

Centurion

EXPLOSION PROOF TECHNICAL DATA SHEET

Intrinsically Safe Head Light


Model : EX-2680

Factory Code : 330619

HS Code : 8536610000



Technical Details :

Ex Mark :  II 2G Ex ib IIC T4 Gb
II 2D Ex tb IIIC T130°C Db IP68

Type of Protection : 'ib' Intrinsically safe, 'tb' Dust Ignition Protection by Enclosure

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

Temp. Classification (Gases) : T4

Area of Classification (Dusts) : Zones 21 and 22, Dust Groups IIIA, IIIB, IIIC

Max. Surface temp.(Dusts) : 130°C

Ambient Temperature : -20°C to +40°C

Beam Type : Spot

Light Source Type : LED Bulb

Power : 6V 1.8W

Output : 100lm

Beam Distance : 76m

Power Source : 4AA Alkaline cells

Light Duration : Up to 8hrs

Ingress Protection : IP68

Impact Resistant : 1.8m

Weight : 0.173KG (w/o battery)

Packing : 40pcs/carton, size : 49*32*42cm

The Intrinsically Safe Head Light EX-2680 is for hands-free lighting, especially where it is difficult to access, need to climb or crawl to safety use in Zones 1 and 2 explosive gas atmospheres, and Zones 21 & 22 potentially explosive dust atmospheres.

The tilt adjustment mechanism of the headlight allows the user to angle the light and the bespoke optics provide a wide beam suitable for close-range hands-free tasks and is designed for one-hand switching and waterproof / dustproof of the IP68. Equipped with adjustable removable fabric head band and rubber band make it suitable for different types of helmet.

Features & Benefits :

- Design for Zones 1 and 2 explosive gas atmospheres, and Zones 21 & 22 potentially explosive dust atmospheres, to T4 temperature class
- LED light source
- One hand switch
- Hands-free operation
- IP68 waterproof and dustproof
- Adjustable, removable headband
- Tilt adjustment for light direction