

## TECHNICAL CARD



LED Headlamp

# VIDEX®



## WARRANTY 2 YEARS



Neutral White / Neutralny biały / Neutralni bila / Blanc neuter / Neutrálina biela / Neutraal wit / Semleges feher / Nevtralno bela / Neutrálno bijela / Neutralweiß / Alb neutru / Neutrus balta / Neitrāls balta / Neutraalne valge / Неутрално бяла / Bianco neutro.

### General parameters

Operation mode	HIGH, LOW, STROBE, COB, COB + HIGH, RED ON, RED FLASH
Light source replaceable	no

### Type of light source

Dimmable	no
Technology	LED

### Electrical parameters

On-mode power (Pon)	5 W + COB
Input interface	USB-C

### Photometric parameters

Useful luminous flux of the contained light source (Φ <sub>use</sub> )	310 Lm
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## VIDEX VLF-H025C 310Lm 5000K

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Correlated color temperature	5000K (neutral white)
Peak luminous intensity	1380 cd

### Additional information

Housing colour	Black
Fall protection	1 m
Operating temperature range	-20° +40°C
Battery type	Li-ion
Battery voltage	3.7 V
Battery capacity	1800 mAh
Battery indicator	5 level
Battery replaceable	no
Mercury content	Does not contain
Ingress protection	IP65
Housing material	PC

### Dimensions

EAN	4820246481076
Height	46 mm
Depth	38 mm
In the package	1 pc.
Outer box	20 pcs.
Width	70 mm
Unit nett weight	99g

### Signs marking goods

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Packaging marking

CE, Utilization



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**VIDEX®**  
MODEL | H025C

RECHARGEABLE LED HEADLAMP  
WITH SENSOR

**310**  
MAX LUMENS



**VIDEX®**  
MODEL | H025C

MAIN LED CREE  
XTE 5W 5000K  
(Neutral white)



LOW BEAM LED  
COB 5W 5000K  
(Neutral white)

85° Beam angle and 74m max illumination distance.  
120° Beam angle and 7m max illumination distance.  
Both light sources can work together reaching max brightness  
310 lumens.

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MICRO-USB PORT



Full charge for around 3 hours.  
The charging port covered by thick silicone, which prevents dust and water penetrate inside the device.

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1800mAh. 600 CYCLES



Built-in Li-polymer rechargeable can run for around 10 hours at one cycle and can replace thousands of primary batteries during its service life. An intelligent charge control circuit protects the battery from overdischarge and overcharge.

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MODEL | H025C

NYLON HEADBAND



The headband is made of nylon, which is an elastic and wear-resistant material.

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TILT MECHANISM



Adjust the headlamp tilt angle within 45 degrees.



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## VIDEX VLF-H025C 310Lm 5000K

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1. Maximum power mode 250 LM  
2. Minimum power mode 95 LM  
3. COB mode (low beam) 75 LM  
4. COB+Maximum power 310 LM  
5. SOS/STROBE mode  
6. Red light  
7. Red flashing light





LIGHTING MODES	HIGH	LOW	COB	COB+HIGH	STROBE
OUTPUT	250 Lm	95 Lm	75 Lm	310 Lm	95 Lm
RUNTIME	4h 50min	9h	10h 20min	3h	21h
DISTANCE	74m	46m	7m	74m	46m
INTENSITY	1380cd	520cd	12cd	1380cd	520cd
	RED ON	1.2 Lm / 8h	RED FLASH	1.2 Lm / 16h	



**PROGRAM ROOT**

**SENSOR BUTTON**

Start position: OFF → Action A: Press → Result: SENSOR HIGH / SENSOR COB → Action B: Hand wave → Result: OFF/ ON

Start position: " HIGH / LOW / STROBE / RED ON / RED FLASH / COB → Action A: Press → Result: SENSOR " → Action B: Hand wave → Result: OFF/ ON "

Start position: ON/OFF → Action A: Press and hold for 0.5 sec → Result: Battery status

**ON/OFF BUTTON**

Start position: OFF → Action A: Press → Result: > ON HIGH > LOW > STROBE > RED ON > RED FLASH > OFF >

Start position: ON/OFF → Action A: Press and hold for 0.5 sec → Result: COB ON → Action B: Press and hold for 0.5 sec → Result: COB OFF

\* Sensor remembers current lighting mode and applies it until the sensor mode will be deactivated.  
Notes: The modes selection performs within 5 seconds. After this time, the next short press will turn off the light.  
The headlamp automatically memorizes the last selected lighting mode (except COB mode) and applies it next time when turned on.  
The Main Light modes and Flood Light (COB) mode can be turned on together unless the sensor is activated.



USER'S MANUAL    HEADLAMP    HEADBAND    CHARGING CABLE

SIZES 70x46x38mm  
WEIGHT: 99g (including headband)

We reserve the right to make technical changes. The data contained in this material is not legally binding.

Allegro opt Sp. z o.o., ul. Mierzeja Wiślana 11,  
30-732 Krakow, Poland.



The product meets the requirements of EU directives



It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste



— The protection is effective in case of a fall from a height of up to 1 meter



— The product is incompatible with light regulators



— Operating temperatures range



— The product does not contain mercury



— Class of protection against dust and moisture. The product has full protection against dust and water jets from all directions

Date: 26.07.2025