



## APPLICATION

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

Using the highest grade of the world class Osram LED, 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 22,800 Lumen.
- Colour Temp options 6000k
- Sealing – IP66 Searchlight, PSU IP66.
- Searchlight weight 17kgs, PSU weight 4kgs.
- Fixed focus options giving 4° degree Spot(SP), 6° Mid Beam(MD) or 10° Flood(FL).
- Special Cabin & Pedestal dimensions available on request.

## ALL DIMENSIONS IN MILLIMETRES

Base fixing details:  
3 holes 11.0 Ø equi-spaced on a 154mm PCD

PSU dimensions: 299 x 302 x 133mm

## Part Numbers

Type	Supply	Watts	Part No
L300D Deck	115/230v	234w	A6150SP, MD, FL
L300DP Deck Ped	115/230v	234w	A6153SP, MD, FL
L300C Cabin	115/230v	234w	A6152SP, MD, FL
L300CP Cabin Ped	115/230v	234w	A6154SP, MD, FL
L300D Deck	24v	234w	A6184SP, MD, FL
L300DP Deck Ped	24v	234w	A6185SP, MD, FL
L300C Cabin	24v	234w	A6186SP, MD, FL
L300CP Cabin Ped	24v	234w	A6187SP, MD, FL

VAC/DC	Lamp life	Range @ 1 Lux	Luminous Flux	Div	Watts
115/230v 24v	20,000 hrs	3177m @ 4° Div	35,357	4-10°	234w

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