

# PSLIM®

## Guidance sign



ICAO Compliant Equipment Annex 14 Volume 1 - STAC Certified.  
Material conforming to EASA guidelines .  
FAA Circular L858B compliant equipment.



### APPLICATION

The PSLIM® illuminated signs are used to guide aircraft in accordance with ICAO Annex 14. They perform the functions of:

- Information sign
- Mandatory sign

### MAIN CHARACTERISTICS

- LED lighting
- Powered 6,6A, 230Vac, 24Vdc or solar
- On/off switch
- Wind resistant up to 483km/h
- Rugged design, suited for harsh environments

### DESCRIPTION

PSLIM® panels are designed for use in harsh environments. The materials quality, aluminium 6060 and stainless steel, the resining of the power supply (6,6A or 230Vac), as well as a LED ribbon lighting IP66 OSRAM ensure a long operational life to the system, and a reduction of operating interruptions and maintenance costs.

The UV-resistant signage is produced by an adhesive film placed on the inside of the panel, guaranteeing a perfect colour consistency over the long term. Tangential LED lighting provides excellent luminance uniformity despite the small thickness of the panel.

The panel's resistance to wind up to 483km/h is achieved by adding optional fixing poles.

Bird picks and a safety chain are also available as an option.

Lettering typography complies to the standards specified by ICAO.

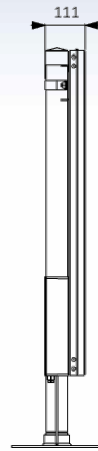
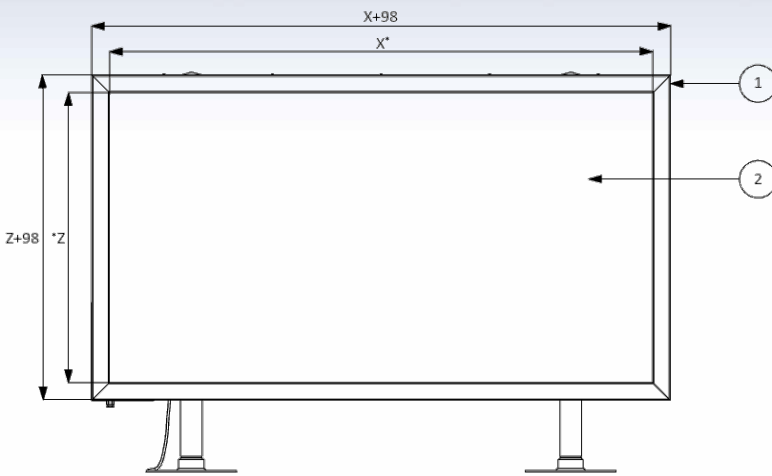


### ORDER CODE

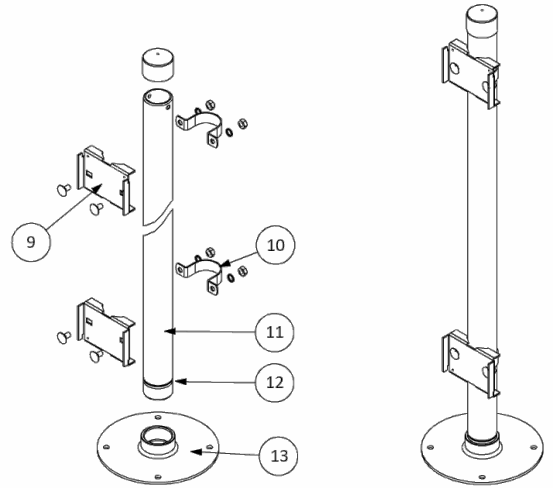
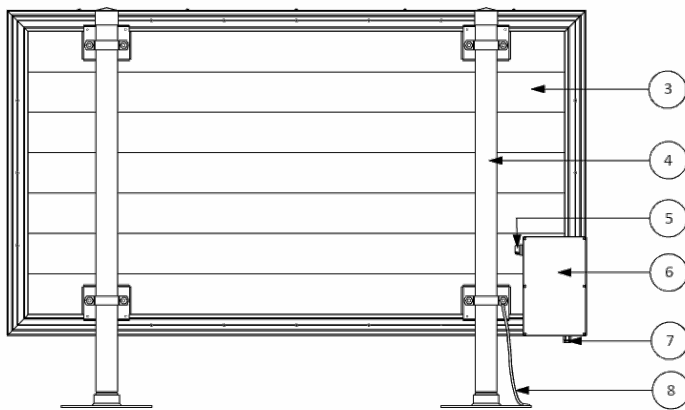
PSLIM - INF - 66 - 09 60 - A - N

Type	Alimentation	Length	Height	Resistance	Options
INF Information	66 Current 6,6A	09 90 cm	60 600	A 322Km/h	N No option
MAN Mandatory	230 Tension 230Vac	12 1200	80 800	B 483Km/h	A Bird picks
	24 Tension 24Vdc	15 1500			B Safety chain
	SL Solar	18 1800			C Bird picks + chain
		21 2100			Z Specific option
		24 2400			
		27 2700			
	30 3000				

## OVERVIEW



1. Aluminium frame
2. UV resistant polycarbonate glare free front panel. Lettering on adhesive film on the inside
3. Aluminium rear face
4. Mounting leg
5. On/off switch
6. Aluminium electrical box
7. Cable gland
8. Safety chain
9. Stainless steel leg flange Ø60/70mm
10. Stainless steel omega flange Ø60mm stainless steel screws
11. Aluminium tube Ø60mm ép5mm, screw thread 2" BSP
12. Rupture ring groove (4cm from ground)
13. Hot deep galvanized steel pole base



## TECHNICAL SPECIFICATIONS

### CONFORMITY

- Runway visual range <800m according to ICAO Annex 14 Volume 1 July 2018
- STAC certified N°2021-012AER & 2021-013AER
- Compliant with EASA guidelines
- FAA Compliant Directive L858B
- CE compliant
- ISO 9001 and ISO 14001 design and manufacturing

### ELECTRIC

LEDs OSRAM - IP67 - 60 000h  
On/off switch

### ENVIRONMENT

Operating temperature: from -25°C up to +55°C  
Waterproof IP66  
Wind resistance 322km/h or 483km/h (optional)  
UV resistant

### SPECIFICATIONS PAR TAILLE

Width (X)	Panel power	Isolation transfo	Height (Z) 600mm		Height (Z) 800mm	
			Feet nb	Feet nb	Feet nb	Feet nb
900	32W	45W	322km/h	483km/h*	322km/h	483km/h*
1200	41W	45W	2	2	2	3
1500	50W	65W	2	2	2	3
1800	59W	65W	2	3	3	4
2100	68W	100W	3	3	3	5
2400	77W	100W	3	4	4	5
2700	86W	100W	3	4	4	6
3000	95W	100W	4	4	4	6

### INSTALLATION

Alimentation	6,6A	230Vac	24Vdc	Solaire
Connection	Secondary cable outside of the box	Internal terminal box	Internal terminal box	Internal terminal box
Connector	FAA molded plug ref. L823	Terminals 3x2,5mm <sup>2</sup> HO7RNF	Terminals 3x2,5mm <sup>2</sup> HO7RNF	Contact us
Fixation	Pole base fixed on concrete blocs with 4 pins M10			

\* Subject to compliance with the installation instructions in the User Manual