



## 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



BOARDING TIME

## BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE

FLIGHT  
GAES2020

GATE

23

SEAT

21B

GATE CLOSSES 30 MINUTES BEFORE DEPARTURE

GOMINTEC

BOARDING PASS

GOMINTEC

## Uses

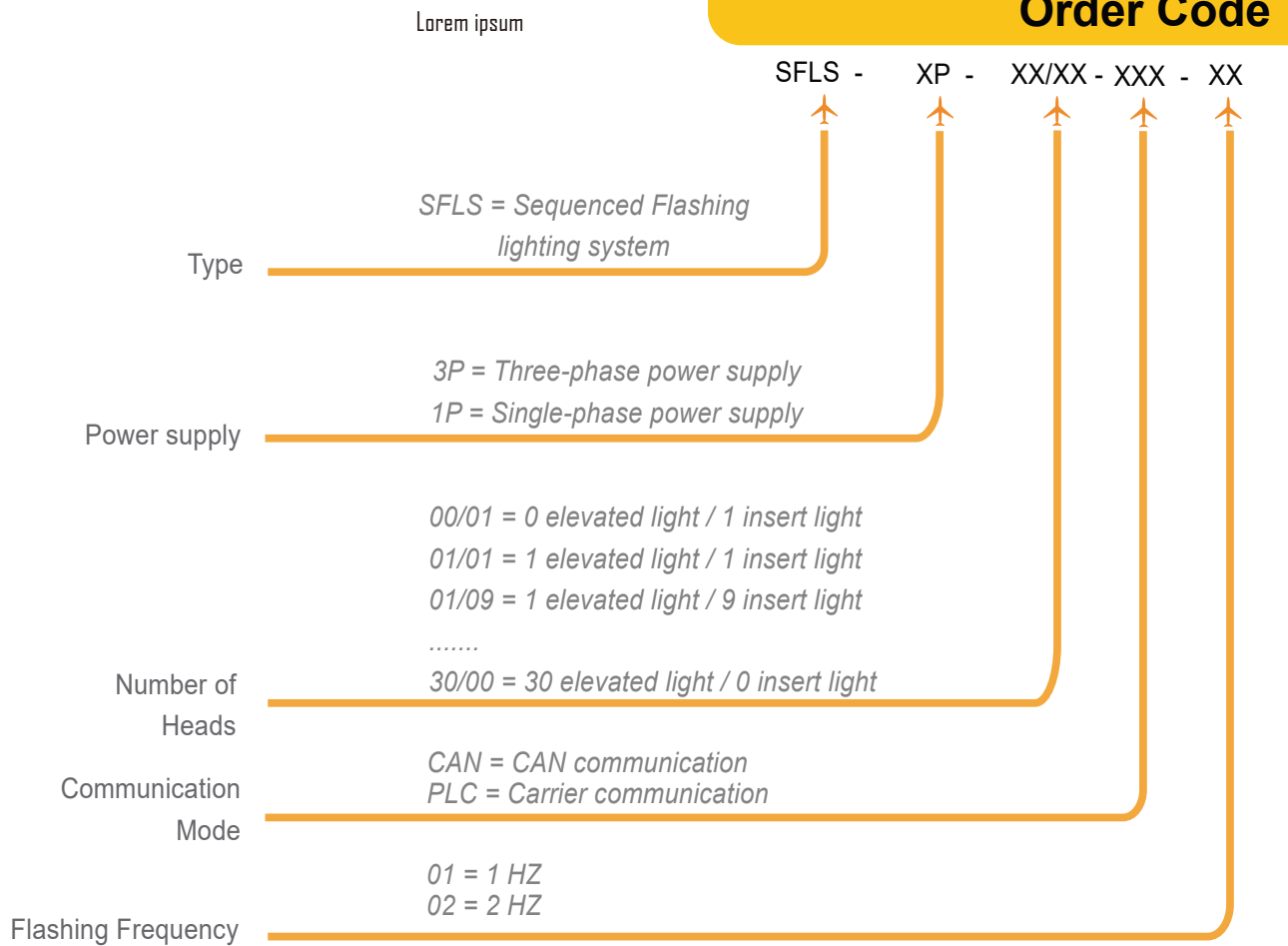
Approach sequenced flashing lighting system for airports CAT I, II & III, according to ICAO Annex 14.

## 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

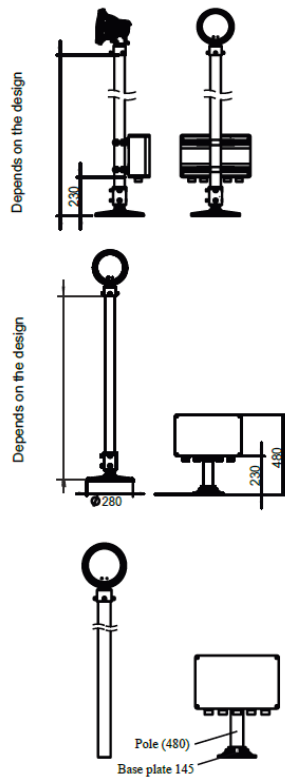
- Power: 230V-50Hz / 400V-50Hz
- Colors: White
- Consumption: Elevated unit 160VA / Inset unit 260VA  
Consumption: Elevated unit 160VA / Inset unit 260VA



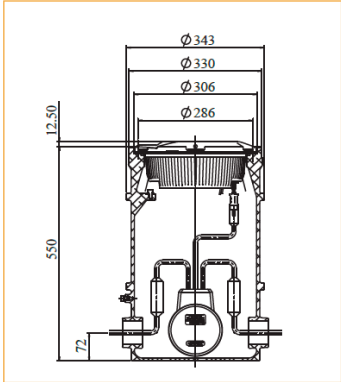


**Installation**

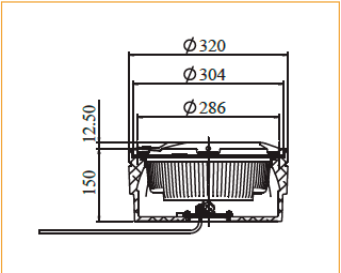
**Elevated type**



**In-pavement type**



**Figure 1**  
On 12" shallow base



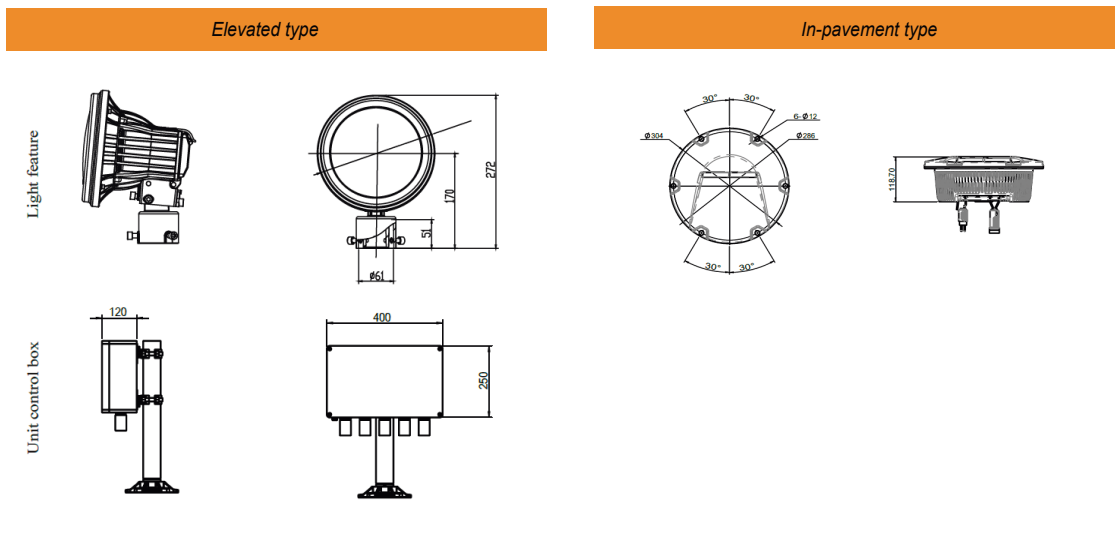
**Figure 2**  
On 12" deep base

**Photometry**

Beam angle	Horizontal $\pm 15^\circ$ , Vertical $\pm 5^\circ$
Flash frequency	Once or twice pro second
Light intensity	I class 2% (150 - 450cd)
	II class 10% (800 - 2000cd)
	III class 100% (8000 - 20000cd)
Reflector ratio	>95%
Elevation angle	0 to 15 degrees vertical



### Dimensions



### Accessories

N°	Order No.	Description
1	66110	Main control box panel
2	66230	Flashing light
3	66220	Unit control box
4	L40JS	Flashing lamp
5	79108	Unit control box circuit board
6	79107	Light circuit board
7	31147	Reflector
8	31146	Front glass
9	41119	Sealing ring
10	41111	Rear cover seal



### Weight and Dimensions

	Light unit	Base Plate	Frangible coupling
Packaging size	376x296x446mm <sup>3</sup>		
Weight	7,2 kg	3,9 kg	3,9 kg