

Signal / emergency headlamps

SIGNAL E05 P

Beam pattern:	wide	
<i>3 LEDs</i>	continuous	flashing
Battery life:	40 h	120 h
Distance (1) t=0:	1000 m	1000 m
Distance (1) t=0h30 :	500 m	500 m
Distance (1) t=10h :	350 m	250 m
Distance (1) t=30h :	150 m	200 m

(1) Maximum distances which light remains visible

e+LITE® E02 P2

Light output:	16 lumens	
Beam pattern:	wide	
<i>3 white LEDs</i>	continuous	
	maximum	economic
Battery life:	35 h	45 h
Distance t=0:	19 m	11 m
Distance t=0h30:	12 m	10 m
Distance t=10h:	5 m	5 m
Distance t=30h:	3 m	3 m

Maximum distances which light remains visible:		
<i>3 white LEDs</i>	flashing	
Battery life:	70 h	
Distance t=0:	3000 m	
Distance t=0h30:	1500 m	
Distance t=10h:	1250 m	
Distance t=30h:	900 m	
<i>1 red LED</i>	continuous	flashing
Battery life:	45 h	70 h
Distance t=0:	1000 m	1000 m
Distance t=0h30:	800 m	800 m
Distance t=10h:	500 m	700 m
Distance t=30h:	300 m	600 m

Headlamps: TIKKA^{®2} - ZIPKA^{®2} series

		Lighting level	Distance				Battery life	Light output	Beam pattern
			t = 0	t = 0 h 30	t = 10 h	t = 30 h			
TIKKINA^{®2} E91 PE - E91 PO - E91 PL - E91 PF	Non-regulated	maximum	23 m	20 m	15 m	8 m	55 h	23 lumens	wide
		economic	13 m	12,5 m	11 m	10 m	190 h	-	
TIKKINA^{®2} + Accu CORE	Non-regulated	maximum	24 m	21 m	10 m	0 m	21 h	20 lumens	wide
		economic	12 m	12 m	11 m	5 m	100 h	-	
	Regulated	maximum	23 m -> 8 h 30				8 h 30	-	
		economic	11 m -> 42 h				42 h	-	
TIKKINA^{®2} E93 PS - E93 PT ZIPKA^{®2} E94 PS - E94 PT	Non-regulated	maximum	29 m	23 m	14 m	6 m	90 h	40 lumens	wide
		economic	13 m	12 m	11 m	8,5 m	120 h	-	
		strobe	5000 m *	4500 m *	4000 m *	3800 m *	300 h	-	
TIKKINA^{®2} + Accu CORE TIKKINA^{®2} CORE E93 ACS - E93 ASB ZIPKA^{®2} + Accu CORE	Non-regulated	maximum	32 m	29 m	12 m	0 m	14 h	35 lumens	wide
		economic	12 m	12 m	11 m	5 m	60 h	-	
		strobe	-	-	-	-	-	-	
	Regulated	maximum	28 m -> 5 h				5 h	-	
		economic	14 m -> 23 h				23 h	-	
		strobe	4000 m * -> 65 h				-	-	
TIKKA PLUS^{®2} E97 PM - E97 PP TIKKA PLUS^{®2} ADAPT E97 PMA ZIPKA[®] PLUS² E98 PM - E98 PP	Non-regulated	maximum	35 m	26 m	15 m	5 m	55 h	50 lumens	wide or focused
		economic	13 m	12 m	11 m	9 m	140 h	-	
		strobe	5000 m *	4500 m *	4000 m *	3800 m *	300 h	-	
		continuous red	1000 m *	950 m *	850 m *	800 m *	100 h	-	
		red strobe	1000 m *	950 m *	850 m *	800 m *	750 h	-	
TIKKA PLUS^{®2} + Accu CORE TIKKA PLUS^{®2} ADAPT + Accu CORE ZIPKA[®] PLUS² + Accu CORE	Non-regulated	maximum	32 m	29 m	12 m	0 m	12 h	42 lumens	wide or focused
		economic	12 m	12 m	11 m	5 m	65 h	-	
		strobe	-	-	-	-	-	-	
		continuous red	-	-	-	-	-	-	
		red strobe	-	-	-	-	-	-	
TIKKA PLUS^{®2} + Accu CORE TIKKA PLUS^{®2} ADAPT + Accu CORE ZIPKA[®] PLUS² + Accu CORE	Regulated	maximum	27 m -> 5 h				5 h	-	wide or focused
		economic	10 m -> 35 h				35 h	-	
		strobe	4000 m * -> 60 h				60 h	-	
		continuous red	810 m * -> 33 h				33 h	-	
		red strobe	810 m * -> 200 h				200 h	-	

		Lighting level	Distance				Battery life	Light output	Beam pattern
			t = 0	t = 0 h 30	t = 10 h	t = 30 h			
TIKKA XP® 2 E99 PG - E99 PI	Non-regulated	maximum	60 m	38 m	18 m	6 m	80 h	60 lumens	wide or focused
		economic	17 m	16 m	15 m	14 m	160 h	-	
		strobe	8400 m *	8400 m *	7200 m *	6300 m *	240 h	-	
		continuous red	1000 m *	950 m *	850 m *	800 m *	100 h	-	
		red strobe	1000 m *	950 m *	850 m *	800 m *	750 h	-	
TIKKA XP® 2 + Accu CORE TIKKA XP® 2 CORE E99 ACG - E99 AGB	Non-regulated	maximum	46 m	40 m	14 m	0 m	13 h	50 lumens	wide or focused
		economic	15 m	15 m	15 m	7 m	70 h	-	
		strobe	-	-	-	-	-	-	
		continuous red	-	-	-	-	-	-	
		red strobe	-	-	-	-	-	-	
	Regulated	maximum	40 m -> 4 h 30				4 h 30	-	
		economic	14 m -> 35 h				35 h	-	
		strobe	5500 m -> 55 h				55 h	-	
		continuous red	810 m -> 33 h				33 h	-	
		red strobe	810 m -> 200 h				200 h	-	

* Maximum distances which light remains visible.

	Lighting level	Distance				Battery life	Light output	Beam pattern
		t = 0	t = 0 h 30	t = 10 h	t = 30 h			
TACTIKKA® E46 P2 - E46 PC2	-	27 m	22 m	14 m	6 m	120 h	26 lumens	wide
TACTIKKA® PLUS E49 P - E49 PC	maximum	32 m	25 m	15 m	5 m	100 h	35 lumens	wide
TACTIKKA® PLUS ADAPT E49 P - E49 PC	optimum	23 m	20 m	13 m	6 m	120 h		
	economic	15 m	14 m	11 m	9 m	150 h		
TACTIKKA® XP E89 PC - E89 PD TACTIKKA® XP ADAPT E89 P	maximum	35 m	30 m	20 m	7 m	60 h	40 lumens (Boost)	wide or focused
	optimum	27 m	25 m	19 m	9 m	80 h		
	economic	18 m	17 m	15 m	13 m	120 m		
	Boost	50 m	-	-	-	-		

Headlamps: MYO® series

	Lighting level	Distance				Battery life	Light output	Beam pattern
		t = 0	t = 0 h 30	t = 10 h	t = 30 h			
MYO® XP E83 P2 MYO® XP BELT E84 P2	maximum	72 m	59 m	39 m	16 m	80 h	150 lumens (Boost)	wide or focused
	optimum	54 m	47 m	36 m	21 m	100 h		
	economic	34 m	31 m	27 m	24 m	180 h		
	Boost	97 m	-	-	-	-		
MYO® RXP E87 P	program no. 1	23 m --> 35 h				95 h	8 lumens	wide or focused
	program no. 2	28 m --> 22 h				70 h	13 lumens	
	program no. 3	32 m --> 16 h				65 h	17 lumens	
	program no. 4	39 m --> 10 h				60 h	25 lumens	
	program no. 5	45 m --> 4 h				58 h	34 lumens	
	program no. 6	56 m --> 3 h				56 h	51 lumens	
	program no. 7	60 m --> 2 h				55 h	59 lumens	
	program no. 8	64 m --> 1 h				54 h	71 lumens	
	program no. 9	72 m	66 m	22 m	9 m	52 h	85 lumens	
	program no. 10	77 m	68 m	21 m	9 m	50 h	140 lumens	
Boost	97 m	-	-	-	-	160 lumens		

Headlamps: DUO® series

	Lighting level	Distance				Battery life	Light output	Beam pattern
		t = 0	t = 0 h 30	t = 10 h	t = 30 h			
DUO® LED 5 E69 P	-	100 m	70 m	-	-	4 h	40 lumens (5 Leds)	wide or focused
	-	28 m	24 m	20 m	10 m	65 h		
	-	100 m	75 m	-	-	5 h 30		
	-	24 m --> 12 h				30 h		
DUO® LED 14 E72 P	-	100 m	70 m	-	-	4 h	67 lumens (14 Leds)	wide or focused
	maximum	34 m --> 3 h 30		9 m	-	183 h 30		
	optimum	26 m --> 10 h				148 h		
	economic	15 m --> 63 h				110 h		
DUO® LED 14 ACCU E72 AC	-	100 m	75 m	-	-	5 h 30	67 lumens (14 Leds)	wide or focused
	maximum	34 m --> 5 h		9 m	-	33 h		
	optimum	26 m --> 17 h				40 h		
	economic	15 m --> 70 h				96 h		
DUOBELT® LED 5 E73 P	-	100 m	80 m	35 m	-	11 h 30 m	40 lumens (5 Leds)	wide or focused
	-	28 m	24 m	22 m	19 m	350 h		
DUOBELT® LED 14 E76 P	-	100 m	80 m	35 m	-	11 h 30	67 lumens (14 Leds)	wide or focused
	maximum	34 m --> 9 h 30		9 m	-	294 h 30		
	optimum	26 m --> 35 h				305 h		
	economic	15 m --> 210 h				430 h		

Headlamps: ULTRA series

	Lighting level	Distance				Battery life	Light output	Beam pattern
		t = 0	t = 0 h 30	t = 10 h	t = 30 h			
ULTRA E52 AC	maximum	120 m --> 1 h 30				2 h	350 lumens	wide or focused
	optimum	80 m --> 4 h 45				5 h 05		
	economic	40 m --> 16 h 45				16 h 55		
ULTRA BELT (ACCU 2) E53 AC2	maximum	120 m --> 1 h 30				2 h	350 lumens	wide or focused
	optimum	80 m --> 4 h 45				5 h 05		
	economic	40 m --> 16 h 45				16 h 55		
ULTRA BELT (ACCU 4) E53 AC	maximum	120 m --> 3 h 15				4 h	350 lumens	wide or focused
	optimum	80 m --> 9 h 30				10 h		
	economic	40 m --> 34 h 00				34 h 20		
ULTRA WIDE E52 ACW TRIOS E75 UW	mode 1	17 m --> 25 h				25 h 10	300 lumens	wide
	mode 2	32 m --> 9 h				9 h 15		
	mode 3	41 m --> 4 h 45				5 h 05		
	mode 4	59 m --> 1 h 30				2 h		