



SOLAR OBSTRUCTION LIGHT SYSTEM

- Obstruction makers for air navigation
 - Obstruction light controller with charge controller for charging battery and automatic ON-OFF obstruction lamp
 - Long life time solar arrays more than 10 years.
 - Use the obstruction lamp same as normal type with long life time MTBF more than 100,000 hours
 - ICAO Standard and Recommend Practices Design Type A*
 - Proven ultra bright LED technology obstruction lamp
 - Low energy consumption
 - 90% reduction in power consumption vs incandescent
 - Transient suppression to IEEE C62.41-1991 CAT. C1: 6 kV / 3kA
 - Constanding safe from vibration and corrosion
 - Protection class typical IP65
 - Polycarbonate dome with lens (ASTM : UV stabilized)
 - Die-cast aluminium housing with yellow polyester powder coated.
- Easy installation with no external electrical power
 - Maintenance-free operating
 - Good for remoted area or the area that could not find electrical supply

LAMP TECHNOLOGY	Ultra bright light emitting diode (LED)
POWER CONSUMPTION / SET	3 Watt
ICAO STANDARD LOW INTENSITY	type A
IP PROTECTION	IP65
LAMP OPERATING VOLTAGE (Nominal)	12 Vdc
LAMP AVERAGE LIFE (MTBF)	more than 100,000 hours
LIGHT INTENSITY (Type)	> 10 cd
ICAO REQUIREMENT (+10°)	≥ 10 cd
COLOR	Aviation Red (Dominate wave lenght = 626 nm)
SOLAR PANEL	5 Wp
SOLAR CHARGE CONTROLLER	12 V 6 A
FLASHING (Factory Preset)	40 - 60 times per minutes (steady ON is optional)
BATTERY	7 Ah, sealed lead Acid (Ni-Cd option)
AUTOMATIC OPERATION	Dusk to Dawn

* International Civil Aviatiaon Organization (ICAO) Standard and Recommend Practices : Aerodromes Annex 14- Volume 1, 3rd Edition, July 1999, Chapter 6.

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