



L300 Issue 3
LED 234w Remote
Focus Manual
Control

APPLICATION

The Francis Remote Focus LED searchlight range has been developed to offer an Efficiently and Environmentally Friendly alternative to traditional lamp sources.

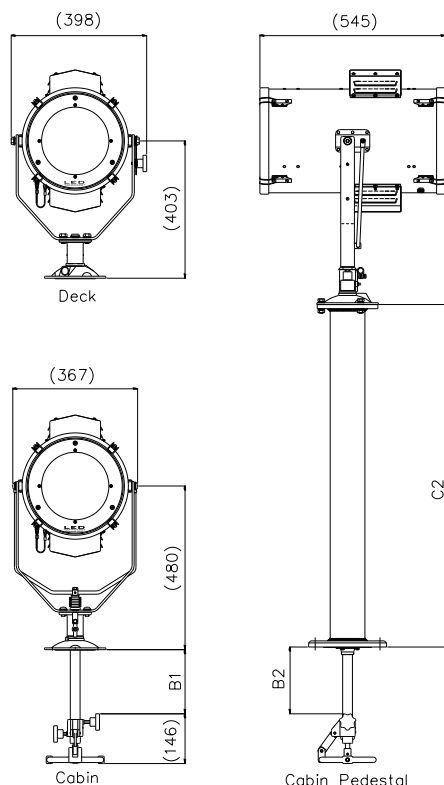
This range offers a high power output with low power consumption. Using a series of precision made glass lenses to optimize and collimate the light output, to achieve a greater range and output.
The high power LED Chip has 20,000 hour life.

As with all Francis products, the construction is robust and of the highest quality. To dissipate the heat generated by the high power LED, there has been a great focus on thermal management, and these heat sinks are integrated into the barrel construction.

The 234w LED gives illumination characteristics in excess of a 300w Xenon lamp / 3kw Halogen.

SPECIFICATION

- Toughened front glass.
- 20,000 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°.
- Up to 35,537 Lumen.
- Colour Temp options 6500k
- Sealing – IP56 Searchlight, PSU IP66.
- Searchlight weight Deck 17kgs, Deck Ped 21kg,
- Cabin 20kg, Cabin Ped 24kg. PSU weight 4kgs.
- Remote Focus fitted as standard.
- IR LED Night Vision (Optional)
- Strobe Capability (Optional)
- Special B1/2 & C2 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

PSU dimensions: 299 x 302 x 133mm

Part Numbers

| Type | Supply | Watts | Part No |
|---------------------|----------|-------|---------|
| L300D Deck RF | 115/230v | 234w | A6192 |
| L300DP Deck Ped RF | 115/230v | 234w | A6193 |
| L300C Cabin RF | 115/230v | 234w | A6194 |
| L300CP Cabin Ped RF | 115/230v | 234w | A6195 |
| L300D Deck RF | 24v | 234w | A6188 |
| L300DP Deck Ped RF | 24v | 234w | A6189 |
| L300C Cabin RF | 24v | 234w | A6190 |
| L300CP Cabin Ped RF | 24v | 234w | A6191 |

Standard Dimensions

| B1 | B2 | C2 |
|-----|-----|------|
| 188 | 196 | 1004 |

| VAC/DC | Lamp life | Range @ 1 Lux | Luminous Flux | Div | Watts |
|-----------------|------------|------------------|------------------|-------|-------|
| 115/230v 24v | 20,000 hrs | 3047m | 35,537 | 4-10° | 234w |