

als



airfield lighting systems

Big enough to cope,
small enough to care.

als

SFL-2100(L)
Sequenced Flashing Lights
RTIL-2100(L)
Runway Threshold
Identification Lights



ICAO • Annex 14 Volume I
EASA • CS-ADR-DSN
NATO • STANG 3316

FAA • AC 150/5345-51
• EB No. 67
• E-2628
IEC • TS 61827

TECHNICAL DATA

Compliant with NATO, UK & US Military Specifications

FEATURES

- 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

Master Control Cabinet

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

Flasher Control Unit

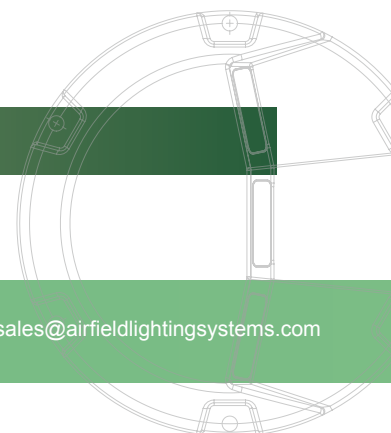
Operating Temperature • -40°C~+55°C Humidity • 0~100% Altitude • ≤5000m Protection Class • IP65
Input Power • 160~275V,50Hz Power Consumption (nominal) • 18W Communication Interface • CAN

Elevated Flasher

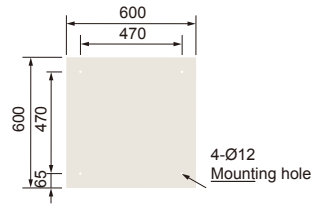
Operating Temperature • -40°C~+55°C Humidity • 0~100% Protection Class • IP67 Intensity • Low
intensity 150~450cd Medium intensity 800~2000cd High intensity 8000~20000cd

Inset Flasher

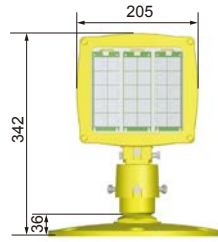
Operating Temperature • -40°C~+55°C Humidity • 0~100% Protection Class • IP68 Intensity • Low
intensity 150~600cd Medium intensity 500~2000cd High intensity 5000~20000cd



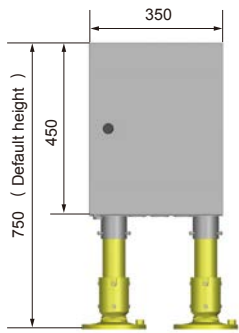
DIMENSIONS



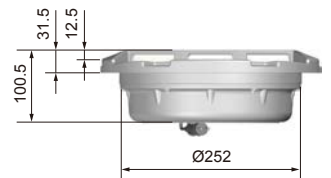
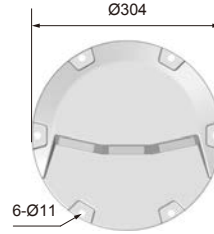
Master Control Cabinet



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.

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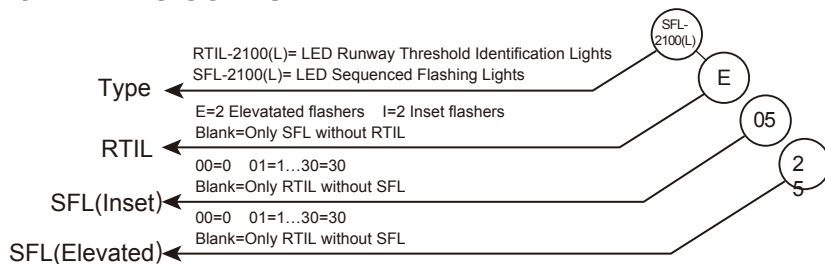
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Airfield Lighting Systems UK (ALS) is a brand of International Airport Visual & Navigational Aids Limited (IAVNA). Please visit www.iavna.net for further details.

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

*Please provide detailed installation info while ordering.