

# Technical data for headlamps



	Reference	Weight		Water resistance	Batteries	Bulbs / LEDs	Regulated	Lighting level	Distance				Battery life		Beam pattern		Light quantity (lumens)			
		including batteries	worn on head						t = 0	t = 0 h 30	t = 10 h	t = 30 h	total	reserve	wide	focused				
Compact headlamps																				
<b>TIKKA XP ATEX</b>	E81 PEX	95 g / 3.4 oz		water resistant IPX4	LR03 / AAA x 3	High-output LED	-	maximum	35 m / 115 ft	30 m / 98 ft	20 m / 66 ft	7 m / 23 ft	60 h	/	X	X	40 lm (Boost mode)	<b>TIKKA XP ATEX</b>		
								optimum	27 m / 89 ft	25 m / 82 ft	19 m / 62 ft	9 m / 30 ft	80 h	/						
<b>TIKKA XP HAZLOC</b>	E81 PHZ							economic	18 m / 59 ft	17 m / 56 ft	15 m / 49 ft	13 m / 43 ft	120 h	/						
								Boost	50 m / 165 ft	/	/	/	/	/						
<b>ZIPKA PLUS</b>	E48 PBY	65 g / 2.3 oz		water resistant IPX4	LR03 / AAA x 3	Led x 4	-	maximum	32 m / 105 ft	25 m / 82 ft	15 m / 49 ft	5 m / 16 ft	100 h	/	X	-	35 lm (maximum level)	<b>ZIPKA PLUS</b>		
		optimum	23 m / 75 ft					20 m / 66 ft	13 m / 43 ft	6 m / 20 ft	120 h	/								
<b>TIKKA PLUS</b>	E47 PBY	78 g / 2.8 oz						economic	15 m / 49 ft	14 m / 46 ft	11 m / 36 ft	9 m / 30 ft	150 h	/						
<b>ZIPKA</b>	E44 PBY	65 g / 2.3 oz		water resistant IPX4	LR03 / AAA x 3	Led x 3	-	-	27 m / 89 ft	22 m / 72 ft	14 m / 46 ft	6 m / 20 ft	120 h	/	X	-	26 lm	<b>ZIPKA</b>		
<b>TIKKA</b>	E43 PBY	78 g / 2.8 oz						-	23 m / 75 ft	20 m / 66 ft	15 m / 49 ft	8 m / 26 ft	140 h	/						
<b>TIKKINA</b>	E41 PBY	78 g / 2.8 oz		water resistant IPX4	LR03 / AAA x 3	Led x 2	-	-	23 m / 75 ft	20 m / 66 ft	15 m / 49 ft	8 m / 26 ft	140 h	/	X	-	18 lm	<b>TIKKINA</b>		
Headlamps with two light sources																				
<b>DUO ATEX LED 5</b>	E61L5 3	380 g / 13.4 oz		waterproof - 5 m IP 68	rechargeable battery NiMH	Powerful 1 W LED	X	-	50 m / 165 ft --> 10 h 30	50 m / 165 ft	/	10 h 30	/	-	X	30 lm (high-output LED)	<b>DUO ATEX LED 5</b>			
						Led x 5		-	22 m / 72 ft --> 13 h				31 h	18 h	X	-				
<b>DUO LED 5</b>	E69 P	300 g / 10.6 oz		waterproof - 5 m IP X8	LR6 / AA x 4	halogen	-	-	100 m / 328 ft	70 m / 230 ft	/	/	4 h	/	-	X	40 lm (5 LEDs)	<b>DUO LED 5</b>		
		380 g / 13.4 oz		waterproof - 5 m IP X8	rechargeable battery NiMH (optional)	halogen	-	-	100 m / 328 ft	75 m / 246 ft	/	/	5 h 30	/	-	X				
						Led x 5	-	-	24 m / 79 ft --> 12 h				30 h	18 h	X	-				
<b>DUO LED 14</b>	E72 P	300 g / 10.6 oz		waterproof - 5 m IP X8	LR6 / AA x 4	halogen	X	-	100 m / 328 ft	70 m / 230 ft	/	/	4 h	/	-	X	67 lm (14 LEDs)	<b>DUO LED 14</b>		
									optimum	26 m / 85 ft --> 10 h				148 h	138 h					
									maximum	34 m / 112 ft --> 3 h 30	9 m / 30 ft	/	183 h 30	180 h						
									economic	15 m / 49 ft --> 63 h				110 h	47 h					
<b>DUO LED 14 ACCU</b>	E72 AC	380 g / 13.4 oz		waterproof - 5 m IP X8	rechargeable battery NiMH	halogen	X	-	100 m / 328 ft	75 m / 246 ft	/	/	5 h 30	/	-	X	67 lm (14 LEDs, maximum level)	<b>DUO LED 14 ACCU</b>		
									optimum	26 m / 85 ft --> 17 h				40 h	23 h					
									maximum	34 m / 112 ft --> 5 h	9 m / 30 ft	/	33 h	28 h						
									economic	15 m / 49 ft --> 70 h				96 h	26 h					
<b>DUOBELT LED 5</b>	E73 P	550 g / 19.4 oz	140 g / 4.9 oz	waterproof - 5 m IP X8	LR14 / C x 4	halogen	-	-	100 m / 328 ft	80 m / 262 ft	35 m / 115 ft		11 h 30	/	-	X	40 lm (5 LEDs)	<b>DUOBELT LED 5</b>		
									Led x 5	-	28 m / 92 ft	24 m / 79 ft	22 m / 72 ft	19 m / 62 ft	350 h	/			X	-
<b>DUOBELT LED 14</b>	E76 P	550 g / 19.4 oz	140 g / 4.9 oz	waterproof - 5 m IP X8	LR14 / C x 4	halogen	X	-	100 m / 328 ft	80 m / 262 ft	35 m / 115 ft	/	11 h 30	/	-	X	67 lm (14 LEDs, maximum level)	<b>DUOBELT LED 14</b>		
									optimum	26 m / 85 ft --> 35 h				305 h	270 h					
									maximum	34 m / 112 ft --> 9 h 30	9 m / 30 ft	/	294 h 30	285 h						
									economic	15 m / 49 ft --> 210 h				430 h	220 h					
<b>MYO XP</b>	E83 P2	175 g / 6.2 oz		water resistant IPX4	LR6 / AA x 3	High-output LED	-	maximum	72 m / 236 ft	59 m / 194 ft	39 m / 128 ft	16 m / 52 ft	80 h	/	X	X	150 lm (Boost mode)	<b>MYO XP</b>		
									optimum	54 m / 177 ft	47 m / 154 ft	36 m / 118 ft	21 m / 69 ft	100 h					/	
									economic	34 m / 112 ft	31 m / 102 ft	27 m / 89 ft	24 m / 79 ft	180 h					/	
									Boost	97 m / 318 ft	/	/	/	/					/	
<b>MYO 3 noir</b>	E27 PN	240 g / 8.5 oz		water resistant IPX4	LR6 / AA x 4	xenon halogen	-	-	90 m / 295 ft	60 m / 197 ft	/	/	4 h	/	X	X	40 lm (xenon halogen)	<b>MYO 3 noir</b>		
									standard (optional)	-	35 m / 115 ft	30 m / 98 ft	15 m / 49 ft	/					10 h 30	/
									Led x 3	-	25 m / 82 ft	22 m / 72 ft	19 m / 62 ft	10 m / 33 ft					130 h	/
<b>ZOOM HALOGENE</b>	E22 NOI	170 g / 6.0 oz		water resistant	3LR12	halogen	-	-	90 m / 295	60 m / 197 ft	/	/	9 h	/		X	35 lm	<b>ZOOM HALOGENE</b>		
Ultra-powerful headlamps																				
<b>ULTRA</b>	E52 AC	345 g / 12.2 oz		water resistant IP66	ACCU 2 ULTRA Li-Ion 2000 mAh	High-output LED x 6	X	maximum	120 m / 394 ft --> 1 h 30				30 min	2 h	X	X	350 lm (maximum level)	<b>ULTRA</b>		
										optimum	80 m / 262 ft --> 4 h 45								20 min	5 h
										economic	40 m / 131 ft --> 16 h 45								10 min	16 h 55
<b>ULTRA BELT</b>	E53 AC	495 g / 17.5 oz	230 g / 8.1 oz	water resistant IP66	ACCU 4 ULTRA Li-Ion 4000 mAh	High-output LED x 6	X	maximum	120 m / 394 ft --> 3 h 15				45 min	4 h	X	X	350 lm (maximum level)	<b>ULTRA BELT</b>		
										optimum	80 m / 262 ft --> 9 h 30								30 min	10 h
										economic	40 m / 131 ft --> 34 h								20 min	34 h 20
Emergency lighting and signal lighting																				
<b>e+LITE</b>	E02 P	27 g / 0.95 oz		waterproof - 1 m IP 68	CR2032 x 2	Led x 3 Red LED X 1	-	maximum	19 m / 62 ft	12 m / 39 ft	5 m / 16 ft	3 m / 10 ft	35 h	/	X	-	16 lm (maximum level)	<b>e+LITE</b>		
										economic	11 m / 36 ft	10 m / 33 ft	5 m / 16 ft	3 m / 10ft					45 h	/
<b>SIGNAL</b>	E05 P	22 g / 0.78 oz		waterproof - 1 m IP 68	CR2032 x 2	Red LED X 3	-	constant	1000 m 0.62 miles	/	/	/	40 h	/	X	-	-	<b>SIGNAL</b>		
										flashing	1000 m 0.62 miles	/	/	/					120 h	/