



Aviation Light:-

Illumination

- Lux level at 1meter > 32 Lux
- Optical lens arrangement to provide 360 Illumination by high intensity Red LEDs
- Special design for over 10 year life
- Long life LED @ 1,00,000 Hours (12Hr/Day = 22 Yrs)

Electronic Design

- Input Voltage : 180 – 280V AC (50/60Hz) or 40 – 58V DC or solar panel 12V.
- Power consumption : < 5.8 Watt
- Current through LEDs under all conditions 20mA \pm 20 %
- Voltage across LEDs under all conditions 2V \pm 10 %
- Operating temperature range : -10°C to +60°C
- Photocell auto On/Off (Internal fitted) No Extra Cost.

Mechanical Design

- Sealed water-proof unit conforming to IP – 65 standards
- Casing made of special aluminum alloy (LM6), painted with UV paint for atmospheric protection
- UV stabilized polycarbonate lens to protect the LEDs
- Bird – Spike to keep away the droppings
- Fire retardant
- Withstands impact of up to 5J



Advantage

- Just Fit it. Forget it : No replacement, no maintenance
- Low power consumption : Huge savings on electricity bills
- Lpm technology : failure of single LED does not affect performance & delivers constant illumination.
- Stand alone operation : optimized for solar based, stand – alone applications. It can also be installed in remote areas where there is no manpower and electricity.
- Quality control : Geltronix employs the use of LEDs & other components manufactured by global market leaders.
- Warranty for TWO Years.
- Economic prices **NOT MORE THAN** Conventional Dual Lamp Type Light.



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