



## APPLICATION

The new Francis 7kw Xenon searchlight, is the most powerful searchlight available worldwide. This Premium variable speed Remote Controlled Searchlights incorporate the design features required to successfully operate searchlights in the most demanding product operating environments on land and sea.

These high power searchlights are well suited to applications where long range, excellent light output and a robust construction are required. Well suited to both marine and security applications.

The Francis bus (FBUS) is a custom communication protocol based on RS485 two-wire bi directional communication hardware. The system provides a simple bi directional link between searchlights and control panels.

The colour temperature of the Xenon lamp being equal to that of 'sunlight', make this the searchlight ideal for polar regions.

## SPECIFICATION

- Instant re-strike. No "cooling" down time required.
- Toughened super clear Optiwhite front glass.
- Parabolic reflector electro-formed nickel rhodium plated.
- Constructed from marine grade materials and fixings
- Powder coated and stove enamel paint finish.
- Pan rotation 385°
- Tilt elevation control  $\pm 30^\circ$
- Variable speed LED joystick, with auto home position.
- RS485 connectivity. Dimmable Control Panel.
- Variable Rotation Speed 1 to 35°/sec (Pan)
- Variable Elevation Speed 1 to 8°/sec (Tilt).
- Heater fitted in gearbox
- Operational temp -50°
- Remote lamp focus, 1.5° spot to 10° flood.
- 7Kw 440v 3 Phase +PE+N Xenon Power Supply
- Sealing - IP66 Gearbox, IP56 Searchlight, PSU IP20
- Weight Searchlight 200kgs, PSU 30Kg

## ALL DIMENSIONS IN MILLIMETRES

Base fixing details:

6 holes 12.5  $\varnothing$  equi-spaced on a 650 PCD

Joystick panel 120 x 120mm (106 x 106mm cutout)

PSU dimensions: 255 x 510 x 420mm

## Part Numbers

Type	Supply	Watts	Part No.
FX710RC	440v 3Ph	7Kw	A7288
7Kw Xenon Lamp			D12963

## Optional Controls:

Program Record Function  
Computer Control Software  
Azimuth LED Control Panel  
Master Control Panel (control up to 4 Searchlights)  
Slave Control Panels (with full control)  
Fiber Optic/TCP/IP Connections  
DMX Control

VAC	Lamp life	Range @ 1 Lux	PBCP X 1000	Div	Watts
440v	650hrs	31,337	982,000	1.5°	7000w