



L380RC Issue 4  
LED 800w  
Remote Control



## APPLICATION

The Francis L380RC 800w LED searchlight range continues to develop and offers an Efficiently and Environmentally Friendly alternative to traditional lamp sources. Using the highest grade of LED, this range offers a high power output with low power consumption.

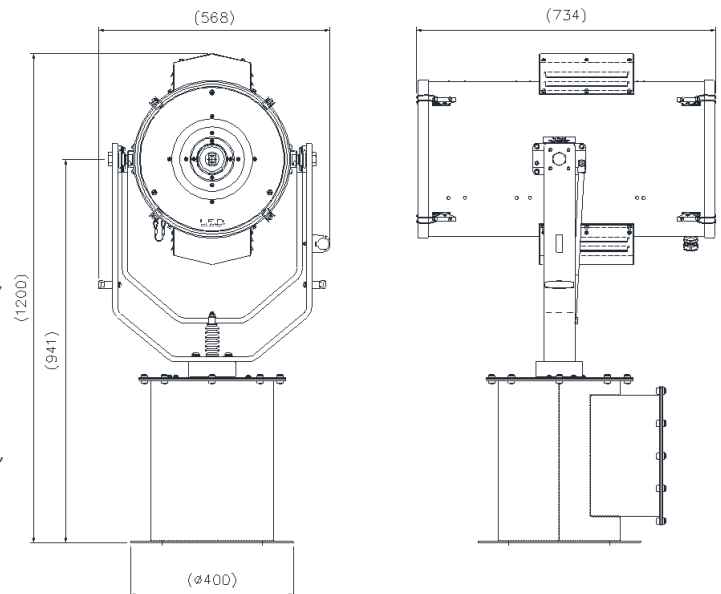
The 800w LED gives illumination characteristics similar to that of a 7Kw halogen lamp. Using a series of precision made glass lenses to optimize and collimate the light output, to achieve a greater range and output.

Francis Searchlights have developed and improved all remote controlled searchlights across the range still further by adding full variable speed, a modern and sleek joystick control panel, using membrane and LED technology, offering Bus Control, auto home position setting, with Optional Controls available on request. 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.

As with all Francis products, the construction is robust and of the highest quality of construction. Utilizing excellent thermal management of the LED chip ensures successful performance and chip life.

## SPECIFICATION

- 30,000 lamp life hours.
- Toughened super clear Optiwhite front glass.
- precision made glass lenses
- Constructed from marine grade materials and fixings.
- Powder coated and stove enamel paint finish.
- Pan rotation 385°.
- Tilt elevation control +30°, -30°.
- 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° to +50°.
- Up to 51,200 Lumens.
- Colour Temp options 6500k.
- High quality LED Drivers 50/60 Hz 1ph.
- Sealing - IP67 Gearbox, IP56 Searchlight.
- Searchlight weight 67kgs.
- Remote Focus.
- Redesigned gearbox housing, incorporating cable termination, for direct connection to the internal LED Driver.



## 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 | 800w  | A7314   |

## 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      | LED life   | Range @ 1 Lux  | Luminous Flux | Div    | Watts |
|----------|------------|----------------|---------------|--------|-------|
| 115/230v | 30,000 hrs | 1464m @ 10°Div | 51,200        | 10-17° | 800w  |

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