

L300RC 250w Laser LED Remote Control Searchlight

The Francis Laser LED 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 ultra compact design also benefits from being a fully integrated system, with PSU and drivers being mounted inside the barrel housing.

The Francis bus (FBUS) is a custom communication protocol based on RS485 two-wire bi-directional communication hardware.



Information:

- Toughened super clear Optiwhite front glass.
- Precision made glass lenses.
- Marine grade materials and fixings.
- Powder coated and stove enamel paint finish.
- Variable speed, with auto home position.
- Dimmable Control Panel.
- Heater fitted in gearbox & barrel.
- Remote Focus.
- Direct cable connection.

Optional extras:

- Computer Control Software
- Azimuth LED Control Panel
- Master Control Panel (control up to 6 Searchlights)
- Slave Control Panels (with full control)
- Fiber Optic/TCP/IP Connections
- Flir Thermal camera
- Infrared LED Array Night Vision
- Strobe Capability

Specification		
Input voltage:	24v DC	115-240v AC
Input current:	12A Max	3A Max
Total power consumption:	350w Max	350w Max
Searchlight H.W.D:	1014 x 414 x 711mm	
Weight:	44Kgs	
Laser LED power:	250w	
Range @ 1 Lux:	7211m	
Divergence:	1° & 18°	
LED life (approx.)	12,000h	
Colour temperature:	6500K	
Luminous flux:	16,000 lumens	
Pan rotation:	365°	
Tilt elevation:	±35°	
Pan speed:	1 to 60°/sec	
Tilt Speed:	1 to 17°/sec	
IP rating:	IP56	
Operating temperature:	-20°C to +50°C (Optional -50°)	
Base Fixings:	4 holes 12.5 Ø on a 290mm PCD	
Joystick Control Panel	120x120mm (106 x 106mm cutout)	
Part Numbers:		
A7310 L300RC 115/240v Laser LED Remote Control Searchlight		
A7331 L300RC 24v Laser LED Remote Control Searchlight		

