

als



LED Internal Edge Illuminated Guidance Signs

LED ILLUMINATED GUIDANCE SIGNS

On the forefront of new technology, ALS have designed their LED Taxiway signs to be energy efficient and require minimal maintenance. The construction utilises the tried and tested ALS cabinet and uses stainless steel fixings throughout.



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Compliance



- ICAO Annex 14, Volume 1, 7th Edition, July 2016, Par 5.4 & Appendix 4, Section 4 and Figure A4-1.
- 2004 and associated Aerodrome Design Manuals.
- UK CAP 168, March 2014.
- EASA CS-ADR-DSN-Issue 5, Chapter N.
- CE approved (UKCA).

Features

- IP56 Ingress Protection.
- Low power consumption.
- Average power factor of 0.89
- Excellent uniformity of light.
- Supplied fully assembled.
- Minimal maintenance required.
- Ease of installation.
- Long term cost savings.

Application

- For operations in RVR less than 800m.
- Taxi-Holding Position Signs.
- Runway Exit Signs.
- Taxiway Location & Direction Signs.
- NO ENTRY Signs and STOP signs.



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Electrical Features

- Input: constant current 2.8A-6.6A.
- Fully dimmable.
- Standard isolating transformers.
- LEDs life expectancy 50,000 hours.
- Suitable for 50 and 60Hz operation.

Cabinet Features

- Powder coated, corrosion resistant, extruded aluminium casing.
- Hinged front face for ease of maintenance.
- Weatherproof using glazing technologies.
- Temperature range of -40°C to +60°C.
- Stainless steel fittings.
- Our cabinets are manufactured as single units with a face height of 600mm or 800mm in incremental lengths from 1m to 5m.
- Please note ICAO Annex 14 recommends a maximum of 3 meters in length.

Options

- Available as non-dimmable / constant output.
- Double sided cabinets.
- Isolation switch.
- Interleaving.
- Tethers.
- Bird Wire.
- 120V-240V AC input.
- Retro-reflective sign face.
- Halogen available on request.



Dimensions

The sizing and spacing of the sign characters is determined by International, European or UK Standards (ICAO, EASA or CAP 168). The length of the individual signs is directly related to the displayed legend. To accommodate these standards, we supply our internally illuminated signs in 17 different lengths for both mandatory and information signs.

640 Series

Product Code	Cabinet Size	Wattage	Transformer
ELS6/088	640mm x 880mm	38W	45W
ELS6/114	640mm x 1140mm	43W	45W
ELS6/134	640mm x 1340mm	43W	45W
ELS6/164	640mm x 1640mm	54W	65W
ELS6/186	640mm x 1860mm	54W	65W
ELS6/201	640mm x 2010mm	59W	65W
ELS6/231	640mm x 2310mm	65W	100W
ELS6/261	640mm x 2610mm	78W	100W
ELS6/291	640mm x 2910mm	78W	100W
ELS6/321	640mm x 3210mm	89W	100W
ELS6/342	640mm x 3420mm	89W	100W
ELS6/372	640mm x 3720mm	89W	100W
ELS6/388	640mm x 3880mm	105W	150W
ELS6/418	640mm x 4180mm	105W	150W
ELS6/448	640mm x 4480mm	111W	150W
ELS6/478	640mm x 4780mm	111W	150W
ELS6/499	640mm x 4990mm	111W	150W

840 Series

Product Code	Cabinet Size	Wattage	Transformer
ELS8/088	840mm x 880mm	38W	45W
ELS8/114	840mm x 1140mm	43W	45W
ELS8/134	840mm x 1340mm	43W	45W
ELS8/164	840mm x 1840mm	54W	65W
ELS8/186	840mm x 1860mm	54W	65W
ELS8/201	840mm x 2010mm	54W	65W
ELS8/231	840mm x 2310mm	73W	100W
ELS8/261	840mm x 2610mm	73W	100W
ELS8/291	840mm x 2910mm	68W	100W
ELS8/321	840mm x 3210mm	89W	100W

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ELS8/342	840mm x 3420mm	89W	100W
ELS8/372	840mm x 3720mm	78W	100W
ELS8/388	840mm x 3880mm	105W	150W
ELS8/418	840mm x 4180mm	89W	100W
ELS8/448	840mm x 4480mm	89W	100W
ELS8/478	840mm x 4780mm	122W	200W
ELS8/499	840mm x 4990mm	100W	150W

