

Standard:IEC60079

Certificate:ATEX, IECEx, RoHS
Ex d ia IIC T6 Gb



Zone1 Zone2



LED Portable Energy Storage &
Ex-Proof Searchlight

EP7001-15W

Spec.: cool white/ warm white

Weight: 1kg

Enclosure Material: high strength aluminum alloy

Transparent Cover: tempered glass

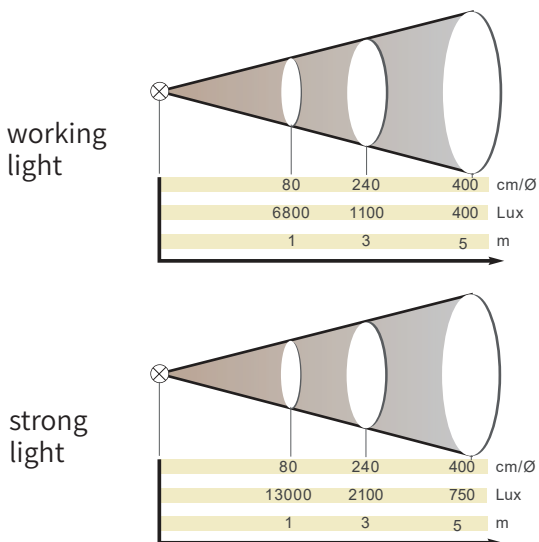
IP Rating: IP68

Ambient Temperature: -25 °C ~ 55 °C

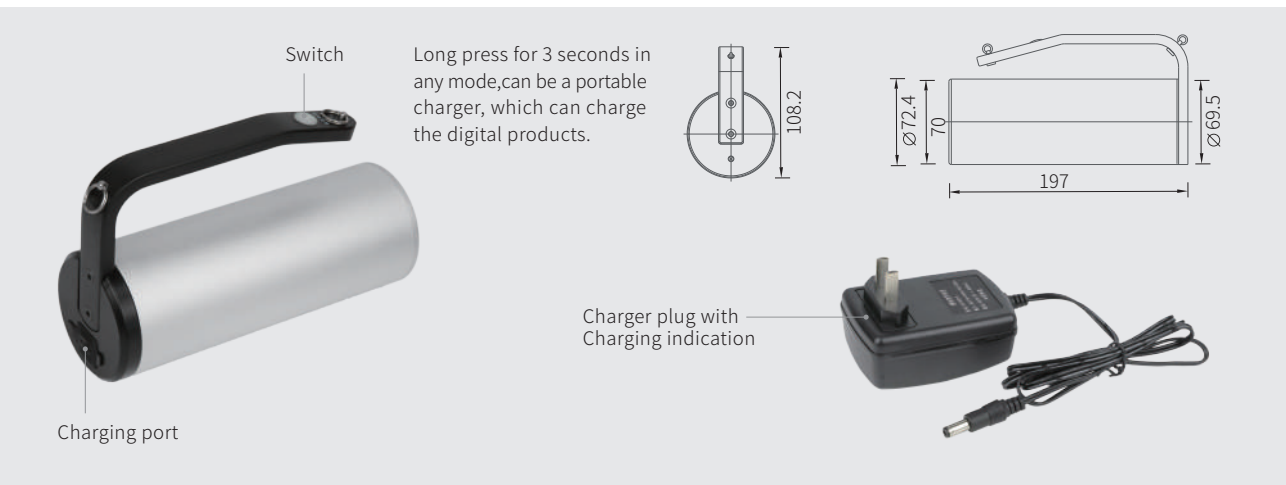
Technical Specification

Light Source	3X5W
	LED
	140lm/W
	300mA (working light) / 600mA (strong light)
Output Voltage	14.8V DC
Battery	Lithium Battery
	2200mAh capacity
	1000 recharge cycles
	charge duration: 6h
	discharge duration: ≥16h (working light)
	≥8h (strong light)

Illumination Diagram



Component & Dimension (unit: mm)



LED Portable Energy
Storage & Ex-Proof
Searchlight

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Applicable to Class II flammable and explosive places, as maintenance, emergency, disaster relief, inspection, warning and other work lighting and emergency lighting and signal indication use.

15W

Explosion-proof type high-power searchlight, 15w power LED provides long irradiation distance and high brightness.



Work properly under harsh environment (-25°C~55°C).



High performance of insulation and corrosion. Drop test approved (1.5m height).



Most highly explosion-proof grade designed, can work safely in all kinds of flammable and explosive places.



3 lighting modes: strong light/working light/stroboscopic, long duration, ≥8h duration(strong light) , ≥16h duration(working light), applied in any scenarios.



IP68 rated. Protected from total dust ingress and long term immersion up to a specified pressure.

