



APPLICATION

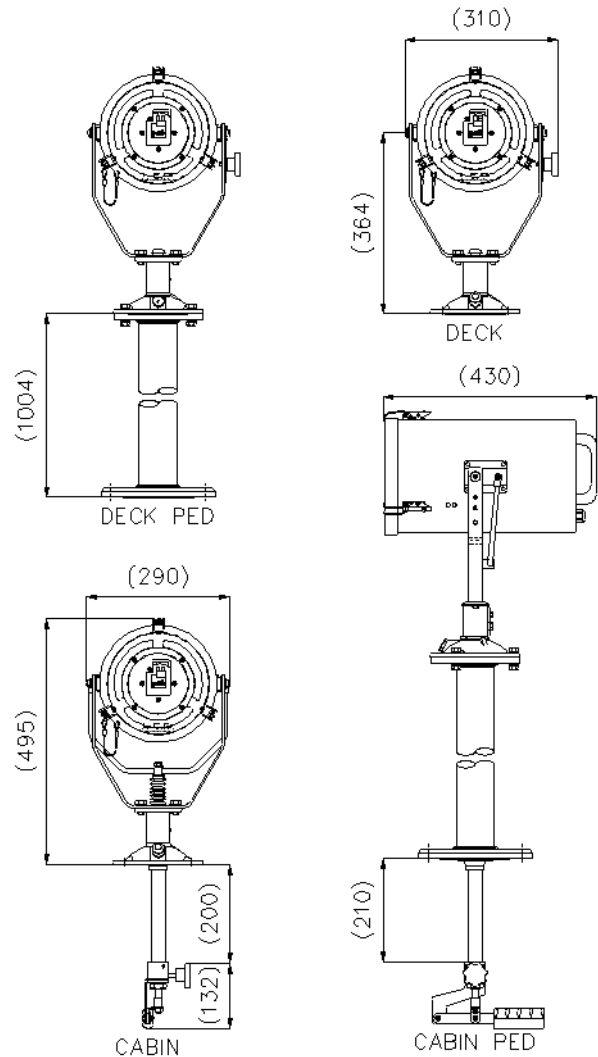
The new Francis LED searchlight range continues to develop and offers an Efficiently and Environmentally Friendly alternative to traditional lamp sources. Using the highest grade of LED, this range offers a high power output with low power consumption. In addition, the 100w LED offers a lamp life of 30,000 hours.

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.

The 100w LED gives illumination characteristics similar to that of a 1000w halogen lamp. This model offers a fixed focus with a 4° spot.

SPECIFICATION

- Toughened front glass.
- 30,000 hours LED life
- Parabolic super pure precision lens.
- 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°
- Fixed focus, 4° spot.
- Operational temp -50°.
- Up to 7,047 Lumens.
- Colour Temp options 6500k
- Sealing – IP66 Searchlight, PSU IP66.
- Modular design allowing customer to modify configuration.
- Searchlight weight Deck 12kgs, PSU weight 2.5kgs. Pedestal 4.6Kgs, Cabin control Assy 2.3Kgs, Cabin Pedestal Assy 3.3Kgs
- Special Cabin & Pedestal dimensions available on request.



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

Driver Box dimensions: 361 x 254 x 111mm

Part Numbers

| Type | Supply | Watts | Part No |
|---------------------|----------|-------|-----------|
| L230D Deck | 115/230v | 110w | A6253 |
| L230D Deck | 24v | 110w | A6257 |
| Cabin Control Assy | | | C27683-01 |
| Pedestal deck | | | C20719-39 |
| Cabin Pedestal Assy | | | C27684-01 |

| VAC | LED life | Range @ 1 Lux | Luminous Flux | Div | Watts |
|----------|------------|---------------|---------------|-----|-------|
| 115/230v | 30,000 hrs | 1357m | 7047 | 4° | 100w |