



SFL-2100(L) LED Flash Lighting System

COMPLIANCE

- ICAO** • Annex 14 Volume I
- EASA** • CS-ADR-DSN
- IEC** • TS 61827
- FAA** • AC 150/5345-51
• E-2689
- NATO** • STANAG 3316
- Canada** • TP 312
- Australia** • MOS 139
- CAAC** • AC-137-CA-2015-09

FEATURES

- Sequenced Flashing Lights
- Runway Threshold Identification Lights

- CAN fieldbus with strong anti-interference ability effectively preventing flash errors and false alarms
- Wide range of input voltage for Flasher Control Unit
- Comprehensive lightning and over voltage protections
- Flashing maintained despite communication interruption
- 7 inches full color touch screen provides rich information
- CAT I/II/III working mode selectable from the user-friendly LCD Human Machine Interface
- Master Control Cabinet equipped with multiple types of communication interfaces

TECHNICAL DATA



Master Control Cabinet

Operating Temperature • -30°C~+55°C Humidity • 10%~95% Altitude • ≤5000m Protection Class • IP21
Flash Frequency • switchable between 1 or 2Hz Input Power • AC 220/230V±10% 50Hz Remote Control • CAN, Modbus and Multiwire



Flasher Control Unit

Operating Temperature • -55°C~+55°C Humidity • 0~100% Altitude • ≤5000m Protection Class • IP65
Input Power • 160~275V,50Hz Power Consumption (nominal) • 18W Communication Interface • CAN



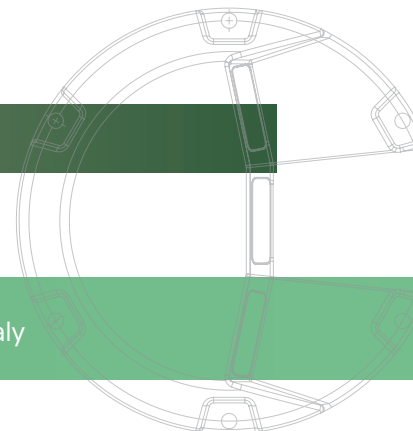
Elevated Flasher

Operating Temperature • -55°C~+55°C Humidity • 0~100% Protection Class • IP67
Intensity • Low intensity 150~450cd Medium intensity 800~2000cd High intensity 8000~20000cd



Inset Flasher

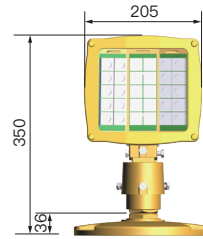
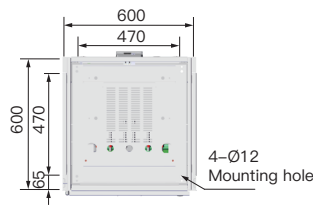
Operating Temperature • -55°C~+55°C Humidity • 0~100% Protection Class • IP68
Intensity • Low intensity 150~600cd Medium intensity 500~2000cd High intensity 5000~20000cd



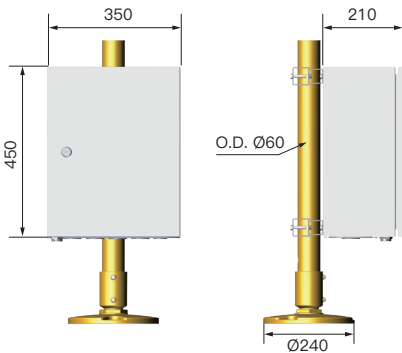
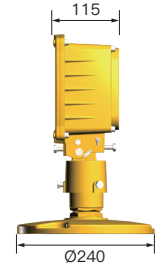
DIMENSIONS



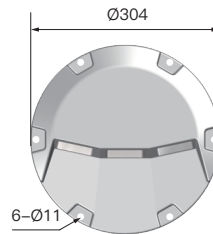
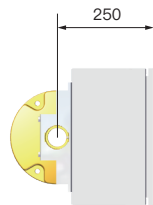
Master Control Cabinet



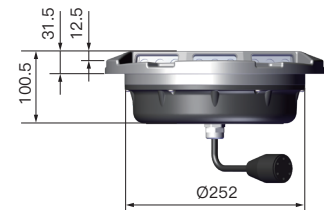
Elevated Flasher



Flasher Control Unit



Inset Flasher

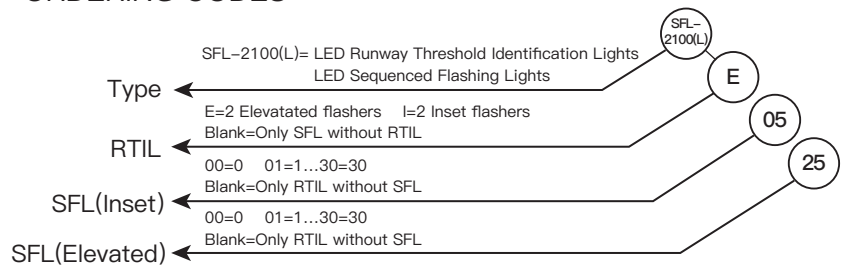


PACKAGING

Item	Dimensions (LxWxH,mm)	Net Weight (kg)	Gross Weight (kg)
Master Control Cabinet	730x760x1650	122	160
Control Module	570x430x280	6.5	7.8
Flasher Control Unit	470x360x220	12.6	13.4
Elevated Flasher	310x250x210	3.2	3.4
Inset Flasher	370x360x250	7	8
2 Inches Frangible Coupling (Type A / Type B)		Bulk Packing	
Flange (OD 168mm/OD 240mm/OD 300mm)		Bulk Packing	
12 Inches Shallow Base (Bottom Entry/ Side Entry)	330x330x185	4.8	5.4

* Packaging is subject to upgradation. Above data are reference values.

ORDERING CODES



*Example:

SFL-2100(L)-E0525=RTIL(2 elevated flashers) with SFL (5 inset flashers + 25 elevated flashers)

SFL-2100(L)-0030= SFL (30 elevated flashers)

SFL-2100(L)-E= RTIL(2 elevated flashers)

*Please provide detailed installation info while ordering