

ADLISIGN

VARIABLE LED TAXIWAY GUIDANCE SIGN



ADVANCED LIGHT

Advanced Light AS

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ADVANCED LIGHT

Full colour LED display

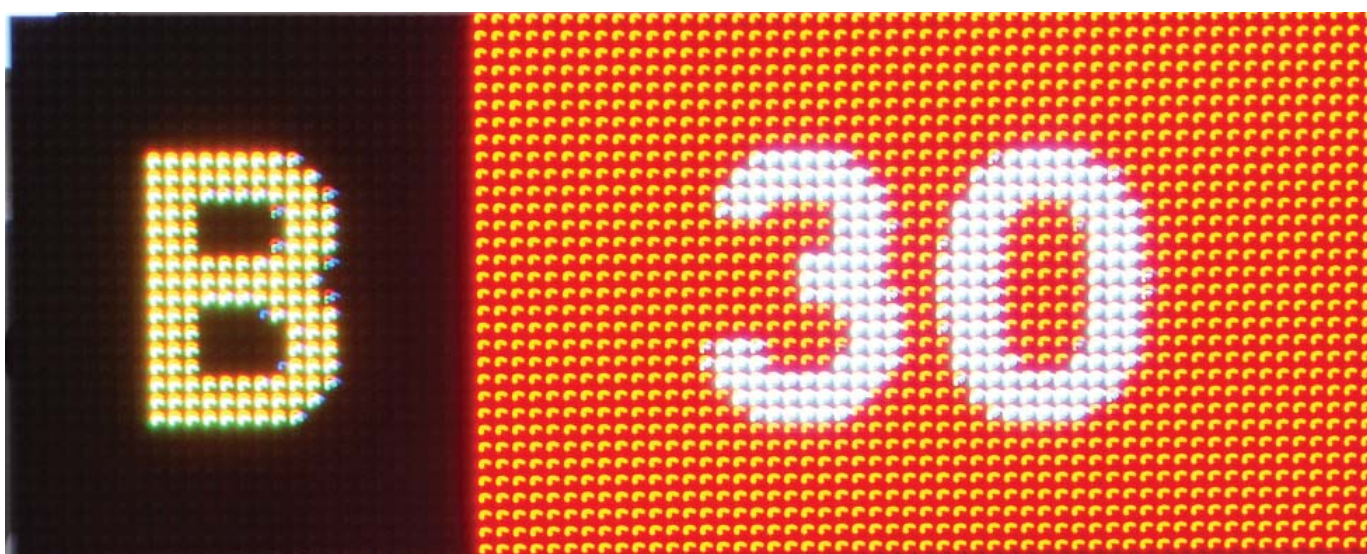
ICAO Annex 14 compliant

Excellent sideview performance

Changes your RWY to TWY

600 or 800 mm height

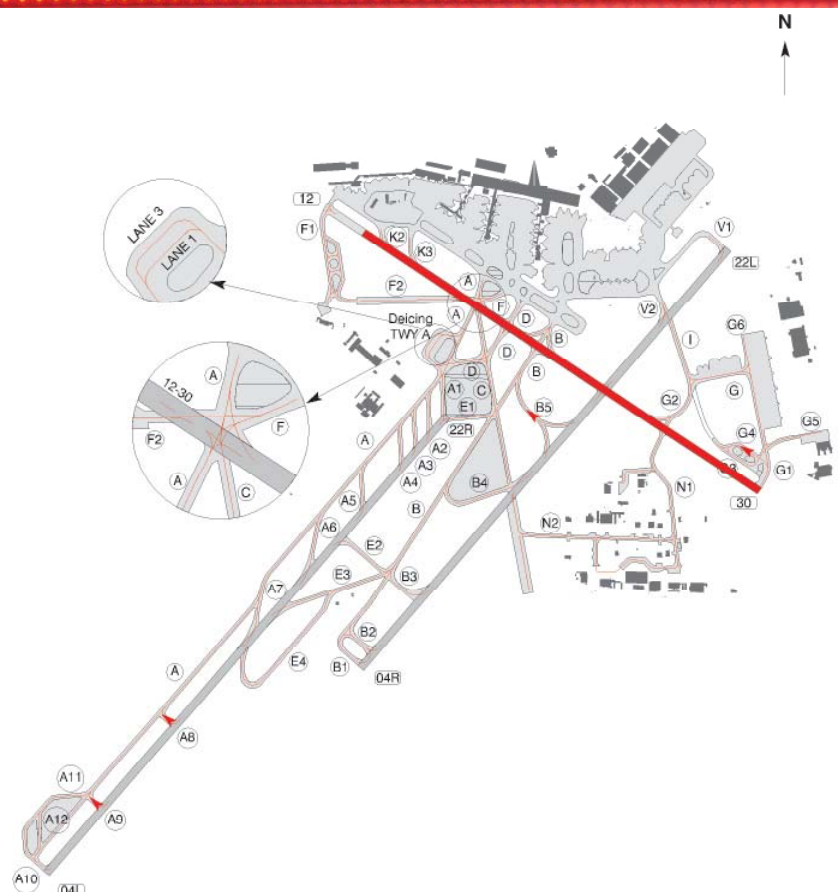
Increments of 40 cm



When your cross runway mostly is used as taxiway, ADLISIGN offers a reliable and safe change the day cross winds forces the use of your crossing runway instead of the main runway(s).

Via one pushbutton instruction from TWR control, the whole movement area can change in a fraction of a second via Ethernet and fiber cable.

The system enables the airport a more flexible and efficient movement pattern for aircraft traffic.



ADLISIGN

Technical Specifications

Display:

Colour:	Full colour
Levels of Grey and Total colours:	Non-linear of 256 (output code 16384 levels) 16 777 216 Colours
Frequency of Frame Display:	100Hz
Frequency of Renewal:	150 Frames/sec Min: 7 x 5 Font = 175 (H) x 125 (W) mm
Character Size:	300 or 400 mm (13 Characters/Line, 4 lines in 1 Frame)
Auto Dimmer:	Yes
Display area:	600 mm or 800 mm (H) x indefinite
T/T Functional:	NO
Memory Capacity:	1 MB

LED/Pixel Specifications:

Resolution:	32 (H) x 80 (W) pixels outdoor
LED Pixel Size & Configuration:	25 mm Pitch (1PR1PG1PB)
Optional:	20 mm Pitch, 14,6 mm Pitch and 10 mm Pitch
Basic Led Tile:	8 x 16 Pixels = 200 x 400 mm
Brightness:	10 000 cd/m ²
Brightness control:	32 levels auto or manual control available
Viewing angle:	90°
Control System:	Gigatron (off-line, can display text and animations)

Cabinet Specifications:

Basic Cabinet Size:	32 x 80 pixels (= 800 (H) x 2000 (W) mm sign)
Weight for basic cabinet:	Approximately 80 kg
Total weight for whole sign:	Approximately 80 kg
Cabinet colour:	Black (other colours can be chosen as option)
Single/double face:	Single (double on request)
Materials:	Aluminium
Maintenance access:	Doors behind
Enclosure rate:	IP54

Electrical Specifications:

Power consumption:	Approximately 1000 W (basic sign)
Power required:	230V AC (115V) +/- 15% 47 ~ 64 Hz
Auto Power ON/OFF:	Yes
Circuit Braker:	Yes
Surge Protector:	Yes
Drive Mode:	Static Constant Current
Rate of control deviation:	Whole screen < 2/10000 (Dispersed)
System Platform:	Windows 98/2000 or higher

Accessories:

Software:	Yes
Hand Held controller:	Not available
Digital Temperature Probe:	Yes
Modem:	Optional
Data Cable:	5 meters
Power Cable:	2 meters
Communication Type:	RS232/RS485/Ethernet/Optical Fiber

Miscellaneous:

- UL listed
- CE
- One year "in house" warranty factory repair or replacement

