ExMP21N
Explosion Proof LED Torch

⊟ + ⊟ LR6AA	I Ma	II 0/1/2	III 21/22
Alkaline Battery	Mine	Gas	Dust

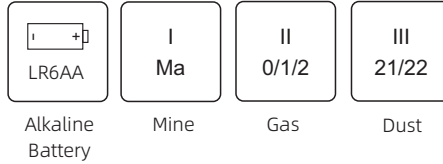Alkaline Battery

Description

- Suitable for explosive environment class I, class II zone 0, 1, 2, class III zone 21, 22 and other professional portable lighting.

- Intrinsically safe explosion-proof design.

- The body is made of permanent anti-static,anti-aging and anti-corrosion high-strength alloy plastic injection molding, compact and lightweight, easy to carry.

- Professional optical lens design, soft illumination, uniform spot, in line with GB 30734 fire protection standard.

	24	48 cm/Φ
	1090	620 lux
1		2 m
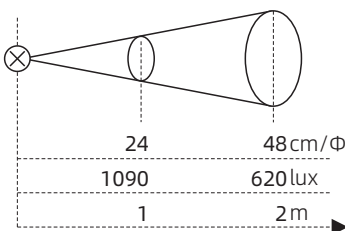
Parameters

Certifications:	IECEx, ATEX
Ex mark:	IECEx: Ex ia I Ma; Ex ia IIC T4/T3 Ga; Ex ib IIIB T130℃ Db
	ATEX: ⟨Ex⟩ I M1 Ex ia I Ma; ⟨Ex⟩ II 1 G Ex ia IIC T4/T3 Ga;
	⟨Ex⟩ II 2 D Ex ib IIIB T130℃ Db
Usage:	I, II Zone 0/1/2, and III Zone 21/22
Working ambient temp.:	-40℃≤Ta≤+55℃ (T3) / -40℃≤Ta≤+50℃ (T4)
Ingress protection:	IP66/67
Rated voltage:	2×1.5V
Power:	1.5W
CCT:	6500K
Luminous flux:	≥80lm
Run time:	≥7h
Battery type:	2×LR6AA (IEC60086）
Lifespan:	50,000h (without battery)

Features

Large button, designed for industrial use, is made of durable, chemical-resistant plastic material.

The transparent cover is formed by two-color injection molding of high-transparency and chemical-resistant PA12 material.
Professional optical lens light distribution.

Modular design, convenient and fast battery replacement; gold-plated contacts, effective electrical connection.

Order specifications

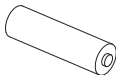| Illustration	Luminous flux	Run time	Weight (g)	Order No.
	≥80lm	≥7h	98	ExMP21N

Installation diagram
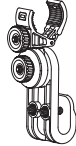
U Shape Bracket
Apply to brimless helmet

L Shape Bracket
Apply to helmet with brim

Spare parts

Illustration		Description	Weight (g)	Order No.
U shape bracket		Apply to brimless helmet	49	1000/11-01-02U
L shape bracket		Apply to helmet with brim	44	1000/11-01-02L
Alkaline battery		1.5V (IEC60086)	24	LR6AA

Outline dimension (unit: mm)

159

34.6

Φ30.5

ExMP21N

Max 32

15.5

107.2

11.5

28

50

30.2

φ12 ~ φ32

15.5

14

6

65.2

54.2

74.3

1000/11-01-02U

1000/11-01-02L