

Strobe lights

292-xx

General

This strobe-light and power supply assembly benefits from over 5 million flight hours in service and has been designed for wing tip or tail cone installation on transport category aircraft. It meets the airworthiness requirements of European (JAA) and American authorities, three sets providing complete horizontal coverage (field 120 degrees, 400 candelas eff.).

The power supply units makes use of original patented circuitry to reduce spectacularly electrical network interference and EMI which are usually generated by this type of equipment. Self healing polypropylene film capacitors contribute to minimum maintenance requirements and to an extended life expectancy for the system.



Each unit is provided with synchronization link and may indifferently operate as "master" or "slave" in a synchronized system.

Technical features :

- Weight strobe light : 0.96 lb
- Weight power supply unit : 4.45 lb
- Electrical supply : 115 V / 400 Hz
- Power consumption : 30 VA \pm 10%
- Power factor : \geq 0.9
- Harmonic distortion factor : \leq 0.1
- HF rejection on supply network : DO 160
- Power conversion efficiency : $>$ 70%
- Flashing rate : 60 flashes per minute
- Specified lamp life : 3000 H

Performances :

- Horizontal coverage :
- field : 120°
- intensity : 400 candelas (eff)