

Centurion

EXPLOSION PROOF TECHNICAL DATA SHEET

Rechargeable Safety Hand Lamp


Model : EX-250RL

Factory Code : 330608L

HS Code : 8513101000



Technical Details :

Ex Mark:  II 2G Ex ib op is IIC T4 Gb
II 2D Ex ib IIIC T135°C Db IP66

Type of Protection : 'ib' Intrinsically safe

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

Temp. Classification (Gases) : T4

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

Temp. Classification (Dusts) : T135°C

Ambient Temperature : -20°C to +40°C

Beam Type : Spot

Light Source Type : LED Bulb (HL-250 Only)

Power : 4V, 1W

Life Source : 25000hrs

Output : 45lm

Beam Distance : 50m

Power Source : Rechargeable Battery, Lithium-Ion 4.2V 7.5Ah

Battery Life : Up to 500 Recharge Cycles

Light Duration : Up to 21hrs

Ingress Protection : IP66

Compatible Charger : LC-250

Weight : 1.145 KGS

Packing : 12pcs/carton, size:47*47*32cm

The Safety Hand Lamp EX-250RL is suitable for hazardous area Zones 1 and 2, ATEX Directive certified for safe use in Zone 1 & 2 explosive gas atmospheres, and Zones 21 & 22 potentially explosive dust atmospheres. Scope of application includes petrochemical and offshore industries, fire-fighting, gas and water distribution. The hand lamp uses high efficiency LED bulb to provide brilliant cool white output.

It uses high efficiency LED bulb to provide brilliant cool white output. It uses a rechargeable Lithium-Ion battery to provide brighter white light for up to 21 hours.

Features & Benefits :

- Safety design of use in Zones 1 and 2 potentially explosive gas atmospheres, and Zones 21 & 22 potentially explosive dust atmospheres
- High efficiency LED light source
- Lithium-Ion battery reliability
- Less maintenance
- Reliable and efficient
- Ingress protection class IP66
- Used for LC-250 Chargers

Safety Hand Lamp Charger Unit

Model : LC-250

Factory Code : 330609

HS Code : 8504319000



Technical Details :

Apparatus Standards : 2014/35/EU LVD Directive,
2014/30/EU EMC Directive

Enclosure : Polypropylene

Input Voltage : 110V-240V 50/60Hz

Power consumption : 10W

Output : DC 10V max. 800mA max.

Recharge Time : 9.5 hrs

Ingress Protection : IP20

Mounting : All chargers may be bench or wall mounted

Compatible hand lamp : EX-250RL

Weight : 0.672KGS

Packing : 12pcs/carton, size : 47*47*32cm

The hand lamp charger LC-250, batteries are charged internally in this product which passes through the charging stud on the base of the hand lamp.

It is suitable for 110 volts or 240 volts wide voltage and the voltage will automatically proceed switch, while charging to detect the input voltage. And European 2-pin plug and US 2-pin plug adapter are supplied for worldwide used.