

H-BLACK PRO E-BIKE 6-12V

HERRMANS® H-BLACK PRO E head light with the 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, which gives more light on the road. The light pattern is optimized for the rider - super wide, long and homogeneous light distribution. The light 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.

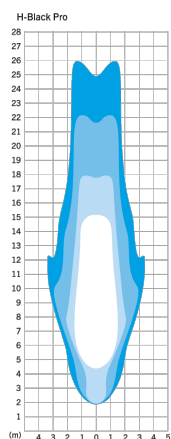
TECHNICAL DATA

Operational Lumens Output	230 lm	Operating modes	On
Power Source	E-bike	Mounting Options	Fork / Handlebar
Nominal Voltage DC	6 - 12 V	Housing	Alloy
Power Consumption	5 W	Salt Spray Test	ISO 9227 NSS 240H
Max Peak Current	1000 mA	Type approval (light)	Germany (StVZO)
Input connector type	0,5 x 2,8mm cable shoes	Type approval (reflector)	E-IA, K
Number of LED's	3	EMC	EN 15194
Colour Temperature	5700 K	Packaging Amount	72 pce/box, Approx. 8,5 kg total.
Optical System	Projector		

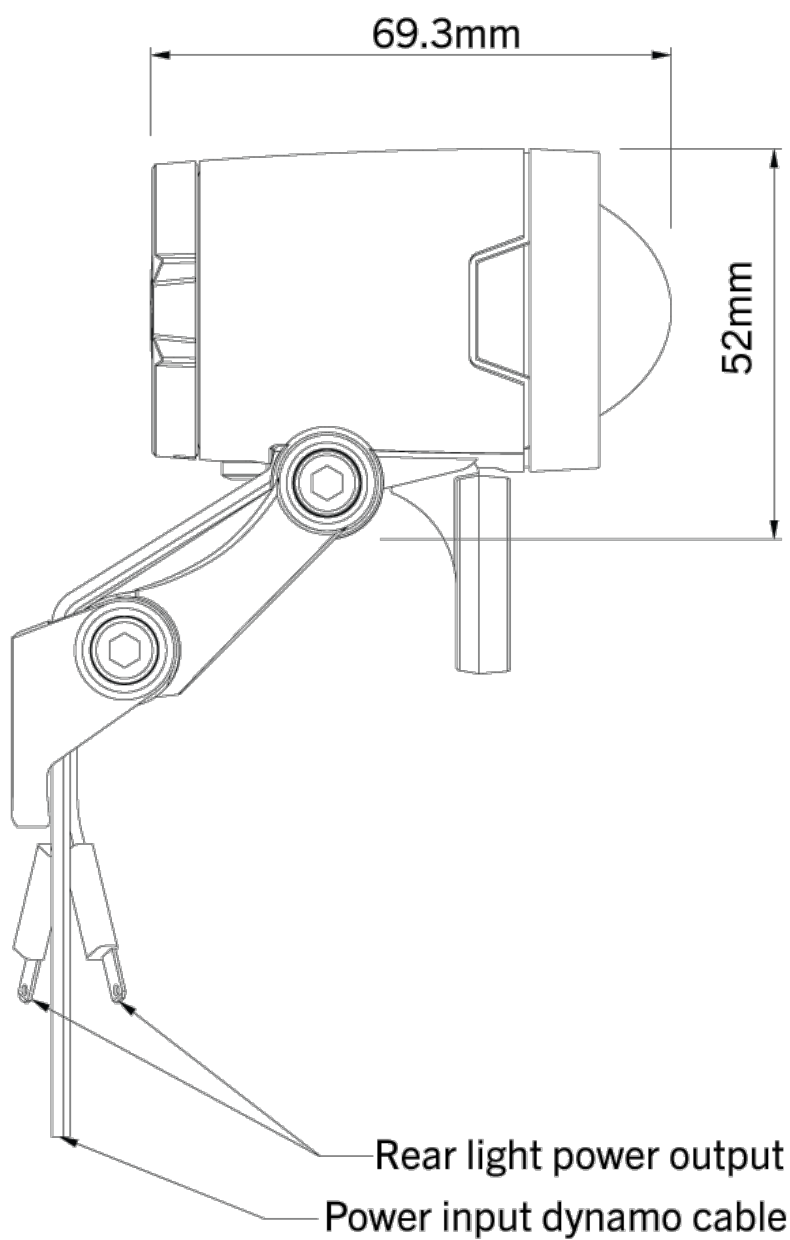
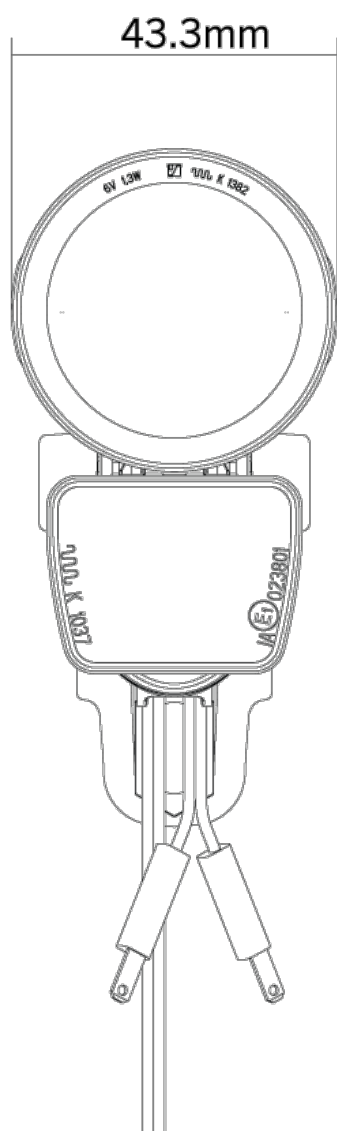
KEY FEATURES

- Patent pending projector technology
- Click-in EIA, K Front reflector included
- Optimized light pattern with sharp cut of line

LIGHT PATTERNS



DRAWINGS



ASSEMBLY OPTIONS



Multi-joint bracket



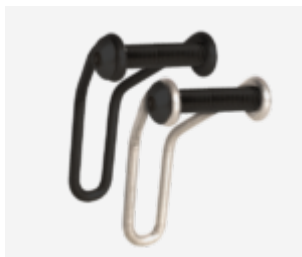
Stem bracket



Handlebar bracket



RockShox paragon



Stainless steel for
suspension fork, steel and
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