

## Compact, rugged headlamps

### PIXA 1

Headlamp with wide, uniform beam, designed for close-range work

	Wide uniform beam designed for close-range work
Constant lighting:	yes
Distance and battery life:	15 m for 12 h
Light quantity:	25 lumens
Distance (ANSI/NEMA FL1):	17 m
Battery life (ANSI/NEMA FL1):	20h30
Light quantity (ANSI/NEMA FL1):	30 lumens

### PIXA 2

Headlamp with mixed beam, designed for close-range work and for movement

	Mixed beam with a wide uniform base, suitable for close-range work	Mixed beam with a focused component for moving around the work area
Constant lighting:	yes	yes
Distance and battery life:	20 m -> 12 h	30 m -> = 6 h
Light quantity:	30 lumens	40 lumens
Distance (ANSI/NEMA FL1):	30 m	40 m
Battery life (ANSI/NEMA FL1):	39h20	18h10
Light quantity (ANSI/NEMA FL1):	36 lumens	62 lumens

### PIXA 3

Multi-beam headlamp adapted for close-range work, for moving around and for long-range vision

	Wide uniform beam designed for close-range work	Mixed beam with a focused component for moving around the work area	Highly focused beam adapted for distance vision
Constant lighting:	yes	yes	yes
Distance and battery life:	15 m for 12 h	30 m for 6 h	55 m for 3 h
Light quantity:	30 lumens	40 lumens	50 lumens
Distance (ANSI/NEMA FL1):	17 m	40 m	78 m
Battery life (ANSI/NEMA FL1):	24 h	21 h	4h10
Light quantity (ANSI/NEMA FL1):	35 lumens	45 lumens	60 lumens

## PIXA 3R

Rechargeable multibeam headlamp with configurable performance

	Petzl reference scale		Reference - ANSI/NEMA FL1		
	Distance and battery life	Light quantity	Distance	Battery life	Light quantity
STANDARD configuration					
Beam adapted for close-range work	15 m for 12 h	25 lumens	16 m	14 h	27 lumens
Beam adapted for moving around	35 m for 6 h	35 lumens	36 m	6h30	40 lumens
Beam adapted for distance vision	75 m for 3 h	50 lumens	77 m	3 h	60 lumens
MAX EFFICIENCY configuration					
Beam adapted for close-range work	15 m for 12 h	25 lumens	16 m	14 h	27 lumens
Beam adapted for moving around	25 m for 12 h	25 lumens	26 m	14 h	27 lumens
Beam adapted for distance vision	40 m for 12 h	25 lumens	43 m	14 h	27 lumens
MAX POWER configuration					
Beam adapted for close-range work	25 m for 3 h	50 lumens	26 m	3 h	60 lumens
Beam adapted for moving around	45 m for 3 h	50 lumens	47 m	3 h	60 lumens
Beam adapted for distance vision	75 m for 3 h	50 lumens	77 m	3 h	60 lumens

## Ultra-compact headlamp

### ZIPKA®

Ultra-compact headlamp with retractable cord and wide beam for close-range work

	Wide beam designed for close-range work
Constant lighting:	yes
Distance and battery life:	13 m for 12 h
Light quantity:	17 lumens
Distance (ANSI/NEMA FL1):	15 m
Battery life (ANSI/NEMA FL1):	13h30
Light quantity (ANSI/NEMA FL1):	21 lumens

Hybrid headlamps

## DUO ATEX LED 5

Hybrid waterproof headlamp for use in hazardous locations: 1 high-output LED / 5 LEDs

	1 W LED focused beam	5 LEDs wide beam
Constant lighting:	yes	yes
Distance and battery life:	50 m for 10h30	22 m for 13h00
Light quantity:	30 lumens	-
Reserve battery life:	-	18 h
Distance (ANSI/NEMA FL1):	-	-
Battery life (ANSI/NEMA FL1):	-	-
Light quantity (ANSI/NEMA FL1):	-	-

## DUO LED 5

Hybrid waterproof headlamp: halogen / 5 LEDs

	Halogen focused beam (with batteries)	5 LEDs wide beam (with batteries)	Halogen focused beam (with rechargeable battery)	5 LEDs wide beam (with rechargeable battery)
Constant lighting:	no	no	no	yes
Distance:	t=0: 100 m t=0h30: 70 m	t=0: 28 m t=0h30: 24 m t=10h: 20 m t=30h: 10 m	t=0: 100 m t=0h30: 75 m	24 m
Total battery life:	4h00	65h00	5h30	12 h
Reserve battery life:	-	-	-	18h00
Light quantity:	-	40 lumens	-	40 lumens
Distance (ANSI/NEMA FL1):	-	-	-	-
Battery life (ANSI/NEMA FL1):	-	-	-	-
Light quantity (ANSI/NEMA FL1):	-	-	-	-

## DUO LED 14

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

	Halogen (focused beam)	14 LEDs wide beam Optimum	14 LEDs wide beam Maximum	14 LEDs wide beam Economic
Constant lighting:	no	yes	yes	yes
Distance:	t=0: 100 m t=0h30: 70 m	26 m	34 m	15 m
Battery life:	4 h	10 h	3h30	63h00
Reserve battery life:	-	138 h	180 h	47 h
Light quantity:	-	-	67 lumens	-
Distance (ANSI/NEMA FL1):	-	-	-	-
Battery life (ANSI/NEMA FL1):	-	-	-	-
Light quantity (ANSI/NEMA FL1):	-	-	-	-

## DUO LED 14 ACCU

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

	Halogen (focused beam)	14 LEDs wide beam Optimum	14 LEDs wide beam Maximum	14 LEDs wide beam Economic
Constant lighting:	no	yes	yes	yes
Distance:	t=0: 100 m t=0h30: 75 m	26 m	34 m	15 m
Total battery life:	5h30	17 h	5 h	70 h
Reserve battery life:	-	23h00	28h00	26h00
Light quantity:	-	-	67 lumens	-
Distance (ANSI/NEMA FL1):	-	-	-	-
Battery life (ANSI/NEMA FL1):	-	-	-	-
Light quantity (ANSI/NEMA FL1):	-	-	-	-

## DUOBELT LED 5

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

	Halogen (focused beam)	5 LEDs wide beam
Constant lighting:	no	no
Distance:	t=0: 100 m t=0h30: 80 m t=10h: 35 m	t=0: 28 m t=0h30: 24 m t=10h: 22 m t=30h: 19 m
Total battery life	11h30	350 h
Reserve battery life:	-	-
Light quantity:	-	40 lumens
Distance (ANSI/NEMA FL1):	-	-
Battery life (ANSI/NEMA FL1):	-	-
Light quantity (ANSI/NEMA FL1):	-	-

## DUOBELT LED 14

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

14 LEDs wide beam	Halogen (focused beam)	14 LEDs wide beam Optimum	14 LEDs wide beam Maximum	14 LEDs wide beam Economic
Constant lighting:	no	yes	yes	yes
Distance:	t=0: 100 m t=0h30: 80 m t=10h: 35 m	26 m	34 m	15 m
Total battery life:	11h30	35 h	9h30	210 h
Reserve battery life:	-	270 h	285 h	220 h
Light quantity:	-	-	67 lumens	-
Distance (ANSI/NEMA FL1):	-	-	-	-
Battery life (ANSI/NEMA FL1):	-	-	-	-
Light quantity (ANSI/NEMA FL1):	-	-	-	-

## 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
Total battery life:	183 h	148 h	110 h	4 h
Distance t=0:	34 m -> 3h30	26 m -> 10 h	15 m -> 63 h	100 m
Distance t=0h30:	34 m -> 3h30	26 m -> 10 h	15 m -> 63 h	70 m
Distance t=10h00:	9 m	26 m -> 10 h	15 m -> 63 h	-
Distance t=30h00:	-	-	15 m -> 63 h	-

### Powerful headlamps

## ULTRA

Powerful headlamp, three constant lighting modes, ACCU 2 ULTRA rechargeable battery

	Maximum mode	Optimum mode	Economic mode
Constant lighting:	yes	yes	yes
Distance and battery life:	120 m for 1h30	80 m for 4h45	40 m for 16h45
Light quantity:	350 lumens	190 lumens	50 lumens

## ULTRA BELT ACCU 4

Powerful headlamp, three constant lighting modes, ACCU 4 ULTRA and remote rechargeable battery

	Maximum mode	Optimum mode	Economic mode
Constant lighting:	yes	yes	yes
Distance and battery life:	120 m for 3h15	80 m for 9h30	40 m for 34 h
Light quantity:	350 lumens	190 lumens	50 lumens