



Security Defence Systems

Plot No. 50, DIC, Industrial Area , Baddi, Solan (H.P)

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LED SEARCH LIGHT LED 2030



MODEL : LED 2030

Casing

Body of HHSL (hand held search light) is heavy duty, water resistant and one piece molded with integral handle of ABS/Engineered plastic. It is light and corrosion proof and the maximum weight including the battery is 1.5 Kgs and a maximum length of 35cm.

Construction

- The LED lamp is of 30 Watts.
- The battery is replaceable by unscrewing back cover without disturbing electronics.

Battery

Rechargeable lithium ion battery with run time of 5 hours & 6 hours at low beam & high beam respectively.

Housing of battery

- There is adequate space around the battery in the housing for dissipation of heat developed while battery is charging.
- The battery fuse is easily accessible from outside for ease of replacement.

Lamp

It has LED light source with intensity to facilitate detection of a group of moving persons at 600 meters in idle conditions.



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Circuit-switch selector

- Wire is heavy duty
- Suitable control for ON/OFF and functions like flasher and dimmer.
- Two switches for selection of modes:
 - Continuous/direct light
 - Two positions of dimmer and flasher

Battery Charger & Indicator

- Suitable charger capable of operation from 100-240 V AC, 50Hz with a single-phase supply. The power cord is minimum 2.5 meters long.
- Full charging time is not more than 8 hours.
- LED indicator for battery status during operation and charging.
- Adequate protection shall be provided against short circuit, battery over charge and discharge and reverse polarity.
- It has auto cutoff to prevent overcharging of the battery after it is fully charged.
- It operates satisfactorily in the operating temperatures of -10°C to 50°C.

The HHSL is compact and water resistant (IPX4 rating) and is operable/functional in heavy rain.