

Search light

APF 2300

Discharge lamp

General

The APF 2300 search light is an exterior light, flush mounted when retracted, with adjustable elevation and azimuth. It provides a very high energy beam to allow search operations.

The light consists of :

- a very high energy lamp (metal halide gas discharge)
- an electronically controlled beam spread orientation device,
- a case and interfaces.

It can be automatically shut off and retracted.

Mechanical characteristics

Case :

- H x W x D : 10 Inches x 11.8 Inches x 10 Inches.

Weight :

- 17 lbs maximum.

Fixing :

- Plate with holes and bonding area.

Paint :

- Dull black.

Rotation :

- 0 à 90° in elevation.
- 360° in azimuth without stop.

Electrical characteristics

- 28 VDC 5A max.
- 200 V 3 phases 700 W.

Performances :

- Elevation : 0 to 90° in less than 10 seconds.
- Azimuth : 360° in less than 30 seconds.



Environmental conditions :

Temperature :

- DO 160C Sect 4.
- -40°C à +70°C.

Altitude :

- 25 000 ft.

Vibrations :

- DO 160C Sect 8.

Shocks :

- DO 160C Sect 7.

Radiation susceptibility :

- DO 160C Sect 20.

Conducted emission :

- DO 160C Sect 21.

Radiated emission :

- DO 160C Sect 21.

HIRF :

- DO 160C Sect 20.

Power interruption :

- DO 160C Sect 16.

Rain :

- DO 160C Sect 10.