

## TECHNICAL CARD



LED Headlamp

# VIDEX®



## WARRANTY 2 YEARS

### NEUTRAL WHITE



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

### General parameters

<b>Operation mode</b>	HIGH, LOW, STROBE, COB, COB + HIGH, RED ON, RED FLASH
<b>Light source replaceable</b>	no

### Type of light source

<b>Dimmable</b>	no
<b>Technology</b>	LED

### Electrical parameters

<b>On-mode power (Pon)</b>	5 W + COB
<b>Input interface</b>	USB-C

### Photometric parameters

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

### INDEX: VLF-H025C

<b>Correlated color temperature</b>	5000K (neutral white)
<b>Peak luminous intensity</b>	1380 cd

### Additional information

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

### Dimensions

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

### Signs marking goods

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VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C

Packaging marking

CE, Utilization



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INDEX: VLF-H025C



INDEX: VLF-H025C



**VIDEX®**  
MODEL | H025C

RECHARGEABLE LED HEADLAMP WITH SENSOR

**310**  
MAX LUMENS

RECHARGEABLE    
 DUAL LIGHT    
 IP65    
 SHOCKPROOF    
 RED LIGHT

**VIDEX®**  
MODEL | H025C

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

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

MAIN LED. 80° Beam angle and 74m max illumination distance.  
 LOW BEAM LED. 120° Beam angle and 7m max illumination distance.  
 Both light sources can work together reaching max brightness 310 lumens.

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VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C

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TEXTURED REFLECTOR

MODEL | H025C



TEXTURED REFLECTOR PROVIDES EVENER YET LONG LIGHTING BEAM.

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SWIFT TOUCHLESS CONTROL

MODEL | H025C



WITH BUILT-IN MOTION SENSOR YOU CAN TURN ON/OFF THE LIGHT BY A HAND WAVE.

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LOW BEAM LED

MODEL | H025C



A WIDE-ANGLE LED PERFECTLY COPES WITH THE TASK OF LIGHTING THE NEAR SPACE.

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MODEL | H025C

POWER BUTTON — SENSOR BUTTON



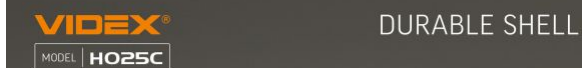
**POWER BUTTON.** Turns on/off the light and changes the modes. Press and hold for COB light.

**SENSOR BUTTON.** Press to activate the sensor for further control by a hand wave.

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### INDEX: VLF-H025C



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### INDEX: VLF-H025C

**VIDEX®**

MODEL | H025C

USB-C PORT



FULL CHARGE FOR AROUND 3.5 HOURS  
THE CHARGING PORT COVERED BY THICK SILICONE, WHICH PREVENTS DUST AND WATER PENETRATE INSIDE THE DEVICE.

**VIDEX®**

MODEL | H025C

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.

**VIDEX®**

MODEL | H025C

NYLON HEADBAND



THE HEADBAND IS MADE OF NYLON, WHICH IS AN ELASTIC AND WEAR-RESISTANT MATERIAL.

**VIDEX®**

MODEL | H025C

TILT MECHANISM



ADJUST THE HEADLAMP TILT ANGLE WITHIN 60 DEGREES.

## INDEX: VLF-H025C



**VIDEX®**  
MODEL | H025C

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. Flash mode
6. Red light
7. Red flashing light

**VIDEX®** LIGHTING MODES  
MODEL | H025C



LIGHTING MODES	HIGH	LOW	COB	COB+HIGH	FLASH
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

**VIDEX®** PROGRAM ROOT  
MODEL | H025C

Start position	Action A	Result	Action B	Result
OFF	Press	ON SENSOR**	Hand wave	OFF/ ON
HIGH / LOW / FLASH / RED ON / RED FLASH / COB	Press	SENSOR*	Hand wave	OFF/ ON
ON / OFF	Press and hold for 0.5 sec	Battery status		
OFF	Press and hold for 3 sec	Lock	Press and hold for 3 sec	Unlock
OFF	Press	> ON HIGH > LOW > FLASH > RED ON > RED FLASH > OFF		
ON / OFF	Press and hold for 0.5 sec	COB ON	Press and hold for 0.5 sec	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.

**VIDEX®** KIT CONTENT  
MODEL | H025C

- USER'S MANUAL
- HEADLAMP
- HEADBAND
- CHARGING CABLE USB-C

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