



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 250w Laser system gives illumination characteristics in excess of a 2500w Xenon lamp, along with a 12,000 hour life.

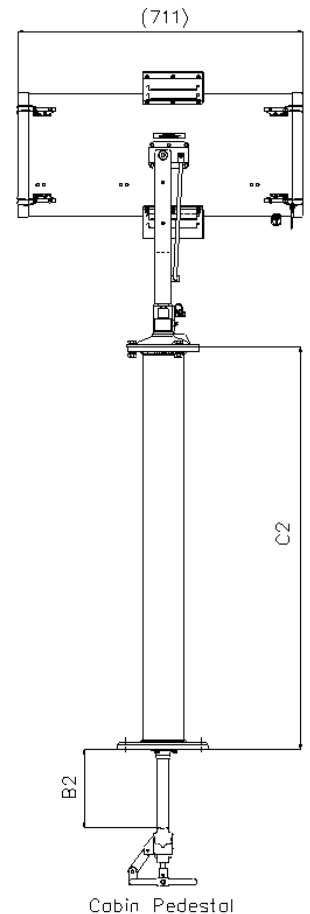
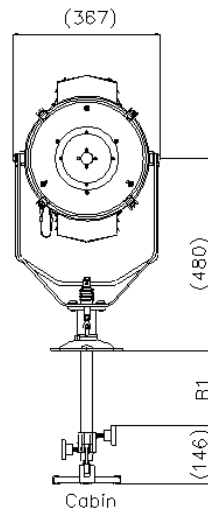
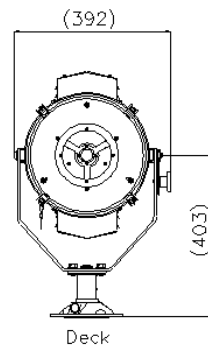
As with all Francis products, the construction is robust and of the highest quality.

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 +40° to -40°.
- Cabin/Cabin Ped Tilt elevation control +30° to -25°
- Operational temp -50°- +60°.
- Colour Temp options 6500k
- Up to 16,000 Lumens, plus precision lens magnification.
- Sealing IP56 Searchlight.
- Searchlight weight Deck 25kgs, Deck Ped 29kg,
- Cabin 28kg, Cabin Ped 32kg.
- Control Panel, fitted with On/Off, Focus.
- Has Signaling capability, ship to ship or ship to shore.
- Special B1/2 & C2 dimensions available on request.
- Remote Focus fitted as standard, giving an impressive range of 1 - 18° beam divergence adjustment.



ALL DIMENSIONS IN MILLIMETRES

Base fixing details:

Deck & Cabin 3 holes Ø11.0 equi-spaced on a 154 PCD
Deck Ped & Cabin Ped 4 holes Ø12.5 equi-spaced on a 190 PCD,

Cabin & Cabin Ped Central Hole Ø75

Special Cabin & Pedestal dimensions available on request.

Part Numbers

Type	Supply	Watts	Part No
L300D Deck RF	115/230v	250w	A7306
L300DP Deck Ped RF	115/230v	250w	A7307
L300C Cabin RF	115/230v	250w	A7308
L300CP Cabin Ped RF	115/230v	250w	A7309

Standard Dimensions

B1	B2	C2
205	196	1004

VAC/DC	Lamp life	Range @ 1 Lux	Luminous Flux	Div	Watts
115/230v	12,000 hrs	8178m	16,000	1-18°	250w