

Landing light

APF 2200

White and infrared retractable and adjustable

General

The APF 2200 landing light is an exterior light, flush mounted when retracted, with adjustable elevation and azimuth.

It provides two beams :

- a white beam for taxiing and landing,
- an infrared beam, continuously dimmable, for use with night vision goggles.

The light consists of :

- a high energy source 350 000 candelas fitted centrally,
- an infrared source with filter supplying beam for night operations,
- a beam spread orientation device, electronically controlled.

The light can be switched off and retracted automatically.

Mechanical characteristics

Case :

- H x W x D : 10 Inches x 11.8 Inches x 7.9 Inches.

Weight :

- 13 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.
- Maximum consumption is 20 A.

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.