



HEADLAMP

HANDSFREE LIGHTING

Atex approval available



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The **CLASSIC**, **ACTIVE** and **PERFORMANCE** lines respond to uses from the most basic to the most intensive. Each of these lines corresponds to a use and a need related to light output. The **SPECIALIZED** line contains headlamps dedicated to specific uses.

CLASSIC HEADLAMPS

- E+LITE
- TIKKINA
- TIKKA
- ZIPKA

LUMEN

- 50 With Retractable Cord
- 150
- 200
- 200 With Retractable Cord

ACTIVE HEADLAMPS

- ACTIK
- MYO
- CORE RECH BATTERY

- 300
- 370

PERFORMANCE

- REACTIK
- REACTIK +
- NAO+

- 220 Rechargeable
- 300 Rechargeable
- 750 Rechargeable

SPECIALIZED

- TACKTIKKA
- TACKTIKKA + RGB
- ULTRA RUSH /BELT
- ULTRA VARIO
- DUO LED 5 /14

- 200
- 250
- 760 Rechargeable
- 520 Rechargeable
- 40/67

ATEX

- PIXA 1
- PIXA 2
- PIXA 3
- PIXA 3R

- 60
- 80
- 100
- 90 Rechargeable



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E+LITE E02

		FL 1 STANDARD 000 LUMENS	FL 1 STANDARD 000m		1 TON		FL 1 STANDARD	FL 1 STANDARD 00m
Vabo Ref 11588	Standard Lighting White Strobe Red Strobe	15 lm 50 lm 15 lm Red 2 lm 2 lm	6 m 10 m 100m 100m 100 m	12 h 9 h 95 h 15 h 70 h	26 g	2 x CR2032	IPX7	-1 m for 30 minutes
Ultra-compact emergency headlamp 50 lumens 		Ultra-compact and ultra-light emergency headlamp to always have with you Always ready to use, can be stored with batteries (lithium CR 2032) for 10 years White lighting allows you to move around easily in the dark For emergency situations, the powerful red LED allows you to be seen from a distance Locking on/off switch designed to prevent accidental operation Withstands extreme temperatures: -30° C to +60° C Waterproof to -1 meter for 30 minutes (IPX7)						

TIKKINA E91

		FL 1 STANDARD 000 LUMENS	FL 1 STANDARD 000m		1 TON		FL 1 STANDARD	FL 1 STANDARD 00m
Vabo Ref 11963	Standard Lighting White Led	5 lm 100 lm 150 lm	10 m 40 m 55 m	220 h 60 h 60 h	85 g	3 AAA	IPX 4	
Simple, compact headlamp for proximity lighting 150 lumens  		Compact and lightweight: only 85 g Long burn time Simple to use, thanks to its single button with which to quickly and easily select the lighting mode Three lighting modes: proximity, movement and distance vision TIKKINA is a HYBRID headlamp: it comes with three standard batteries, and is also compatible with the CORE rechargeable battery Beam pattern: wide Energy: 3 AAA/LR03 batteries (included) or CORE rechargeable battery (available as accessory) Battery compatibility: rechargeable Ni-MH Certification(s): CE Watertightness: IP X4 (weather resistant)						

TIKKA E93								
Vabo Ref 11964	Standard Lighting White Led Red Led Red Strobe	5 lm 100 lm 200 lm 2 lm	10 m 40 m 60 m 5 m 700 m	240 h 60 h 60 h 60 h 400 h	85 g	3 AAA	IPX 4	
Compact headlamp for proximity lighting and some movement 200 lumens 		Description Compact and lightweight: only 86 g Long burn time Simple to use, thanks to its single button with which to quickly and easily select the lighting mode Three lighting modes: proximity, movement and distance vision Red lighting preserves night vision and stealth, and prevents members of a group from blinding each other Phosphorescent reflector is useful for locating the lamp in the dark TIKKA is a HYBRID headlamp: it comes with three standard batteries, and is also compatible with the CORE rechargeable battery			Specifications Light output: 200 lumens Weight: 86 g Beam pattern: wide Energy: Three AAA/LR03 batteries (included) or CORE rechargeable battery (available as accessory) Battery compatibility: rechargeable Ni-MH Certification(s): CE Watertightness: IP X4 (weather resistant)			

ZIPKA E93Z								
Vabo Ref 11965	Standard Lighting White Led Red Led Red Strobe	100 lm 200 lm 2 lm	40 m 60 m 5 m 700 m	60 h 60 h 100 h 400 h	66 g	3 AAA	IPX 4	
Simple and ultra-compact headlamp for proximity lighting and some movement 200 lumens 		Description Ultra-compact format is easy to carry and wear: - self-adjusting retractable cord - can be worn on the head, the wrist or attached to a tent pole, a seat post... Long burn time Simple to use, thanks to its single button with which to quickly and easily select the lighting mode Three lighting modes: proximity, movement and distance vision Red lighting preserves night vision and stealth, and prevents members of a group from blinding each other Phosphorescent reflector is useful for locating the lamp in the dark ZIPKA is a HYBRID headlamp: it comes with three standard batteries, and is also compatible with the CORE rechargeable battery			Specifications Light output: 200 lumens Weight: 66 g Beam pattern: wide Energy: Three AAA/LR03 batteries (included) or CORE rechargeable battery (available as accessory) Battery compatibility: rechargeable Ni-MH Certification(s): CE Watertightness: IP X4 (weather resistant)			

ACTIK E99 AAA



Vabo Ref 12247

Constant Lighting

White and Red Led

Strobe

White
5 lm
100 lm
300lm
Red
2 lm

White
10 m
45 m
90 m
Red
5 m
700 m

Upto
260 h

60 h

400 h

92 g

3 AAA

Or
Core
recharg.
Battery
Art
12250

IPX 4

Compact multi-beam headlamp with red lighting, designed for outdoor activities. 300 lumens



hybrid
CONCEPT

Description

Powerful (300 lm), versatile headlamp
Two beam patterns (wide or mixed) and several lighting modes meet the need for high-performance lighting in outdoor activities: proximity or distance vision and rapid movement
Long burn time:
Red lighting preserves night vision and keeps from blinding other members of the group
Reflective headband helps you to be seen when a light is shone on it, and is equipped with an emergency whistle for rescue situations
ACTIK is a HYBRID headlamp: it comes with three standard batteries, and is also compatible with the CORE rechargeable battery

Specifications

Light output: 300 lumens
Weight: 92 g
Beam pattern: wide or mixed
Energy: Three AAA/LR03 batteries (included) or CORE rechargeable battery (available as accessory)
Battery compatibility: rechargeable Ni-MH or lithium
Certification(s): CE
Watertightness: IP X4 (weather resistant)

MYO E87



Vabo Ref 11981

Constant Lighting

White
60
110
280
370
Programmable
20 lm to 170 lm
Reserve mode
3 lm for 50 hrs

White
50
65
105

13
5

10 sec

168 g

3 AA

IPX 4

Powerful multi-beam headlamp intended for endurance-oriented outdoor activities.
370 lumens maximum



Powerful, high performance lighting (370 lumens in Boost mode and 280 lumens in Maximum mode).

Multi-beam lighting: wide-angle flip lens that shifts instantly from a wide beam (proximity lighting) to a focused beam (long-range vision)

CONSTANT LIGHTING technology for Economic and Optimum modes:

- brightness does not decrease gradually as the batteries drain
- automatically switches to reserve mode when batteries are nearly spent









STANDARD LIGHTING technology in Maximum mode.
Several programmable lighting modes to adapt light intensity and burn time to the activity

Reliable and rugged: - battery charge indicator light: warns when the batteries are approximately 70 % then 90 % discharged - switches are protected from accidental operation when light body is in upright position - water and weather resistant for all-weather use (IP X4)

Comfortable & stable in action: incl. top strap provides add. stability when needed
Perfect for endurance activities: - long burn time - lightweight: 168 g - balanced on the head for comfort



ACTIVE SERIES

CORE RECH BATTERY								
Vabo Ref 12250				3 h	23 g			
Rechargeable battery compatible with Petzl HYBRID headlamps		Description			Specifications			
		<p>Simple universal charging via the USB port</p> <p>Charging indicator on the battery (red = charging; green = battery charged)</p> <p>Performs well at low temperatures</p> <p>Economical and sustainable solution as main power supply or back-up battery</p> <p>Compatible with all TIKKINA, TIKKA, ZIPKA, ACTIK, ACTIK CORE, TACTIKKA, TACTIKKA + and TACTIKKA +RGB headlamps</p> <p>Product comes with charging cable</p>			<p>Weight: 23 g</p> <p>Certification(s): CE</p> <p>Type: batterie rechargeable Lithium-Ion</p> <p>1250 mAh</p> <p>Recharge time: 3 h</p>			



PERFORMANCE SERIES

REACTIK E92 HNE



Vabo Ref 12168	Reactive Lighting	White 70 lm 130 lm 220 lm	White 40 m 55 m 65 m	12 h 6 h 3h30	115 g	1800 mAh Lithium-Ion rechargeable battery (included)	IPX 4
	Constant lighting	40 lm 80 lm 140 lm Red 2 lm	30 m 40 m 50 m Red 8 m Visible 1 km	12 h 6 h 3h30 Red 30 h 60 h			
	Strobe						
	Reserve mode	15 lm		2 h			

Compact, rechargeable and intelligent headlamp with REACTIVE LIGHTING technology that automatically adjusts brightness to the needs of the user. 220 lumens



Longer burn time, visual comfort and minimal handling thanks to REACTIVE LIGHTING technology:

- the light sensor automatically adjusts brightness and optimizes burn time
- depending on the chosen burn time (3h30, 6 h, 12 h), brightness automatically self-regulates in three modes : MAX POWER, STANDARD and MAX AUTONOMY
- Lamp can be used with CONSTANT LIGHTING technology, which ensures constant lighting over time

Mixed beam with focused component, for both close-range and distance vision

Red lighting mode preserves night vision

LOCK function to avoid accidentally turning it on during transit or storage

Rechargeable 1800 mAh Lithium-Ion battery:

- universal charging with micro USB port
- battery charge indicator
- can be replaced with standard battery pack (not included) for use in remote areas

Petzl's patented washable and adjustable headband has two-part construction for optimal positioning during dynamic activities:

- remains positioned on the head
- absorbs perspiration

Weather resistant

Weight: 115 g

Technology: REACTIVE LIGHTING or CONSTANT LIGHTING

Beam pattern: wide beam with focused component

Energy: 1800 mAh Lithium-Ion rechargeable battery (included)

Recharge time: 4,5 h

Battery compatibility: alkaline, lithium and Ni-MH, with the standard battery pack (not included)

Watertightness: IP X4 (water resistant)

Certification(s): CE

REACTIK + E95 HNE



Vabo Ref 12169	Reactive Lighting	white 80 lm 170 lm 300 lm	70 m 90 m 110 m	10 h 5 h 2h30	115 g	1800 mAh Lithium-Ion rechargeable battery (included)	IPX 4
	Constant Lighting	30 lm 100 lm 200 lm	35 m 70 m 90 m	15 h 6 h 2 h			
	Reserve mode	red 2 lm strobe 15 lm	8 m visible 1 km	30 h 60 h 2 h			

Multi-beam, rechargeable headlamp that is programmable, thanks to the MyPetzl Light mobile app. Features REACTIVE LIGHTING technology that automatically adapts light intensity to user needs. 300 lumens



Customized beam pattern, burn time and brightness, thanks to the MyPetzl Light for smart phone and tablet (free download at App Store and Google Play):

- access remaining burn time any time
- adjust brightness and burn time
- activate and create lighting profiles to suit the activity
- headlamp comes with multi-activity lighting profile
- 4 additional profiles available with the MyPetzl Light app: trail running, mountaineering, trekking, backpacking
- headlamp connects through Bluetooth® Smart (can be deactivated)
- the lamp can still be used without the app

Longer burn time, visual comfort and minimal handling thanks to its REACTIVE LIGHTING technology:

- the light sensor automatically adjusts brightness and beam pattern, optimizing battery use
- depending on the chosen burn time (2h30, 5 h, 10 h), brightness automatically self-regulates in one of three modes: MAX POWER, STANDARD or MAX AUTONOMY

Lamp can be used with CONSTANT LIGHTING technology, which ensures constant lighting over time

Multi-beam lighting: combines a wide beam for proximity lighting with a focused beam for long-range vision

Red lighting mode preserves night vision

LOCK function to avoid accidentally turning it on during transit or storage

Rechargeable 1800 mAh Lithium-Ion battery:

- universal charging with micro USB port
- charge indicator and blue signal for Bluetooth® Smart activation
- can be replaced with standard battery pack (not included) for use in remote areas

Petzl's patented washable and adjustable headband has two-part construction for optimal positioning during dynamic activities:

- remains positioned on the head
- absorbs perspiration

Weather resistant



PERFORMANCE SERIES

NAO +



Vabo Ref 12249	Reactive Lighting	White 320 lm	White 85 m	15 h	185 g	2600 mAh Lithium-Ion rechargeable battery (included)	IPX 4
	Constant Lighting	750 lm	140 m	6h30			
		120 lm	65 m	8 h			
		530 lm	135 m	1h30			
	Red Led Reserve mode	15 lm	Visible for 1km	2 h			

Ultra-powerful, multi-beam, rechargeable headlamp that is programmable, thanks to the MyPetzl Light app. Features REACTIVE LIGHTING technology that automatically adapts light intensity to user needs. 750 lumens



Customized beam pattern, burn time and brightness, thanks to the MyPetzl Light for smart phone and tablet (free download at App Store and Google Play):

- access remaining burn time any time
- adjust brightness and burn time
- activate and create lighting profiles to suit the activity
- headlamp comes with multi-activity lighting profile
- four additional profiles available with the MyPetzl Light app: trail running, mountaineering, trekking, backpacking
- headlamp connects through Bluetooth® Smart (can be deactivated)
- the lamp can still be used without the app

Longer burn time, visual comfort and minimal handling thanks to its REACTIVE LIGHTING technology:

- the light sensor automatically adjusts brightness and beam pattern, optimizing battery use
 - depending on the chosen burn time (6.5 h or 15 h), brightness automatically self-regulates in one of two modes: MAX POWER or MAX AUTONOMY
- Lamp can be used with CONSTANT LIGHTING technology, which ensures constant lighting over time

Multi-beam lighting: combines a wide beam for proximity lighting with a focused beam for long-range vision

Ergonomic button, even with gloves

Red indicator light on the battery, in the rear, to signal location

LOCK function to avoid accidentally turning it on during transit or storage

Rechargeable 2600 mAh Lithium-Ion battery:

- universal charging with micro USB port
- charge indicator and blue signal for Bluetooth® Smart activation

Headlamp is very stable on the head:

- adjustable headband is very comfortable (Petzl patent)
- additional top strap for technical activities

Belt kit accessory for NAO + allows the rechargeable battery to be moved to the belt to reduce the weight worn on the head, or to keep it warm in winter!

Technology: REACTIVE LIGHTING or CONSTANT LIGHTING

Beam pattern: wide, mixed or focused

Recharge time: 6 h



Compatible with the MyPetzl Light app; requires iOS 7.1 or Android 4.3 or later

Bluetooth® Smart: very low battery consumption





SPECIALIZED SERIES

TACTIKKA E93

Vabo Ref 12246	Constant Lighting	White	White		86 g	3 AAA	IPX 4
	White and Red Led	5 lm	10 m	240 h			
		100 lm	40 m	60 h			
		200 lm	60 m	60 h			
		Red	Red				
		2 lm	5 m	100 h			
		Red Strobe	700 m	400 h			
Compact headlamp, ideal for hunting and fishing, with white or red lighting to preserve night vision and ensure stealth. 200 lumens		Red lighting preserves night vision and stealth Long burn time Three lighting modes: proximity, movement and distance vision Simple to use, thanks to its single button with which to quickly and easily select the lighting mode TACTIKKA is a HYBRID headlamp: it comes with three standard batteries, and is also compatible with the CORE rechargeable battery Available in two colors, depending on use					
 		Light output: 200 lumens Weight: 86 g Beam pattern: wide Energy: Three AAA/LR03 batteries (included) or CORE rechargeable battery (available as accessory) Battery compatibility: rechargeable Ni-MH Certification(s): CE Watertightness: IP X4 (weather resistant)					

TACTIKKA + RGB E89

Vabo Ref 11294	Constant Lighting	White 5 lm 100 lm 250 lm Red/green/ blue 2 lm Red Strobe	White 10 m 45 m 70 m Red/ green/bl 5 m 700 m	260 h 50 h 50 h 60 h 400 h	85 g	3 AAA	IPX 4	
Compact and powerful headlamp ideal for hunting and fishing. White or red/green/blue lighting to preserve night vision and ensure stealth. 250 lumens		Red/green/blue lighting preserves night vision and stealth Very powerful lighting with a maximum of 250 lumens Long burn time Three lighting modes: proximity, movement and distance vision Simple to use, thanks to its single button with which to quickly and easily select the lighting mode TACTIKKA +RGB is a HYBRID headlamp: it comes with three standard batteries, and is also compatible with the CORE rechargeable battery Available in three colors, depending on use						
 		Light output: 250 lumens Weight: 85 g Beam pattern: mixed Energy: Three AAA/LR03 batteries (included) or CORE rechargeable battery (available as accessory) Battery compatibility: rechargeable Ni-MH Certification(s): CE Watertightness: IP X4 (weather resistant)						



SPECIALIZED SERIES

Rechargeable

ULTRA RUSH E52 H

Vabo Ref 11632

Constant lighting
White led

Reserve mode



65 lm
300 lm
420 lm
760 lm

45 m
100 m
115 m
170 m

38 h
7 h
5 h
2 h
2h/45lm

370 g

ACCU 2 ULTRA
2600 mAh
Lithium-Ion
rechargeable
battery (incl.)

IP67

Ultra-powerful headlamp with CONSTANT LIGHTING technology
ACCU 2 rechargeable battery. 760 lumens

Ultra-powerful uniform lighting up to 760 lumens
Long-distance beam up to 170 meters
Constant lighting guarantees brightness that doesn't diminish for the entire burn time (lamp switches to reserve mode when the battery is almost drained)
Mixed beam with four lighting levels allows the user to choose between power and burn time according to need
ACCU 2 ULTRA Lithium-Ion high-performance rechargeable battery (2600 mAh) :
- offers the perfect balance between capacity and compactness, making it comfortable on the head
- Lithium-Ion technology for excellent performance at low temperatures
- energy gauge on the battery
- quick 100/240V charger (charged in 3h) with interchangeable EUR/US plug incl.
Easy to use:
- rotating selector knob is easy to use, even with gloves, allowing rapid access to different modes
- quick connection system allows quick and easy removal of battery
- light flashes to signal transition to reserve mode
- front and back comfort plates with adjustable elastic headband for an excellent fit on the head
Rugged:
- waterproof to -1 meter for 30 minutes
- excellent resistance to falls, impacts and crushing



ULTRA RUSH BELT E52 B

Vabo Ref 11592

Constant Lighting
White Led

Reserve mode



65 lm
300 lm
420 lm
760 lm

45 m
100 m
115 m
170 m

73 h
14 h
10 h
4 h
2h/45lm

Head
222 g
Belt/Batt
288 g
Total
510 g

ACCU 4 ULTRA
5200 mAh
Lithium-Ion
rechargeable
battery
(included)

IP67

Ultra-powerful headlamp with CONSTANT LIGHTING technology
and ACCU 4 remote rechargeable battery. 760 lumens

Ultra-powerful uniform lighting up to 760 lumens
Long-distance beam up to 170 meters
Constant lighting guarantees brightness that doesn't diminish for the entire burn time (lamp switches to reserve mode when the battery is almost drained)
Mixed beam with four lighting levels allows the user to choose between power and burn time according to need
High-capacity ACCU 4 ULTRA Lithium-Ion remote rechargeable battery (5200 mAh)
- offers maximum burn time while reducing weight on the head
- Lithium-Ion technology for excellent performance at low temperatures
- battery may be carried under clothing/in a backpack-optimize burn time in cold conditions
- energy gauge on the battery allows the user to be aware of remaining burn time
- quick 100/240V charger incl. (charged in 6h) with interchangeable EUR/US plug
Easy to use:
- rotating selector knob is easy to use, even with gloves → rapid access to different modes
- quick connection system allows quick and easy removal of battery
- light flashes to signal transition to reserve mode
- front and back comfort plates with adjustable elastic headband for an excellent fit
Rugged:
- waterproof to -1 m for 30 minutes (no maintenance required after immersion)
- excellent resistance to falls, impacts and crushing
Weight: lamp 222 g + ACCU 4 ULTRA 288 g





SPECIALIZED SERIES

Rechargeable

ULTRA VARIO E54



Vabo Ref 11533

Constant Lighting
White Led

Reserve mode

45 lm
200 lm
520 lm
330 lm

20 m
40 m
65 m
210 m

40 h
10 h
2h30
4 h
1h/43lm

370 g

ACCU 2 ULTRA
2600 mAh
Lithium-Ion
rechargeable
battery (incl.)

IP67

Ultra-powerful multi-beam headlamp with CONSTANT LIGHTING technology and ACCU 2 rechargeable battery. 520 lumens



Ultra-powerful uniform lighting up to 520 lumens

Focused, long distance beam to 210 mtr

Constant lighting guarantees brightness that doesn't diminish for the entire burn time (lamp switches to reserve mode when the battery is almost drained)

Four lighting modes allow the user to choose the type of lighting required:

- ambient mode: wide, less powerful beam optimizes burn time and avoids blinding people

- proximity mode: flood beam for proximity vision

- movement mode: mixed beam for route-finding and illuminating large areas

- distance vision mode: highly focused beam allows maximum distance vision

ACCU 2 ULTRA Lithium-Ion high-performance rechargeable battery (2600 mAh) :

- offers the perfect balance between capacity and compactness, comfortable on the head

- Lithium-Ion technology for excellent performance at low temperatures

- energy gauge on the battery allows the user to be aware of remaining burn time

- quick 100/240V charger (charged in 3h) with interchangeable EUR/US plug incl.

Easy to use:

- rotating selector knob is easy to use, even with gloves, allowing rapid access to different modes

- quick connection system allows quick and easy removal of battery

- light flashes to signal transition to reserve mode

- front and back comfort plates with adjustable elastic headband for an excellent fit on the head

Rugged:

- waterproof to -1 m for 30 minutes (no maintenance required after immersion)

- excellent resistance to falls, impacts and crushing



SPECIALIZED SERIES

Halogen/Led combination



DUO LED 5 E69 P



Vabo Ref
96541

Constant Lighting

Halogen
Led 40 lm

100 m
28 m

4 h
65 h

300 g

4 AA

IPX 8

-1 m

Hybrid waterproof headlamp: halogen/5 LEDs. 40 lumens



All-terrain headlamp:

- rugged construction
- waterproof to -1 meter

Two light sources to choose from, depending on the activity:

- halogen light for long-range, focused lighting with adjustable zoom
- five LEDs for flood beam lighting with a long burn time

Comfortable and easy to use:

- adjustable and comfortable elastic headband
- on/off switch can be locked to prevent accidental operation
- light body can be tilted

Space for spare halogen bulb in the light body of the headlamp

Beam pattern: wide or focused

Maximum light quantity: 40 lumens

Max. lighting distance: 100 m

Max. battery life: 65 h

Battery type (included): 4x AA/LR6

Watertightness: IP X8 (waterproof to -1 meter)

Lamp comes with spare halogen bulb

Works with optional ACCU DUO rechargeable battery

Certification(s): CE

DUO LED 14 E72 P



Vabo Ref
10269

Constant Lighting

Wide or focused beam
type

Halogen
Led 67 lm

100 m
34 m
26 m
15 m

4 h
3h30
10 h
63 h

300 g

4 AA

IPX 8

-1 m

Hybrid waterproof headlamp: halogen/14 LEDs with 3 constant lighting modes. 67 lumens max



All-terrain headlamp:

- rugged construction
- waterproof to -1 meter

Two powerful light sources to choose from, depending on the activity:

- halogen light for long-range, focused lighting with adjustable zoom
- 14 LEDs for flood beam proximity lighting, with 3 lighting modes (maximum, optimum, economic)

Proximity lighting with constant brightness and a long burn time:

- 14 LEDs give constant brightness until the batteries are nearly spent
- automatically switches to reserve mode when batteries are nearly spent

Comfortable and easy to use:

- adjustable and comfortable elastic headband
- on/off switch can be locked to prevent accidental operation
- light body can be tilted

Space for spare halogen bulb in the light body of the headlamp

Works with optional ACCU DUO rechargeable battery

Beam pattern: wide or focused

Maximum light quantity: 67 lumens

Max. lighting distance: 100 m

Max. battery life: 183 h

Constant brightness: yes

PIXA 1 ATEX E78 AHB-2

Vabo Ref 11896	Constant Lighting White Led Atex Zone 2 / 22	20 lm 60 lm	10 m 15 m	16 h 3h30	160 g	2 AA	IP67	To -1 m for 30 minutes
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Headlamp suitable for proximity lighting. 60 lumens



Headlamp keeps hands free for work and can be:

- worn on the head with the headband
 - attached to the helmet with a mounting plate (included)
 - placed on the ground
- CONSTANT LIGHTING technology ensures brightness that does not gradually decrease as the battery drains
- Lighting for professionals that is reliable, practical and durable:
- two lighting modes (low and high)
 - proximity lighting mode: wide, comfortable beam for close range work
 - automatically switches to reserve mode when batteries are almost drained (signaled by blinking light)
 - rotating knob that is ergonomic, even with gloves
 - storage position helps protect the headlamp lens and prevents inadvertently turning it on
 - may be used in explosive environments
 - excellent resistance to falls (2 m), impacts, and crushing (80 kg)
 - comfortable and washable elastic headband
 - resistant to chemicals
- ATEX Zone 2/22 certified headlamp
Battery compatibility: rechargeable Ni-MH and lithium

PIXA 2 ATEX E78 BHB-2

Vabo Ref 11899	Constant Lighting White Led Atex Zone 2 / 22	20 lm 80 lm	25 m 55 m	26 h 3h30	160 g	2 AA	IP67	To -1 m for 30 minutes
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Headlamp suitable for proximity lighting and movement. 80 lumens



Headlamp keeps hands free for work and can be:

- worn on the head with the headband
 - attached to the helmet with a mounting plate (included)
 - placed on the ground
- CONSTANT LIGHTING technology ensures brightness that does not gradually decrease as the battery drains
- Several lighting modes adapt to each situation:
- low-intensity mode adapted to close-range work: mixed beam with a wide, uniform flood
 - high-intensity mode adapted to movement: mixed beam with focused component allows user to move around comfortably
- Lighting for professionals that is reliable, practical and durable:
- automatically switches to reserve mode when batteries are almost drained (signaled by blinking light)
 - rotating knob that is ergonomic, even with gloves
 - storage position helps protect the headlamp lens and prevents inadvertently turning it on
 - may be used in explosive environments
 - excellent resistance to falls (2 m), impacts, and crushing (80 kg)
 - comfortable and washable elastic headband
 - resistant to chemicals
- ATEX Zone 2/22 certified headlamp
Battery compatibility: rechargeable Ni-MH and lithium

PIXA 3 ATEX E78 CHB-2

Vabo Ref 11897	Constant Lighting White Led Atex Zone 2 / 22	20 lm 60 lm 100 lm Reserve 10 lm	15 m 45 m 90 m	26 h 6h30 3h30 13 h	160 g	2 AA	IP67	To -1 meter for 30 minutes
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Headlamp for proximity lighting, movement and long-range vision. 100 lumens



Headlamp keeps hands free for work and can be:

- worn on the head with the headband
 - attached to the helmet with a mounting plate (included)
 - placed on the ground
- CONSTANT LIGHTING technology ensures brightness that does not gradually decrease as the battery drains
- Several lighting modes adapt to each situation:
- a mode adapted for close range work: wide, uniform beam
 - a mode adapted for movement: mixed beam with focused component allows user to move around comfortably
 - a mode adapted for long-range vision: focused beam
- Lighting for professionals that is reliable, practical and durable:
- automatically switches to reserve mode when batteries are almost drained (signaled by blinking light and red indicator)
 - rotating knob that is ergonomic, even with gloves
 - storage position helps protect the headlamp lens and prevents inadvertently turning it on
 - may be used in explosive environments
 - excellent resistance to falls (2 m), impacts, and crushing (80 kg)
 - comfortable and washable elastic headband
 - resistant to chemicals
- ATEX Zone 2/22 certified headlamp
Battery compatibility: rechargeable Ni-MH and lithium

PIXA 3R ATEX E78 CHR-2 Recharg.

Vabo Ref 11858	Constant Lighting White Led Rechargeable Atex Zone 2 / 22 certified headlamp	Dimmable 20 lm 55 lm 90 lm 20 lm	Wide/Mix/Focus 15/ - / - - / 45 / 90 25 / 55 / 90 15 / 30 / 50	11 h 30 5h/3h30 3/3h30 11h30	145 g	rechargeable Lithium-Ion Polymer battery, 930 mAh	IP67	To -1 m for 30 minutes
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Rechargeable headlamp for frequent use, suitable for proximity lighting, movement and long-range vision. 90 lumens



Headlamp keeps hands free for work and can be:

- worn on the head with the headband
 - attached to the helmet with a mounting plate (included)
 - placed on the ground
- For frequent use, with integrated rechargeable Lithium-Ion polymer battery and quick charging dock (3 hours) /CONSTANT LIGHTING technology ensures brightness that does not gradually decrease as the battery drains/Several lighting modes adapt to each situation:
- for close range work(wide, uniform beam), movement(mixed beam with focused component), long-range vision (focused beam)
- Burn time parameters may be used to adapt lighting performance to need (by rapidly turning the knob): - STANDARD: balance between power and burn time - MAX AUTONOMY: burn time prioritized - MAX POWER: brightness prioritized
- Lighting for professionals that is reliable, practical and durable

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