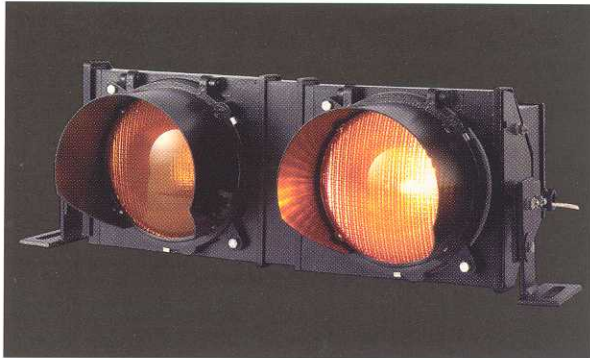


Signature Airfield & Signalling

Not just a supplier of product, Signature offers its customers the full range of services to compliment its products. From conception to completion Signature's dedicated team work together in partnership with its customer to provide continuous improvements through product innovation. All products are manufactured to meet current regulations for use on Airfield and Airport locations.

TAXIWAY SIGNALS C.A.P 168



A low-level taxiway signal for use in controlling TAXIWAY traffic or as a STOP BAR/RUNWAY GUARD LIGHT.

PRODUCT SPECIFICATION

LENS – 200mm Diameter Red or Amber (other colours available)
 SIGNAL CASE – Die Cast Aluminium
 FINISH – Black or Yellow polyester powder coated
 OVERALL HEIGHT – 270mm to comply with CAP168

TECHNICAL DETAILS

Constant Current System – Model available fitted with flasher to operate from the standard 6.6amp airfield constant current system J1/58, 100W lamps for connection to isolating transformer as GEC Type XT106, 100W or equivalent. Provides CAA recommended 200 candelas down to 10% brightness.

LIGHT SOURCE OPTIONS

Standard (CAP168) Tungsten Filament 50W or 100W GLS
 High Intensity Tungsten Halogen 50W 12V
 (with two 240V transformers) –
 Extra High Intensity Tungsten Halogen 100W 12V
 (with two 240V transformers)
 Airfield Type – J1/58 100W
 LED optics

Integral Transformer – fitted to each lamp (if necessary) to provide required supply voltage

Operating Voltage – Standard 240V 50Hz (other options available)

Flasher – if required, integral solid state flasher or may be fitted remotely

AIRPORT INDICATOR CAT III



A Fibre Optic, LED or internally illuminated signs to indicate CAT I, II or III to the aircraft. Can be fitted with lamp monitoring and proving (back indication) contacts to indicate lamp failure.

BODY - Manufactured from Aluminium – fabricated and fully welded to provide vandal resistance and ingress protection.

PANEL - Vandal resistance Polycarbonate panel

VOLTAGE – 240V 50Hz Standard – other options available

FINISH – Powder Coated Black as Standard – other colours available

OPTION – May be fitted with solid state flasher unit

AIRFIELD DIRECTIONAL SIGNAGE & DOCKING SYSTEMS



Typical Operation through Marshaller – multiple 'plug-in' stations



Various options are available from Signature for Aircraft Docking Systems such as those used at Manchester and Birmingham airports.

Emergency 'STOP' may be initiated by Automatic Detection of aircraft (STOP can only be terminated from control tower)

Typical Operation through Marshaller – multiple 'plug-in' stations

Automatic Night Time Dimming

The signal box is mounted on a pier wall so that this is visible regardless of pilot eye level. A dual message panel indicates STOP or SLOW together with Twin Red, Amber and Green 200mm Tungsten Halogen signals. STOP or SLOW legends are interlocked with Red/Amber signals. Duplicate lamps guard against lamp failure. The marshaller's handset is fitted with flexible cable and connected into sockets at various locations (e.g. air bridge cab and apron level)



STAND NUMBER INDICATOR (SNI) – Lettering and Numericals outlined in LED or FIBRE OPTICS

Illumination is switched on by an integral photocell (other switching options available)