

iH9R

PRODUCT DESCRIPTION

Illuminate any environment with this feature packed headlamp. Ability to be powered by the supplied L-ion rechargeable battery or alternatively AA alkaline batteries (not supplied). Use on Constant Light mode to optimise brightness or Energy saving mode to optimise run time. Innovatively light head easily detaches from headband so light can be used as a handheld illuminator. The underside of the head-strap is coated to prevent it slipping on helmets and an additional helmet mount is also included for added flexibility of use. An addition LED delivers red, blue and green light options. 7-Year with registration warranty for complete peace of mind.

- Multicolour LEDs in red, green and blue
- Two energy modes (constant light and energy saving) for either especially consistent or energy-saving light
- Two types of batteries (lithium-ion and AA) provide the combined benefits of rechargeable and replaceable batteries
- Simple charging of the lithiumion battery via magnetic USB cable
- Innovative mounting system allows for simple removal and positioning of the lamp head for maximum flexibility
- Advanced focus system for easy and intuitive adjustment of the light beam
- Helmet mounting options: Rubber-coated head strap, adhesive mounting material



7
YEAR
WARRANTY⁴

TECHNICAL DATA

Head diameter [mm]	31
Weight incl. batteries [g]	139
Weight without batteries [g]	98
Focus function	Yes
Head material	PC
Tube material	PC + ABS
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	50
Headband specifications	Detachable, Elastic, Rubberised back, Washable

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery description	2x14500 Battery Pack 3.7V
Total battery voltage [V]	3.7
Total battery capacity [mAh]	1550
Rechargeable	Yes
UN number	UN 3481
Charging time ⁵ [min]	270
Energy modes	Constant Light, Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning
Usable batteries	AA Alkaline 1.5V, AA NiMH 1.2V

SWITCH

Front Switch

FURTHER SPECIFICATIONS

IP class	IP54
Drop test (drop height) [m]	2
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Low Power, Mid Power, Power, Boost, Blink

LIGHT SOURCE

Amount LEDs	1
LED type	Xtreme LED
Colour	White
Colour temperature [K]	6000 to 7500
Colour rendering index (CRI)	70

LIGHT VALUES

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	600	220	120	20
Beam distance ¹ [m]	200	140	100	40
Run time ¹ [h]		3.5	8	40

ANSI – Energy Saving	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	600	400	170	20
Beam distance ¹ [m]	200	180	120	40
Run time ¹ [h]		7	10	60

FEATURES

Transportation lock , Red Light, Green Light, Blue Light

TECHNOLOGIES

Advanced Focus System³, Smart Light Technology, Rapid Focus, Cooling Technology, Dual Power Source