



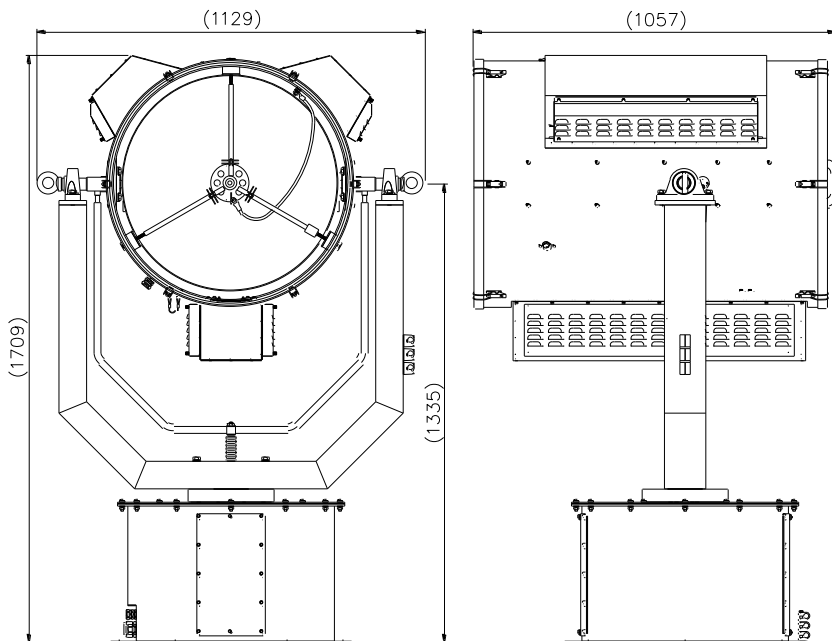
**APPLICATION**

The 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 Glass Reflector 507mm Diameter
- Constructed from marine grade materials and fixings
- Powder coated and stove enamel paint finish.
- Pan rotation 385°
- Tilt elevation control ±30°
- 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.
- 440v 3 Phase or 220V 3 Phase Xenon Power Supply
- Sealing - IP66 Gearbox, IP56 Searchlight, PSU IP20
- Weight Searchlight 180kgs, PSU 29Kgs

**ALL DIMENSIONS IN MILLIMETRES**

Base fixing details:  
6 holes 12.5 Ø equi-spaced on a 650 PCD

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

PSU dimensions: 400 x 290 x 510mm

**Part Numbers**

Type	Supply	Watts	Part No.
FX710RC	440v 3Ph	7Kw	A7288
FX710RC	220v 3Ph	7kw	A7296
7Kw Xenon Lamp			D12963

**Optional Controls:**

- Program Record Function
- Computer Control Software
- Azimuth LED Control Panel
- Master Control Panel (control up to 6 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
220/440v	650hrs	25,268	638,451	1.5°	7000w