

Airfield Guidance Slim Sign Board (LED)

VAS-SL-MAGS
VAS-SL-SNI
VAS-SL-WGS

Compliance with standards

- ICAO Annex 14 Volume-I
- ICAO Aerodrome Design Manual Doc 9157 Part 6
- FAA: AC 150/5345-44

Applications

Airfield Sign boards are used for providing guidance & information on runways & taxiways.

Also, the SNI Boards (Stand Number Identification) are used for parking aircraft at the exact location.

Features

- Slim Sign Board with 45 mm thickness.
- Aluminium alloy extruded profile, light weight, corrosion-resistant anodized, designed for use in harsh environments.
- Equipped with single sided light source and evenly illuminated display with advance light guiding system.
- UV resistant PC Display Sheet and vinyl tape.
- An integrated, encapsulated electronic converter for Series circuit (2.8-6.6A) or 230VAC circuit.
- Long-life LED lighting technology with low power consumption.
- Easy installation and easy maintenance at low cost.
- Any topology of CCRs designed in accordance with ICAO or FAA requirements can be used.

Performance

- Protection Degree: IP67
- Working Temperature: -40°C to +55°C
- Signs can withstand Jet Blast & High Wind Pressure (322 km/h).
- Power factor typically >0.95

Electrical Supply

Power	Requirements
Constant Current Regulator (Series System)	2.8-6.6 A
Mains Power System (Constant Voltage)	230VAC

Photometric

For Visual range: <800m

Colour	Min. Required
Red	30 Cd/m ²
Yellow	150 Cd/m ²
White	300 Cd/m ²

For Visual range: >800m

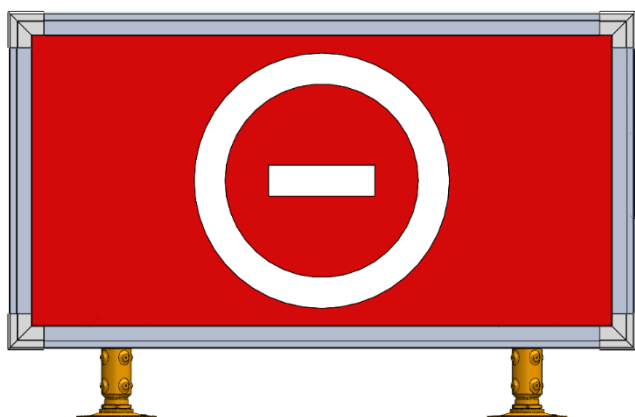
Colour	Min. Required
Red	10 Cd/m ²
Yellow	50 Cd/m ²
White	100 Cd/m ²

Power consumption

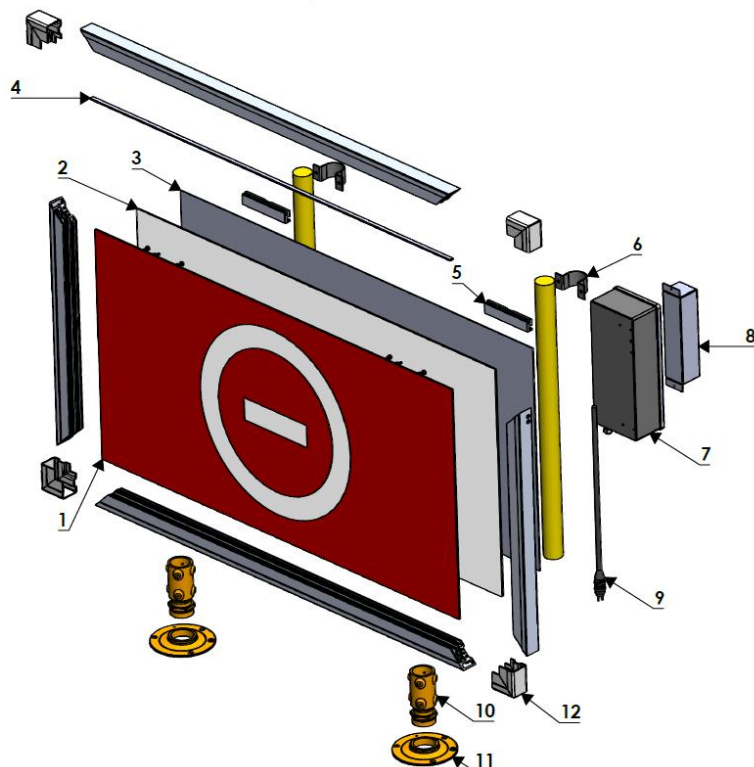
Sign Board Length	Supply	Wattage (Appox.)	Transformer Size (Min.)
Up to 1m	6.6A	24W	30W
1m~1.5m	6.6A	24W-36W	45W
1.5m~2m	6.6A	36W-48W	65W
2m~3m	6.6A	48W-72W	100W

Components

S. No.	Part Name	Part Code
1	Display Sheet	VASPC001
2	LGP Sheet	VASLGP001
3	Back Sheet	VASALU048
4	LED Strip	VASLED001
5	Mounting Bracket	VASALU049
6	C-Clamp (Dia. 50mm)	VASSS001
7	Driver Box	VASALU052
8.1	Driver 230V	VASDVAC01
8.2	Driver (2.8-6.6Amp)	VASDCAC02
9	Secondary Lead	VASLEA003
10	Frangible Coupling	VASALU035
11	Base Plate	VASALU036
12	Corner Cap	VASRUB017



Front View



Exploded View

Installation Diagram

