Intrinsically Safe Safety Hand Lamp (Rechargeable)
Model: EX-250RL
Factory Code: 330608L
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
- 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**

- Light Duration: Up to 21 hours
- Light Source Type: LED Bulb (HL-250 Only)
- Light Source Life: 25,000 Hours
- Power: 4V, 1W
- Power Source: Rechargeable battery, Lithium-Ion 4.2V 7.5Ah
- Battery Life: Up to 500 Recharge cycles
- IP Protection: IP66
- Impact Resistance: 1.5 Meters
- Compatible Charger: LC-250 (charging time: 9.5 Hours)
- Product Weight: 1.145 Kg (including battery but without shoulder strap)
- Dimension: 134*140*188mm
- Packing: 12 pieces per 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 a high efficient LED bulb to provide brilliant cool white output.

It uses a highly efficient LED bulb to provide brilliant cool white output. In addition, it uses a rechargeable Lithium-Ion battery to provide brighter white light for up to 21 hours.

It is equipped with a detachable shoulder strap.

Effective Lumens is a measure of the actual output of light; its 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/