INTERFACE CONTROL DOCUMENT

XENON STROBE LIGHT

P/N: 6441501

Diffusion	**Interne à JPC**			**Externe à JPC**	
	1 ex →			1 ex → EASA	
Version	**Document**	**Issue.**	**Date**	**Last evolution**	**Pages changed**
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LIST OF EVOLUTIONS

Date	Issue N°	By	Evolution
17/02/2021	**1**	**Pierre Jacquier**	**- Document creation**

GLOSSARY

1 General

1.1 Generalities

This document defines the electrical, mechanical and thermal interfaces for “Xenon Strobe Light” P/N 6441501.

1.2 Destination

Anti-collision light for light aircraft.

1.3 Description

The light P/N 6441501 can be connected to several Power unit supply:

- P/N 6441102A
- P/N 6441402A
- P/N 6441102
- P/N 6442802

The light source is 20W xenon bulb.
This design offers an extremely high reliability, a high resistance to shocks and vibration.

2 Physical, electrical and optical features

2.1 Physical features

- Individual weight : 50g (0.112 pound)
- Dimensions : see 2D drawing in annex
- Envelope color : Black PA 6.6
- Fixation flange : Aluminium
- Lens : Borosilicate glass

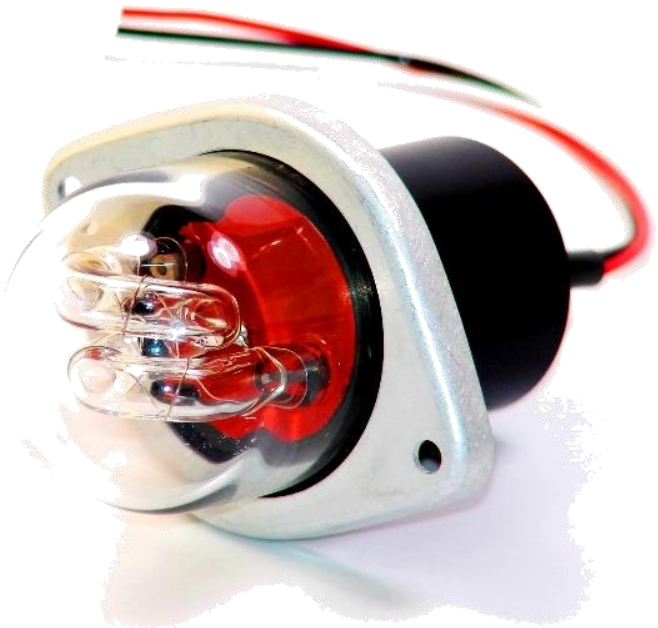
2.2 Optical features

20W xenon lamp

2.3 Operating temperature

Positive temperature : +70°C
Negative temperature : - 45°C

3 Network



3.1 Electrical interface

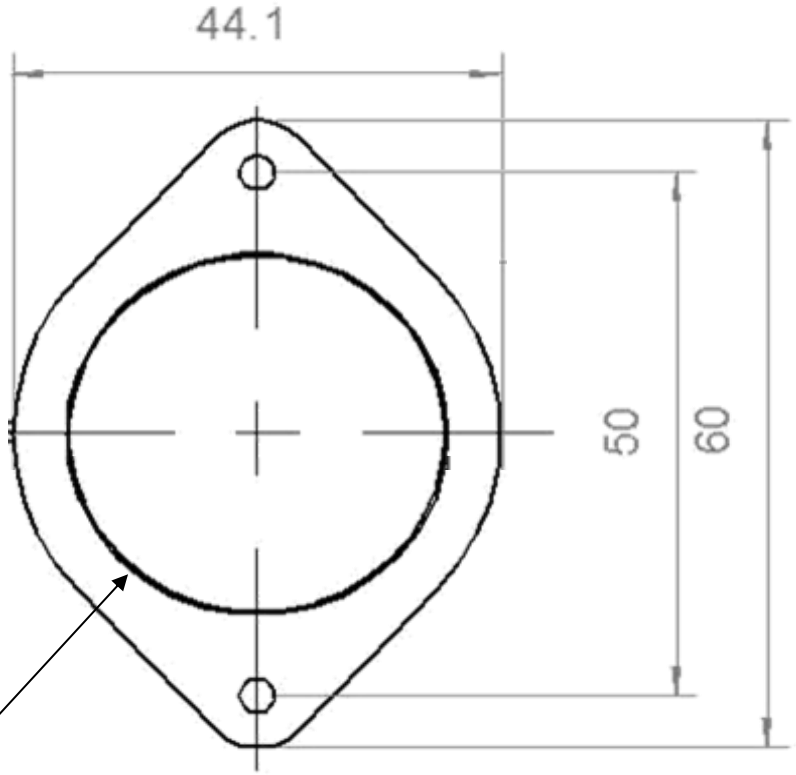
3 X G22 wires

RED	=	+ HIGH VOLTAGE
WHITE	=	excit
BLACK	=	- HIGH VOLTAGE

3.2 Electrical power supply

Input Voltage : 400 V max

3.3 Mechanical interface



Hole 30 mm

4 Annexes

4.1 2D drawing