

SFLS (SSD-A)

Sequenced Flashing Lighting System - Airsafe



Airsafe

Contact details:



E-mail: aes@aes-europe.com



Phone Number:
+00376 665572



Compliance

- ICAO Annex. 14, Vol. I
- FAA AC 150/5345-51B
- FAA E-2628B
- FAA-P-2965 PAR-56
- IEC: TS 61827
- STANAG 3316
- EASA: CS-ADR-DNS

Uses

Approach sequenced flashing lighting system for airports CAT I, II & III, according to ICAO Annex 14.

Features

- Light distribution and chromacity conforming to the specifications contained in FAA E-2628.
- Low-Voltage flashtubes ensures low operation voltage of the whole system.
- Self-alignment optical component without need of recalibration when replacing bulb as well as optical components.
- Elevated type and in-pavement type.
- The main body is made of aluminum alloy with anti-corrosion surface, all fasteners are made of stainless steel, suitable for harsh environment application.
- The prism of in-pavement type is made of tempered glass material, which can withstand wind and sand erosion.
- Upper cover of in-pavement type featured by equal-strength design and forging craft, wich has premium mechanical and carrying capacity and shock resistance ability.
- Elevated type achieves IP65-grade protected from total dust ingress and in-pavement type, IP68-grade, that can withstand inner pressure of up to 138 kpa or water pressure generated from aircrafts impact on the optical window.
- High-precision machining to ensure all dimensional quality and precision.
- Each lighting fixture comes with auxiliar unit control cabinet for powering the optical drive.
- Both main control cabinet and unit control cabinet have self-contained CPUs.
- An eventual failure will not result in breakdown of system, ensuring reliable system operation.
- The system has detection functions for bulb lifetime, flash skips (misfiring), on-line faults, etc.
- Main control cabinet equipped with LCD display.
- Monitoring system achieves remote control and uploads of operation status.
- Circuits, power and communication cables are equipped with lightning protection, conforming FAA requirements.
- The elevated fixture can be connected to both one or two-inch frangible tube, which ensures convenient and secure installation.

Specifications

- Power: 230V-50Hz / 400V-50Hz.
- Color: White.
- Consumption: Elevated unit 160VA / Inset unit 260VA.

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Order Code

SFLS-XP-XX/XX-XXX-XX

SFLS _____
SFLS = Sequenced flashing lighting system

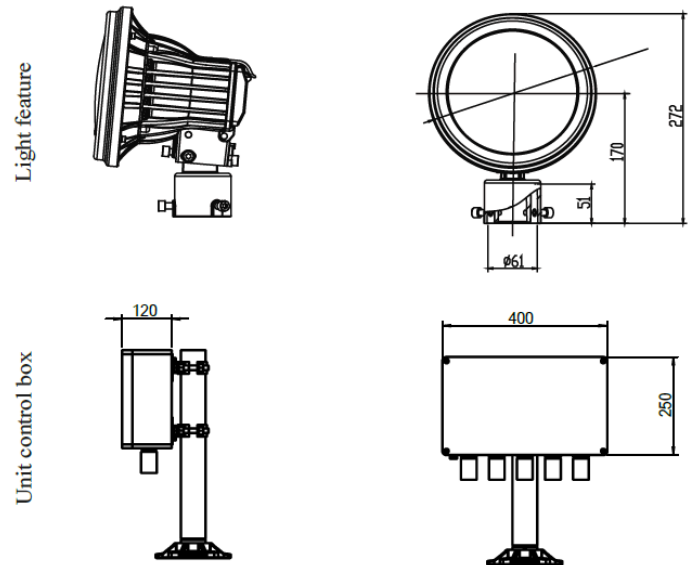
Power supply _____
3P = Three-phase power supply
1P = Single-phase power supply

Number of Heads _____
00/01 = 0 elevated light/1 insert light
01/01 = 1 elevated light/1 insert light
01/09 = 1 elevated light/9 insert light
19/02 = 19 elevated light/2 insert light
.....
30/00 = 30 elevated light/0 insert light

Communication Mode _____
CAN = CAN communication
PLC = Carrier communication

Flashing Frequency _____
01 = 1 HZ
02 = 2 HZ

Dimensions



Elevated type

Installation

