

Centurion



Intrinsically Safe Safety Hand Lamp

Model: EX-4DCL

Factory Code: 330607L

HS Code: 8513101000

II 2G Ex ib op is IIC T4 Gb

II 2D Ex ib IIIC T135°C Db IP66



Technical Detail:

- Type of Protection: 'ib' Intrinsically safe
- Areas of Classification (Gases): Zone 1 and 2, Gas Groups: IIA, IIB, and IIC
- Areas of Classification (Dusts): Zone 21 and 22, Dust Groups: IIIA, IIIB, and IIIC
- Temp. Classification: T4
- Maximum surface temp. (Dusts): 135°C
- Enclosure: Impact-resistant thermoplastic, fire-retardant
- Ambient Temp.: -20°C to +40°C
- Beam Type: Spot
- Beam Distance: 50 Meters
- Output:

Output Mode:	Lumen at Source:	Effective Lumens:
Regular	106 Lumens	50 Lumens

Integrating Sphere for checking the effective lumen



- Light Duration: Up to 20 hours
- Light Source Type: LED Bulb (HL-250 Only)
- Light Source Life: 25,000 Hours
- Power: 6V, 1W
- Power Source: 4 X LR20(D) Alkaline cells
- IP Protection: IP66
- Impact Resistance: 1.5 Meters
- Product Weight: 0.85 Kg (without batteries and shoulder strap)
- Dimension: 134*140*188mm
- Packing: 12 pieces per carton, size:47*47*32cm

This EX-4DCL Intrinsically Safe Safety Hand Lamp is ATEX Directive certified for safe use in hazardous locations in zones 1, 2, and zones 21, 22. IP66 waterproof and dustproof. This Application is widely used as mobile lighting in the petrochemical and offshore Industries, Fire-Fighting, Gas and Water Distribution, and other flammable and explosive locations.

The hand lamp uses a robust anti-static thermoplastic enclosure and a highly efficient LED bulb to provide brilliant cool white output. It is recommended to use alkaline cells because they have a significantly larger capacity and brighter white light for 20 hours.

It is equipped with a detachable shoulder strap.



Effective Lumens is a measure of the actual output of light; it takes into consideration electrical and real-world losses (ex. Thermal, optical, and assembly), so it is the best of produced. Reference link: <https://www.jwspeaker.com/blog/raw-lumens-vs-effective-lumens/>