



L380RC Issue 2
500w Laser Searchlight
Remote Control
Remote Focus

APPLICATION

The new Francis Laser LED Searchlight range has been developed to offer the most powerful light source available. Using the highest grade of New Technology Laser Diode, this product offers an exceptional light output, low power consumption & in the most compact size possible.

The system uses a series of precision made glass lenses to optimize and collimate the light output, thereby achieving a greater range and illumination.

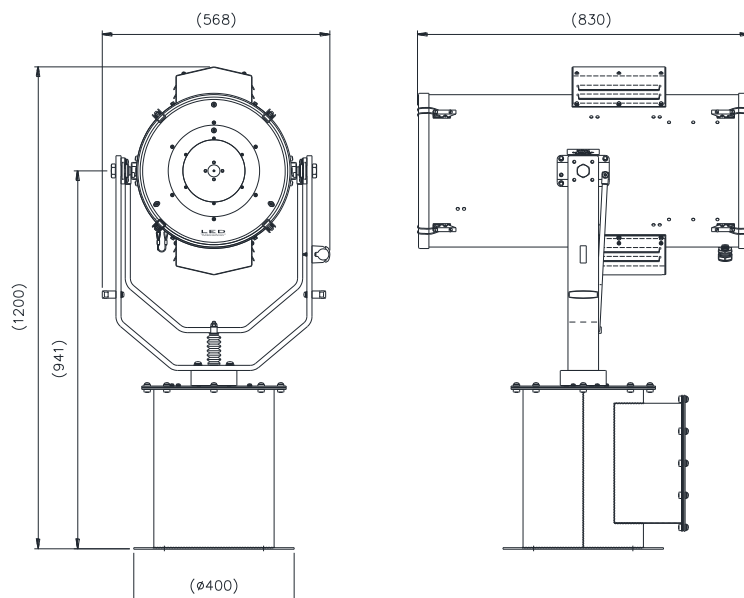
The 500w Laser system gives illumination characteristics in excess of a **3500w** Xenon lamp, along with a 12,000 hour life.

As with all Francis products, the construction is robust and of the highest quality. There has been great focus in thermal management to optimise the Laser output and extend the life cycle.

The ultra compact design also benefits from being a fully integrated system, with PSU and drivers being mounted inside the barrel housing.

SPECIFICATION

- Toughened super clear Optiwhite front glass.
- High integrated laser phosphor white module.
- 12,000 lamp life hours
- Precision made glass lenses.
- Constructed from marine grade materials and fixings.
- Powder coated and stove enamel paint finish
- Pan rotation 385°, Tilt elevation control $\pm 35^\circ$.
- Variable speed LED joystick, with auto home position.
- RS485 connectivity, Dimmable Control Panel
- Variable Rotation Speed 1 to 43°/sec (Pan).
- Variable Elevation Speed 1 to 14°/sec (Tilt).
- Heater fitted in gearbox & barrel.
- Operational temp -50° .
- Colour Temp options 6500k
- 30,000 Lumens, plus precision lens magnification.
- Sealing - IP67 Gearbox, IP56 Searchlight.
- Searchlight weight 61kgs.
- Has Signaling capability, ship to ship or ship to shore.
- Remote Focus fitted as standard, giving an impressive range of 1 - 9° beam divergence adjustment.
- Redesigned gearbox housing, incorporating cable termination, for direct connection.



ALL DIMENSIONS IN MILLIMETRES

Base fixing details:

4 holes 12.5 Ø equi-spaced on a 350mm PCD

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

Part Numbers

Type	Supply	Watts	Part No
L380RC RF	115/230v	500w	A7311

Optional extras:

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
 Flir Thermal camera
 IR LED Night Vision
 Strobe Capability

VAC/DC	Lamp life	Range @ 1 Lux	Luminous Flux	Div	Watts
115/230v	12,000hrs	9,798m	32,000	1 - 10°	500w