

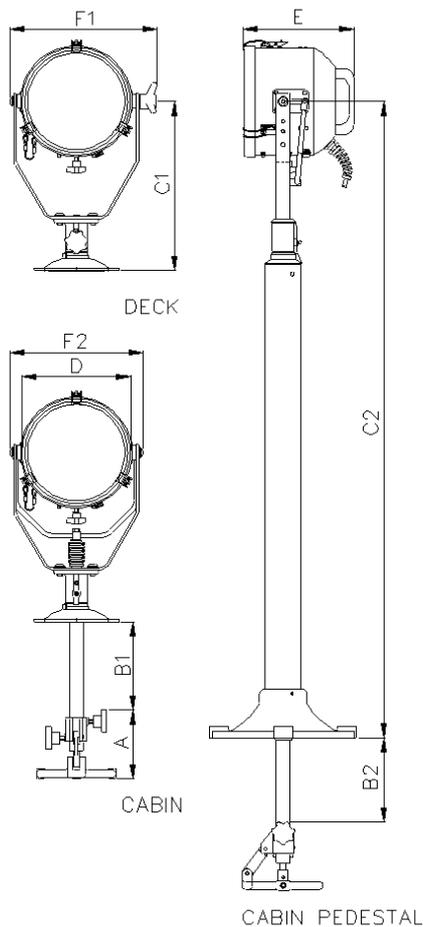
# FR280 Halogen Searchlight Manual Operation

The FRANCIS FR Premium range of searchlights incorporate the design features required to successfully operate searchlights in the most demanding product operating environments on land and sea.

These units are particularly suitable for use on patrol craft, custom vessels and general marine applications.

## Information:

- Toughened super clear Optiwhite front glass.
- Parabolic glass reflector.
- Marine grade materials and fixings.
- Powder coated and stove enamel paint finish.
- Optional Heater fitted in barrel.
- Light shield to prevent unwanted glare & stray light
- Special B1/2 & C2 dimensions available on request



Specification		
Input voltage:	24v DC	115-240v AC
Input current:	12A Max	3A Max
Total power consumption:	350w Max	
Halogen power:	150w, 250w, 300w	
Range @ 1 Lux:	960m, 1342m, 1150m	
PBCP x 1000:	921, 1800, 1323	
Divergence:	3° - 5°	
Lamp life (approx.)	75 - 300h	
Colour temperature:	3150 - 3450K	
Luminous flux:	7,300 – 9,000 lumens	
Pan rotation:	450°	
Tilt elevation Deck/Ped:	±40°	
Tilt elevation Cabin/Ped:	+30° -25°	
IP rating:	IP66	
Operating temperature:	-20°C to +50°C	
Base Fixings:		
Deck & Cabin: 3 holes Ø11.0 on a 154 PCD		
Deck Ped & Cabin Ped: 4 holes Ø14.5 on a 270 PCD		
Cabin & Cabin Ped: Ø40 Centre Hole		
Part Numbers:		
A2812 FR280D Deck 24v	A2898 FR280D Deck 110/240v	
A2814 FR280C Cabin 24v	A2905 FR280C Cabin 110/240v	
A2811 FR280DP Deck Ped 24v	A2907 FR280DP Deck Ped 110/240v	
A2813 FR280CP Cabin Ped 24v	A2906 FR280CP CabinPed 110/240v	
Optional Halogen Lamps:		
D14795 24v 150w	D9851 24v 250w	
D16883 120v 300w	D16841 240v 300w	

## Dimensions & Weights:

A	B1	B2	C1	C2	D	E	F1	F2
146	188	179	384	1378	280	234	360	330
Deck 13Kgs		Deck Ped 16Kgs		Cabin 14Kgs		Cabin Ped 18Kgs		