

SEARCH LIGHT

APF2312

COBHAM

The most important thing we build is trust



FOCUS ON YOUR TARGET



- **HID technology**
- **1,000,000 cd**
- **Flush-mounted and retractable**
- **Azimuth 360° / Elevation 90°**

SEARCH LIGHT

APF2340

COBHAM

Product Features

The flush-mounted and retractable Search Light is adjustable in elevation (90°) and azimuth (360°). It provides a very high energy beam to allow search operations.

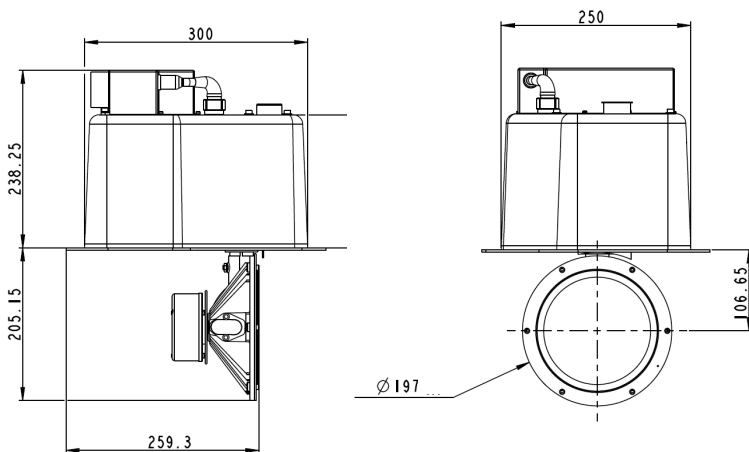
The Search Light consists of a 575 HMI HID lamp source with its reflector, electronic ballast, beam spread orientation means (motors, gears, position devices), a mechanical structure, an electrical interface and a light source controlling circuit.

The HID technology makes more light visible per-unit-of-electrical-power-consumed than incandescent lamps, and increases intensity.

The Search Light P/N APF2340 is qualified on the Eurocopter NH90 military helicopters.

About Cobham Aerospace Communications

Cobham Aerospace Communications is a global supplier of avionics and slip-ring solutions for civil and military applications.



SEARCH LIGHT:

Power supply: 28 VDC (12 to 36 VDC)

115 VAC/400Hz (tri-phase)

Consumption on DC network: 5 A

(with two orientations at maximal air load)

Consumption on AC network: 700 Watts

Photometrical intensity: 1,000,000 cd

White beam spread:

8° vertical

8° horizontal

Dimensions/Weight (approx.):

Sizes: See drawing (mm)

Weight: 7 kg/ 15.4 lbs

Mechanical:

The beam spread orientation controlled simultaneously:

In elevation: from $0^{\circ} \pm 1^{\circ}$ (retracted) to 90°

In azimuth: Rotation $> 360^{\circ}$ possible at 90° in elevation

Maximal $\pm 110^{\circ}$ between 75° and 90° in elevation

Maximal rotation $\pm 90^{\circ}$ between 0° and 75° in elevation

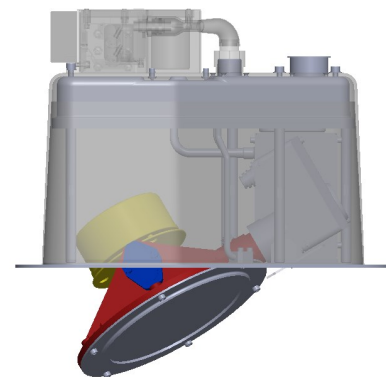
Mechanical Interfaces: Plate with holes and bonding

Compliance:

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

Paint Finishes:

Standard color: black mat according to FED/STD/595A color number 370038



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