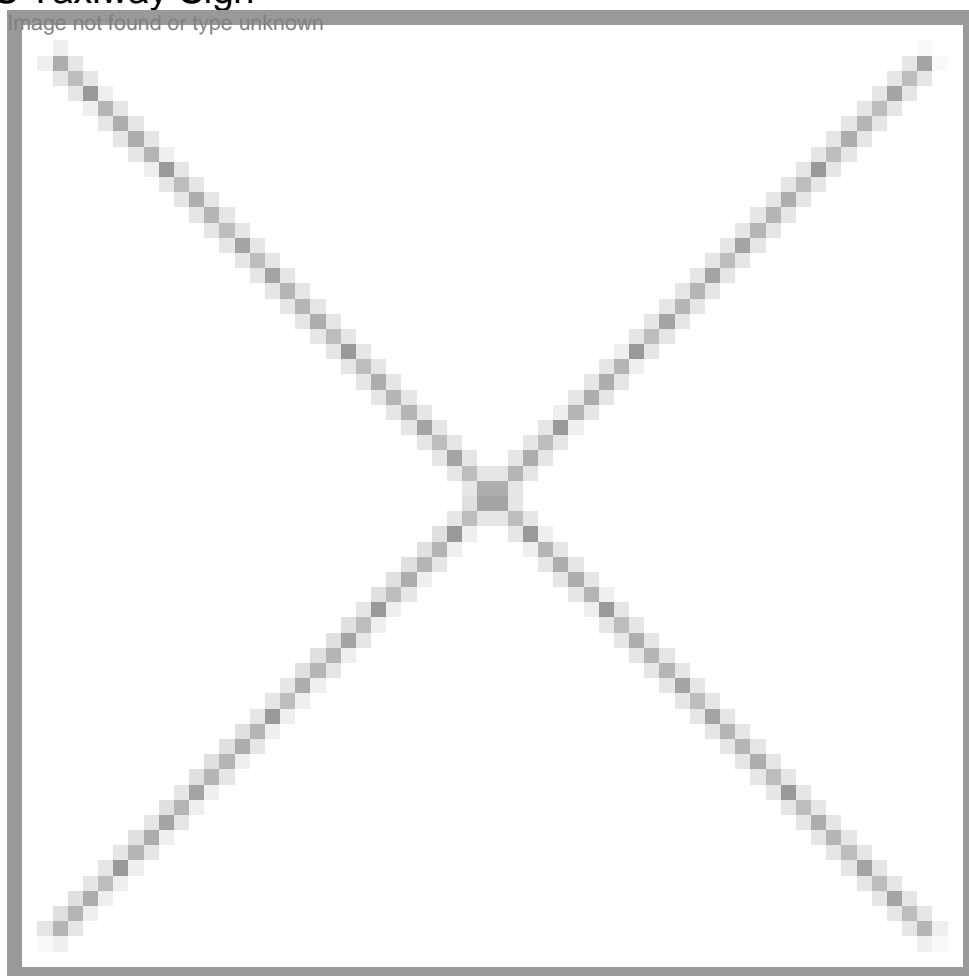


Aero

SIRIUS Taxiway Sign





Airfields

This product can be used successfully in various applications in different fields:

- Airfield lighting



TECHNICAL SPECIFICATIONS

Casing material	Anodized aluminum
Power consumption	10W/m 12W/m



DESCRIPTION

- The airfield taxiway signs are in accordance with the applicable guidelines of ICAO Annex 14, 3rd edition, FAA advisory Circular 150/5345-44F, EASA CS-ADR-DSN and Transport Canada TP312.
- Designed and manufactured in Romania, Europe



ELECTRICAL CHARACTERISTICS

- The airfield directional signs can be powered from one of the following alternatives:
 - a) 2,2A - 6,6A standard AGL circuit
 - b) 4,8A - 6,6A standard AGL circuit
 - c) 120/230Vac
 - d) 24 V DC from photovoltaic system
- The electronic components are enclosed in IP67 enclosure mounted at the back of sign with easy access for electronic components are enclosed in IP67 enclosure mounted at the back of sign with easy access for installation or maintenance.
- An optional external power switch is available as an option.



TECHNICAL SPECIFICATIONS

- Made of aluminium, the case provides the best compromise between weight and

stiffness the best material for airfield products.

- The taxiway sign display board is made of UV resistant polycarbonate.
- Displayed information guaranteed for a period of 10 years
- Front panel: made of 4 mm thick polycarbonate
- Frangibility according to ICAO or FAA requirements, withstanding velocities up to 322 km/h wind velocities.



PHOTOMETRIC CHARACTERISTICS

- Powerful Osram LED with a lifespan of 100.000 hours.
- Chromaticity according ICAO Appendix 1, paragraph 3.4 (airfield taxiway signs)
- Photometry according ICAO Appendix 4 (airfield taxiway signs)
- The back-lighting system that we use is very efficient (Max. 12W/1m of visible face).



OPERATING ENVIRONMENT

- Temperature range: -50°C to +55°C
- Minimum protection degree: IP65



DIMENSIONAL CHARACTERISTICS

Visible panel of airfield guidance signs can be 600 or 800 mm, with character dimension of 300 or 400 mm.