

Centurion

EXPLOSION PROOF TECHNICAL DATA SHEET

Intrinsically Safe 2AAA LED Flashlight


Model : EX-7180

Factory Code : 792279L

HS Code : 8513101000



Technical Details :

Ex Mark :  I M1 Ex ia I Ma
II 1G Ex ia op is IIC T4 Ga
II 1D Ex ia IIIC T135°C Da

Type of Protection : 'ia' Intrinsically Safe

Area of Classification (Gases) : Zones 0,1 and 2, Gas Groups IIA, IIB, IIC

Temp. Classification (Gases) : T4

Area of Classification (Dusts) : Zones 20, 21 and 22, Dusts Group IIIA,IIIB,IIIC

Max. Surface temp.(Dusts) : 135°C

Ambient Temperature : -20°C ~+40°C

Light Source Type : High Power LED Bulb

Power : 3V 0.6W

Output : 53lm

Beam Distance : 35m

Beam Type : Spot

Power Source : 2AAA Alkaline cells

Light Duration : Up to 4.4hrs

Ingress Protection : IP68

Impact Resistance : 1.5m

Weight : 31g (w/o battery)

The Intrinsically Safe 2AAA LED Flashlight EX-7180 is ATEX Directive certified for safe use in Zones 0, 1 and 2 explosive gas atmospheres, and Zones 20, 21 & 22 potentially explosive dust atmospheres. Group I approval for use in mining applications.

The EX-7180 2AAA LED Flashlight have an ergonomic design with excellent impact and chemical resistance and the polycarbonate lens is set-back within the lens ring to minimize risk of damage. It has a lanyard hole, an integral pocket clip for secure retention and to prevent roll on a flat surface, and single-handed switching push-button, which is shrouded to guard against accidental operation.

Features & Benefits :

- Design for Zones 0, 1 and 2 explosive gas atmospheres, and Zones 20, 21 & 22 potentially explosive dust atmospheres. Group I approval for use in mining applications.
- High power LED, excellent light output, no need bulb replacement
- Compact and lightweight ergonomic torch design
- Up to 53 lumens light output, the duration of up to 4.4 hours
- 2AAA Alkaline cells powered
- Less maintenance, quick and easy replacement parts