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Battery Technology

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

ExMP31N
Explosion Proof LED Torch

Alkaline Battery
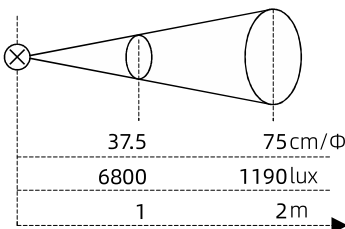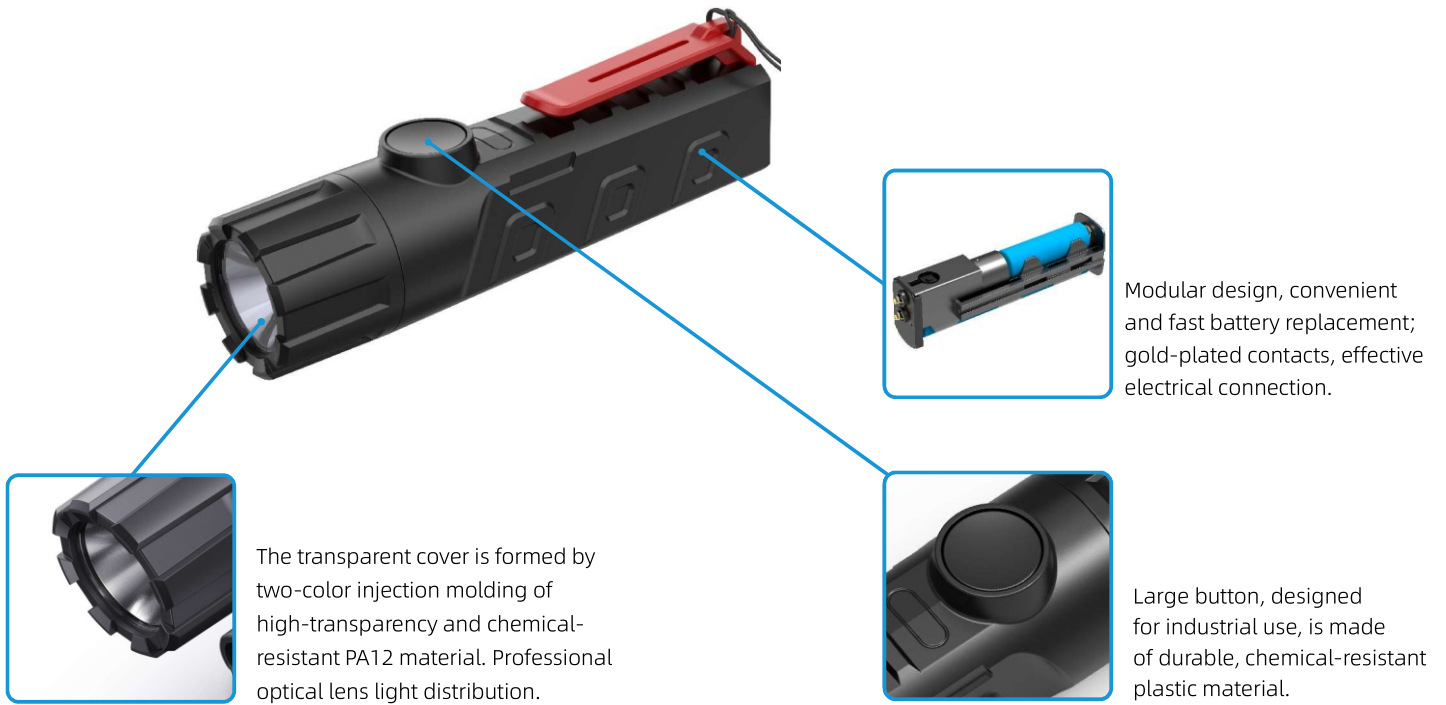

Description

- 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.

37.5	75 cm/Φ
6800	1190 lux
1	2 m

Parameters

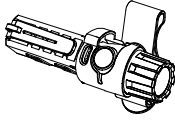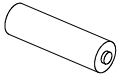|	
Certifications:	IECEx, ATEX
Ex mark:	IECEx: Ex ia I Ma; Ex ia IIB T4/T3 Ga; Ex ib IIC T4/T3 Gb; Ex ib IIIB T130°C Db
	ATEX: Ⓔx I M1 Ex ia I Ma; Ⓔx II 1 G Ex ia IIB T4/T3 Ga;
	Ⓔx II 2 G Ex ib IIC T4/T3 Gb; Ⓔx II 2 D Ex ib IIIB T130°C Db
Usage:	I, II Zone 0/1/2, and III Zone 21/22
Working ambient temp.:	-40°C≤Ta≤+55°C(T3) / -40°C≤Ta≤+50°C(T4)
Ingress protection:	IP66/67
Rated voltage:	3×1.5V
Power:	1.5W
CCT:	6500K
Luminous flux:	≥200lm (strong mode), ≥80lm (work mode), ≥80lm (SOS mode)
Run time:	≥9h (strong mode), ≥15h (work mode)
Beam distance:	165m (strong mode), 100m (work mode)
Battery type:	3×LR6AA (IEC60086)
Lifespan:	50,000h (without battery)

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Features

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

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

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

Order specifications

Illustration	Luminous flux	Run time	Weight (g)	Order No.
	Strong mode: ≥200lm Work mode: ≥80lm SOS mode: ≥80lm	Strong mode: ≥9h Work mode: ≥15h	195	ExMP31N

Installation diagram

The belt clip is used to buckle the torch, which is 360° adjustable and easy to plug in and out.

Spare parts

Illustration		Description	Weight (g)	Order No.
Belt clip			42	1000/11-01-01
Alkaline battery		1.5V (IEC60086)	24	LR6AA

Outline dimension (unit: mm)

162.5 Φ42 49.1

ExMP31N

105 35 52 80

1000/11-01-01