HERRMANS

H-BLACK PRO E-BIKE 6-12V



HERRMANS® H-BLACK PRO E head light with the new patent pending Projector Technology (P-Tech). Automotive technology transformed to the bicycle industry. The P-Tech feature offers extremely high optical efficiency and exact 100% guiding of light. Resulting in superior light output and a focused light beam with a sharp cut of line. -> More light on the road (where needed).
The light pattern is optimized for the rider - super wide, long and homogeneous light distribution (widest on the market). The H-BLACK PRO E head projector light for E-bikes and Pedelec with direct current (DC) delivers a strong light output, preliminary of up to 100 LUX or 230 lumens. The lamp offers near field illumination and to be seen by other traffic the H-BLACK PRO E has additional LEDs for clear side visibility. H-BLACK PRO will run on any battery from 6V to 12V and is controlled by the e-bike system. Small and elegant contemporary alloy housing (CNC) provides both robustness and excellent cooling of the LED. Thanks to many assembly options the lights fit all types of bicycles. The H-BLACK PRO E fulfills a number of European road traffic regulations.

Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific.

TECHNICAL DATA

Operational Lumens Output	**230 lm**
Power Source	**E-bike**
Nominal Voltage DC	**6 - 12 V**
Power Consumption	**5 W**
Max Peak Current	**1000 mA**
Input connector type	**0,5 x 2,8mm cable shoes**
Number of LED's	**3**
Colour Temperature	**5700 K**

Operating modes	**On**
Mounting Options	**Fork / Handlebar**
Housing	**Alloy**
Salt Spray Test	**ISO 9227 NSS 240H**
Type approval (light)	**Germany (StVZO)**
Type approval (reflector)	**E-IA, K**
EMC	**EN 15194**
Packaging Amount	**72 Pce**

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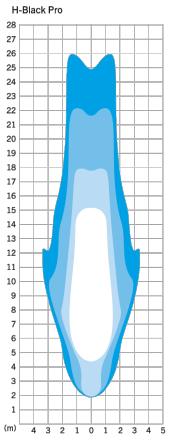
Optical System	**Projector**

KEY FEATURES

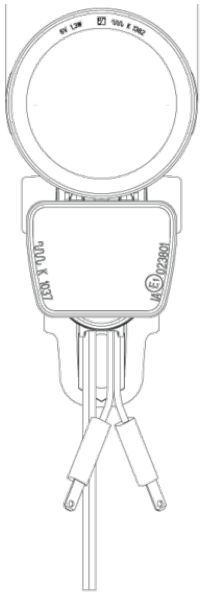
- Patent pending projector technology
- Alloy housing
- Optimized light pattern with sharp cut of line

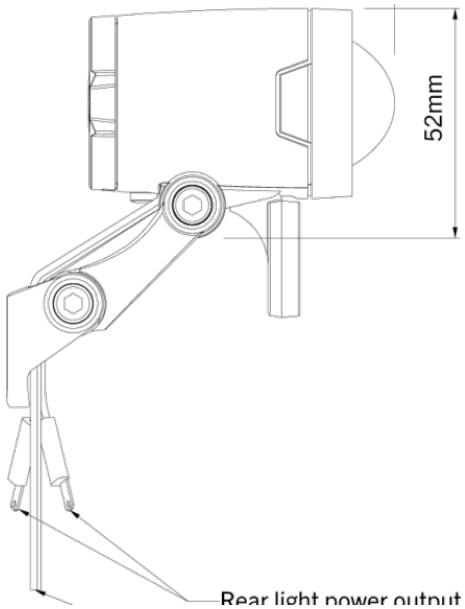
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LIGHT PATTERNS



DRAWINGS





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ASSEMBLY OPTIONS



Multi-joint bracket



Stem bracket



Handlebar bracket



Rock shock paragon



Stainless steel for suspension fork, steel och black



SR Suntour Ver1, fork bridge: CR8, NEX, NCX-E



SR Suntour Ver2, fork bridge: CR-9, NCX-D



SR Suntour Ver3, fork bridge: NCX mobie-E25, E45

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