

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 (Φuse)	310 Lm
---	--------

VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C

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

VIDEX[®]

VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C

Packaging marking

CE, Utilization



VIDEX®

VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C



VIDEX®

VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C



VIDEX®
MODEL | H025C

RECHARGEABLE LED
HEADLAMP WITH SENSOR

310
MAX LUMENS



VIDEX®
MODEL | H025C



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.

VIDEX®

VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C

VIDEX®
MODEL | H025C

TEXTURED REFLECTOR



TEXTURED REFLECTOR PROVIDES EVENER YET LONG LIGHTING BEAM.

VIDEX®
MODEL | H025C

LOW BEAM LED



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

VIDEX®
MODEL | H025C

SWIFT TOUCHLESS CONTROL



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

VIDEX®
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.

VIDEX®

VIDEX VLF-H025C 310Lm 5000K

INDEX: VLF-H025C



VIDEX®

VIDEX VLF-H025C 310Lm 5000K

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
it 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.

VIDEX®

VIDEX VLF-H025C 310Lm 5000K

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®
MODEL **H025C**

LIGHTING MODES



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®
MODEL **H025C**

PROGRAM ROOT



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®
MODEL **H025C**

KIT CONTENT



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 Wiśłana 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: 30.08.2025