Rapid Focus function you can switch between focused low beam and unfocused high beam. This is made possible by a specially developed reflector lens which rounds off the H6's features.

Footnotes

¹Measured values in accordance with ANSI FL1 in the respective settings. If no setting is expressly stated, the values for luminous flux (lumens/lm) and lighting range (meters/m) refer to measurements on the brightest setting, and the values for battery life (hours/hrs) refer to measurements on the lowest setting. A boost function (if available) can be used several times, but only for short periods of time. If the light has different energy modes, the „energy saving mode“ is the basis for measurement.

²Calculated value of capacity in watt-hours (Wh). This applies to the delivery state of the battery(-ies) contained in the respective item, or if it is a light with (a) rechargeable battery(-ies), then to the item's rechargeable battery(-ies) when fully charged.

³EP Patent 1880139; US Patent 7,461,960

⁴7-year warranty only with registration, otherwise it is 5 years.

Conditions at [ledlenser.com/warranty](https://www.ledlenser.com/warranty).

Note

The information provided regarding package contents, appearance, performance, dimensions and weight correspond to available knowledge at the time of publication. Within the scope of enhancement, we reserve the right to change the package contents, appearance, design and color without prior notice. The product images might differ from the actual appearance of the products and may display optional accessories which can be purchased at an additional charge.