



APPLICATION

The new Francis Laser 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.

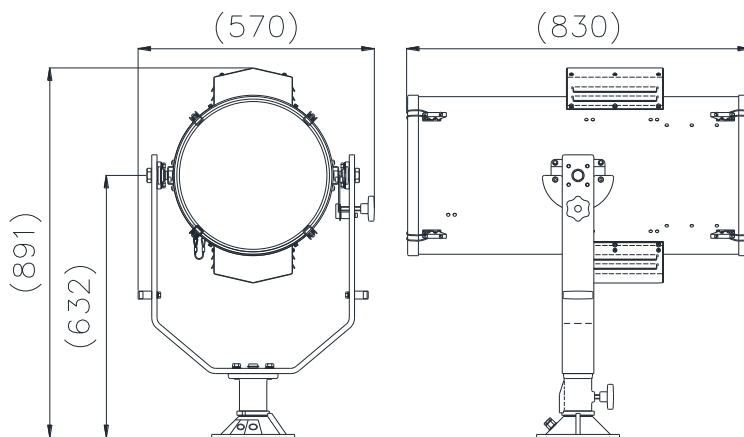
As with all Francis products, the construction is robust and of the highest quality.

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 front glass.
- 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 450°.
- Deck/Deck Ped Tilt elevation control $\pm 60^\circ$.
- Cabin/Cabin Ped Tilt elevation control $+30^\circ$ to -25°
- Operational temp -50° - $+60^\circ$.
- Colour Temp options 6500k
- Up to 32,000 Lumens, plus precision lens magnification.
- Sealing IP56 Searchlight.
- Searchlight weight Deck 39kgs, Deck Ped 45kg,
- Cabin 44kg, Cabin Ped 48kg.
- Special B1/2 & C2 dimensions available on request.
- Control Panel, fitted with On/Off, Focus
- IR LED Night Vision (optional)
- Strobe Capability (optional)
- Has Signaling capability, ship to ship or ship to shore.
- Remote Focus fitted as standard, giving an impressive range of 1 - 10° beam divergence adjustment.



ALL DIMENSIONS IN MILLIMETRES

Base fixing details:

Deck & Cabin 3 holes $\varnothing 11.0$ equi-spaced on a 174 PCD

Deck Ped 4 holes $\varnothing 12.5$ equi-spaced on a 220 PCD,

Cabin Ped 4 holes $\varnothing 12.5$ equi-spaced on a 190 PCD,

Cabin & Cabin Ped Central Hole $\varnothing 52$

Special Cabin & Pedestal dimensions available on request.

Part Numbers

Type	Supply	Watts	Part No
L380D Deck RF	115/230v	500w	A7316
L380DP Deck Ped RF	115/230v	500w	A7317
L380C Cabin RF	115/230v	500w	A7318
L380CP Cabin Ped RF	115/230v	500w	A7319

Standard Dimensions

B1	B2	C2
283	291	1513



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