

Emergency headlamp

e+LITE®

Headlamp for emergency situations

3 white LEDs	Maximum continuous mode	Economic continuous mode
Light quantity:	16 lumens	
Battery life:	35 h	45 h
Distance t=0:	19 m	11 m
Distance t=0h30:	12 m	10 m
Distance t=10h00:	5 m	5 m
Distance t=30h00:	3 m	3 m

TIKKA 2 - ZIPKA 2 headlamps

TIKKINA® 2

2 LED headlamp with two lighting levels

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Maximum mode	23 lumens	23 m	20 m	15 m	8 m	55 h
Economic mode		13 m	12.5 m	11 m	10 m	190 h

Performance with CORE rechargeable battery (optional)

Declining maximum mode	20 lumens	24 m	21 m	10 m	-	21 h
Declining economic mode		12 m	12 m	11 m	5 m	100 h
Constant maximum mode		23 m for 8h30				8h30
Constant economic mode		11 m for 42 h				42 h

TIKKA® 2

4 LED headlamp, three lighting modes (two continuous and one blinking)

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Maximum mode	40 lumens	29 m	23 m	14 m	6 m	90 h
Economic mode		13 m	12 m	11 m	8.5 m	120 h

Performance with CORE rechargeable battery (optional)

Declining maximum mode	35 lumens	32 m	29 m	12 m	0 m	14 h
Declining economic mode		12 m	12 m	11 m	5 m	60 h
Constant maximum mode		28 m for 5 h				5 h
Constant economic mode		14 m for 23 h				23 h

TIKKA® 2 CORE

Four LED headlamp, three lighting modes with CORE rechargeable battery and standard USB wall charger

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Declining maximum mode	35 lumens	32 m	29 m	12 m	-	14 h
Declining economic mode		12 m	12 m	11 m	5 m	60 h
Constant maximum mode		28 m for 5 h				5 h
Constant economic mode		14 m for 23 h				23 h

ZIPKA® 2

Ultra-compact 4 LED headlamp with retractable cord, three lighting modes (two continuous and one blinking)

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Maximum mode	40 lumens	29 m	23 m	14 m	6 m	90 h
Economic mode		13 m	12 m	11 m	8.5 m	120 h

Performance with CORE rechargeable battery (optional)

Declining maximum mode	35 lumens	32 m	29 m	12 m	0 m	14 h
Declining economic mode		12 m	12 m	11 m	5 m	60 h
Constant maximum mode		28 m for 5 h				5 h
Constant economic mode		14 m for 23 h				23 h

TIKKA PLUS® 2

Headlamp with 1 high-output LED, 1 red LED and five lighting modes (three continuous and two blinking)

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Maximum mode	70 lumens	40 m	28 m	15 m	4 m	70 h
Economic mode		16 m	15 m	13 m	11.5 m	185 h

Performance with CORE rechargeable battery (optional)

Declining maximum mode	52 lumens	35 m	32 m	11 m	0 m	18 h
Declining economic mode		15 m	15 m	13 m	7.5 m	95 h
Constant maximum mode	48 lumens	32 m for 5 h				5 h
Constant economic mode		12 m for 35 h				42 h

ZIPKA® PLUS 2

Ultra-compact headlamp with retractable cord, 1 high-output LED, 1 red LED and five lighting modes (three continuous and two strobe)

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Maximum mode	70 lumens	40 m	28 m	15 m	4 m	70 h
Economic mode		16 m	15 m	13 m	11.5 m	185 h

Performance with CORE rechargeable battery (optional)

Declining maximum mode	52 lumens	35 m	32 m	11 m	0 m	18 h
Declining economic mode		15 m	15 m	13 m	7.5 m	95 h
Constant maximum mode	48 lumens	32 m for 5 h				5 h
Constant economic mode		12 m for 35 h				35 h

TIKKA XP® 2

Headlamp with one high-output LED, one red LED and five lighting modes (three continuous and two blinking) and Wide Angle lens

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Maximum mode	80 lumens	68 m	47 m	22 m	5 m	70 h
Economic mode		21 m	19 m	18 m	16 m	190 h

Performance with CORE rechargeable battery (optional)

Declining maximum mode	60 lumens	58 m	48 m	18 m	0 m	17 h
Declining economic mode		18 m	18 m	16 m	10 m	85 h
Constant maximum mode	48 lumens	55 m for 4h30				4h30
Constant economic mode		16.5 m for 35 h				35 h

TIKKA XP® 2 CORE

Headlamp with one high-output LED, one red LED, five lighting modes with CORE rechargeable battery and standard USB wall charger

	Light quantity:	Distance t=0:	Distance t=0h30:	Distance t=10h00:	Distance t=30h00:	Battery life:
Declining maximum mode	60 lumens	58 m	48 m	18 m	-	17 h
Declining economic mode		18 m	18 m	16 m	10 m	85 h
Constant maximum mode	48 lumens	55 m for 4h30				4h30
Constant economic mode		16.5 m for 35 h				35 h

TACTIKKA headlamps
TACTIKKA®
Three LED headlamp with one lighting mode and red flip filter

Light quantity:	26 lumens
Battery life:	120 h
Distance t=0:	27 m
Distance t=0h30:	22 m
Distance t=10h00:	14 m
Distance t=30h00:	6 m

TACTIKKA® PLUS
Four LED headlamp with 4 lighting modes and red flip filter

4 LEDs	Maximum mode	Optimum mode	Economic mode
Light quantity:	35 lumens		
Battery life:	100 h	120 h	150 h
Distance t=0:	32 m	23 m	15 m
Distance t=0h30:	25 m	20 m	14 m
Distance t=10h00:	15 m	13 m	11 m
Distance t=30h00:	5 m	6 m	9 m

TACTIKKA® PLUS ADAPT
4 LED headlamp with 4 lighting modes, red flip filter and ADAPT system

4 LEDs	Maximum mode	Optimum mode	Economic mode
Light quantity:	35 lumens		
Battery life:	100 h	120 h	150 h
Distance t=0:	32 m	23 m	15 m
Distance t=0h30:	25 m	20 m	14 m
Distance t=10h00:	15 m	13 m	11 m
Distance t=30h00:	5 m	6 m	9 m

TACTIKKA® XP
Powerful headlamp, 4 lighting modes, Boost mode and Wide Angle lens

1 high-output LED	Maximum mode	Optimum mode	Economic mode
Light quantity:	40 lumens		
Battery life:	60 h	80 h	120 h
Distance t=0:	35 m	27 m	18 m
Distance t=0h30:	30 m	25 m	17 m
Distance t=10h00:	20 m	19 m	15 m
Distance t=30h00:	7 m	9 m	13 m

TACTIKKA® XP ADAPT

High-output headlamp, 4 lighting modes, Boost mode, colored Wide Angle lens and ADAPT system

1 high-output LED	Maximum mode	Optimum mode	Economic mode
Light quantity:	40 lumens		
Battery life:	60 h	80 h	120 h
Distance t=0:	35 m	27 m	18 m
Distance t=0h30:	30 m	25 m	17 m
Distance t=10h00:	20 m	19 m	15 m
Distance t=30h00:	7 m	9 m	13 m

MYO headlamp
MYO® RXP
Powerful, programmable headlamp, 4 constant lighting modes, Boost mode and Wide Angle lens

Program level:	Light quantity:	Distance:	Reserve battery life:	Total battery life:
no. 1	8 lumens	23 m for 35 h	60 h	95 h
no. 2	13 lumens	28 m for 22 h	48 h	70 h
no. 3	17 lumens	32 m for 16 h	49 h	65 h
no. 4	25 lumens	39 m for 10 h	50 h	60 h
no. 5	34 lumens	45 m for 4 h	54 h	58 h
no. 6	51 lumens	56 m for 3 h	53 h	56 h
no. 7	59 lumens	60 m for 2 h	53 h	55 h
no. 8	71 lumens	64 m for 1 h	53 h	54 h
no. 9	85 lumens	72 m	-	52 h
no. 10	140 lumens	77 m	-	50 h
Boost	160 lumens	97 m	-	-

DUO headlamps

DUO® LED 5

Hybrid waterproof headlamp: halogen and 5 LEDs

	5 LEDs	Halogen
Light quantity:	40 lumens	
Battery life:	65 h	4 h
Distance t=0:	28 m	100 m
Distance t=0h30:	24 m	70 m
Distance t=10h00:	20 m	-
Distance t=30h00:	10 m	-

DUOBELT LED 5

Hybrid waterproof headlamp: halogen and 5 LEDs and remote rechargeable battery pack

	5 LEDs	Halogen
Light quantity:	40 lumens	
Battery life:	350 h	11h30
Distance t=0:	28 m	100 m
Distance t=0h30:	24 m	80 m
Distance t=10h00:	20 m	35 m
Distance t=30h00:	19 m	-

DUO® LED 14

Hybrid waterproof headlamp: halogen and 14 LEDs with three constant lighting modes

	14 LEDs wide beam Maximum mode	14 LEDs wide beam Optimum mode	14 LEDs wide beam Economic mode	Halogen (focused beam)
Light quantity:	67 lumens			
Total battery life:	148 h	183 h	110 h	4 h
Distance t=0:				100 m
Distance t=0h30:	34 m for 3h30	26 m for 10 h	15 m for 63 h	70 m
Distance t=10h00:				-
Distance t=30h00:				-

DUO® LED 14 ACCU

Hybrid waterproof headlamp: halogen / 14 LEDs with three constant lighting modes with rechargeable battery and remote battery pack

	14 LEDs Maximum mode	14 LEDs Optimum mode	14 LEDs Economic mode	Halogen
Light quantity:	67 lumens			
Total battery life:	33 h	40 h	96 h	5h30
Distance t=0:				100 m
Distance t=0h30:	34 m for 5 h	26 m for 17 h	15 m for 70 h	70 m
Distance t=10h00:				-
Distance t=30h00:				-

DUOBELT LED 14

Hybrid waterproof headlamp: halogen and 14 LEDs with 3 constant lighting modes and remote battery pack

	14 LEDs Maximum mode	14 LEDs Optimum mode	14 LEDs Economic mode	Halogen
Light quantity:	67 lumens			
Total battery life:	295 h	305 h	430 h	11h30
Distance t=0:	34 m for 9h30	26 m for 35 h	15 m for 210 h	100 m
Distance t=0h30:				70 m
Distance t=10h00:				35 m
Distance t=30h00:				-

FIXO DUO® LED 14

Hybrid headlamp for attachment to helmet: halogen and 14 LEDs with 3 constant lighting modes

	14 LEDs Maximum mode	14 LEDs Optimum mode	14 LEDs Economic mode	Halogen
Light quantity:	67 lumens			
Total battery life:	183 h	148 h	110 h	4 h
Distance t=0:	34 m for 3h30	26 m for 10 h	15 m for 63 h	100 m
Distance t=0h30:				70 m
Distance t=10h00:				-
Distance t=30h00:				-

SPELIOS

Caving helmet with hybrid lighting: halogen / 14 LEDs with three constant lighting modes

	14 LEDs wide beam Maximum mode	14 LEDs wide beam Optimum mode	14 LEDs wide beam Economic mode	Halogen (focused beam)
Light quantity:	67 lumens			
Total battery life:	148 h	183 h	110 h	4 h
Distance t=0:	34 m for 3h30	26 m for 10 h	15 m for 63 h	100 m
Distance t=0h30:				70 m
Distance t=10h00:				-
Distance t=30h00:				-

ULTRA headlamps

ULTRA WIDE

Ultra-powerful headlamp, 4 constant lighting modes, ACCU 2 ULTRA rechargeable battery

	Mode 1	Mode 2	Mode 3	Mode 4
Light quantity:	300 lumens			
Total battery life	25h10	9h15	5h05	2 h
Distance	17 m for 25 h	32 m for 9 h	41 m for 4h45	59 m for 1h30

ULTRA

Ultra-powerful headlamp, 3 constant lighting modes, ACCU 2 ULTRA rechargeable battery

	Maximum mode	Optimum mode	Economic mode
Light quantity:	350 lumens	190 lumens	50 lumens
Total battery life	2 h	5h05	16h55
Distance	120 m for 1h30	80 m for 4h45	40 m for 16h45

ULTRA BELT

Ultra-powerful headlamp, 3 constant lighting modes, ACCU 4 ULTRA remote rechargeable battery

	Maximum mode	Optimum mode	Economic mode
Light quantity:	350 lumens	190 lumens	50 lumens
Total battery life	4 h	10 h	34h20
Distance	120 m for 3h15	80 m for 9h30	40 m for 34 h

TRIOS

Caving helmet with ultra-powerful lighting, four constant lighting modes and ACCU 2 ULTRA rechargeable battery

	Mode 1	Mode 2	Mode 3	Mode 4
Light quantity:	300 lumens			
Total battery life	25h10	9h15	5h05	2 h
Distance	17 m for 25 h	32 m for 9 h	41 m for 4h45	59 m for 1h30

NAO

NAO

Rechargeable headlamp with self-adjusting lighting - REACTIVE LIGHTING technology

Lighting performance

NAO		Light quantity	Distance	Battery life
REACTIVE LIGHTING technology	level 1	7 <-> 355 lumens	9 <-> 108 m	~ 4 h 40*
	level 2	7 <-> 98 lumens	9 <-> 55 m	~ 8 h*
Constant lighting	level 1	315 lumens	93 m	1 h 20
	level 2	88 lumens	48 m	8 h

* Battery life varies with use