

Francis
SEARCHLIGHTS

Francis
Première

- 60° cone of movement.
- Lamp life over 500 hours.
- Instant lamp strike and re-strike.
- Toughened safety glass front lens.
- Electro formed nickel parabolic mirror.
- Stove enamelled marine grade paint finish.



Application

The FRANCIS PREMIÈRE xenon searchlight utilises "state of the art" optical technology based on the many years experience of Francis in the design and manufacture of searchlights and specialised lighting. The end result is a luminaire which produces an extremely powerful and precise shaft of light which under reasonable conditions can be observed from many miles away.

The searchlight has a wide variety of uses which include the following:- Son et Lumière, Film Premières, Pop and Music Festivals, Civic Illuminations, Searchlight tattoos etc.

The unit is powered by an efficient transformer rectifier unit of well proven design.

Transportation is simplified by the complete unit being mounted on a robust standard sized pallet.

Specification

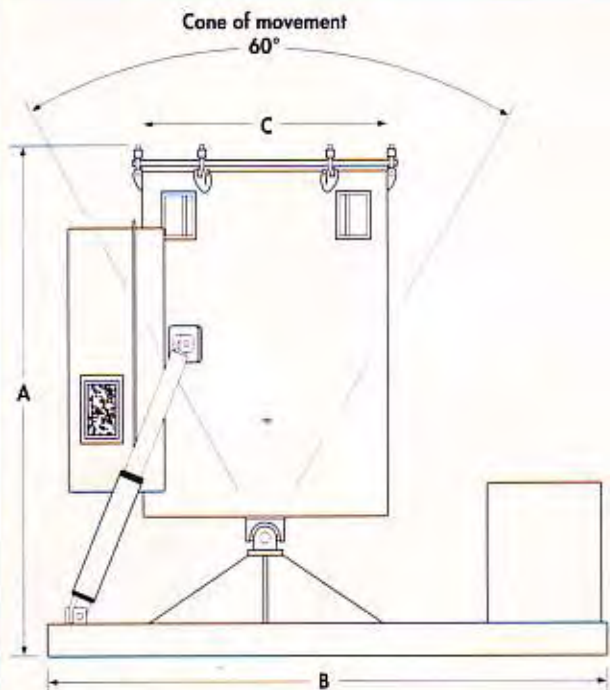
The searchlight is vertically mounted utilising a universal joint. A 60° cone of movement ($\pm 30^\circ$ from vertical) is achieved through the use of electrically powered linear actuators.

The complete unit is "hard wired" and supplied complete with a BS 6040 standard socket ready for connection to a 380/415v 3 phase power supply.

The following features are incorporated:

- Electro formed nickel parabolic mirror for optimum performance.
- The aluminium barrel has forced air-cooling of the lamp chamber utilising high-power fans and ducting.
- Instant lamp strike and re-strike (no warm-up period).
- High grade stainless steel fixings used throughout.
- Long lamp life, in excess of 500 hours.
- Toughened safety glass front lens.
- Enclosure protection to IP55.
- High intensity narrow beam.
- Stove enamelled marine grade paint finish.

Première ... Première ...



DIMENSIONS

Height: (A)	1500 mm
Length: (B)	1500 mm
Width:	1000 mm
Searchlight Diameter: (C)	710 mm
Mirror Diameter:	630 mm
Weight	200 Kg (approx)

DESPATCH NUMBERS

Première Searchlight	A2435
7KW Xenon Lamp	D12963

TECHNICAL DATA

Voltage	380/415 3 phase
Watts	7 KW
PBCP	10°
Range (5 Lux)	>15 km
Divergence	1.5° - 10° inclusive*

* Internally adjustable