



AIRCRAFT WINGTIP POSITION/STROBE LIGHT SYSTEM

AVIATION MODEL	DESCRIPTION	PART NUMBER
WPSL14R	WINGTIP RED & WHITE POSITION/STROBE LIGHT 14V	6490611 AMD(0)
WPSL14G	WINGTIP GREEN & WHITE POSITION/STROBE LIGHT 14V	6490621 AMD(0)
WPSL28R	WINGTIP RED & WHITE POSITION/STROBE LIGHT 28V	6490711 AMD(0)
WPSL28G	WINGTIP GREEN & WHITE POSITION/STROBE LIGHT 28V	6490721 AMD(0)

Certification CS ETSO C30d Type I,II & III / C96b CLASS II (EASA EASA.210.10081313)

- **High reliability:** LED technology : more than 20 000 FH MTBF
- **Low EMI emission**
- **Light weight**
- **Resistance to high vibrations**
- **Tested for extreme environment**

TECHNICAL FEATURES

• Position Light function:

- Light Intensity, color and distribution in accordance with CS-ETSO C30d Type I, II & III
- Voltage for all P/N: 11 to 32V VDC
- Input current: 0.33A at 14V & 0.18A at 28V

• Strobe Light function:

- Light Intensity, color and distribution in accordance with CS-ETSO C96b CLASS II
- Voltage: P/N 6490611 & 6490621: 14V
P/N 6490711 & 6490721: 28V
- Input current: 3.5A peak at 14V & 1.8A peak at 28V

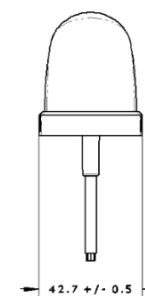
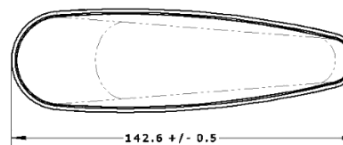
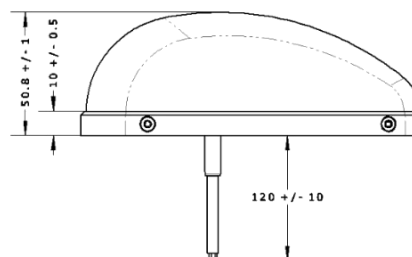
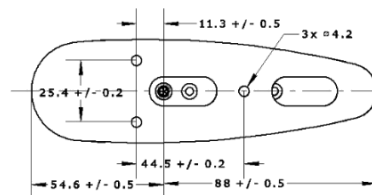
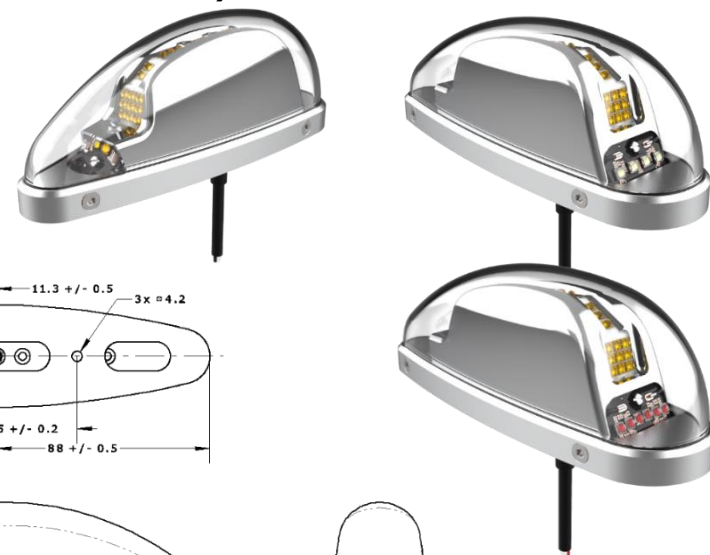
• Connection : 5 free end G22 wires

- Red wire : +Vin position light
- Black wire : 0V position light
- White wire : +Vin Strobe light
- blue wire : 0V Strobe light
- Yellow wire : synchronization for 2 Strobe light

• Operating Temperature : - 45°C / +70°C

• Weight : 0.21 kg (0.46 pound)

• Mechanical interface: Adaptable on Standard Forward Position Lights interface.



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EUROPEAN TECHNICAL STANDARD ORDER (ETSO) AUTHORISATION

EASA.210.10081313

This European Technical Standard Order (ETSO) Authorisation is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation, subject to conditions specified below, to

J.P.C. AVIATION

AERODROME DE DIJON DAROIS
21121 DAROIS
FRANCE

in accordance with Commission Regulation (EU) No. 748/2012, Part 21, Section A, Subpart O and ETSO C30d, C96b

for

WPSL28G WPSL28R WPSL14G WPSL14R
P/N: 6490721AMD(), 6490711AMD(), 6490621AMD(), 6490611AMD()
DDP No. 649 06&07 11&21 DDP 01, ISSUE 2, or Subsequent Revisions

Remarks:

ETSO-C30d type III is only achieved by the combined type I and type II position lights.

Additional Functionalities:

Additional functionality as listed in the DDP is not covered by the above mentioned ETSO standard(s) and is accepted on a non-interference basis.

Conditions:

1. The above ETSO Authorisation holder is only authorised to identify an Article with this ETSO marking whilst remaining in compliance with the conditions retained for the Issue of this Authorisation.
2. This ETSO Authorisation does not constitute an installation approval. It is the responsibility of those installing this article to determine that the aircraft installation conditions are within the ETSO standards.

This ETSO Authorisation shall remain valid until surrendered or revoked.

- End -

For the European Union Aviation Safety Agency

Cologne, Germany, 21 February 2023



Francesco Maria CARIDEI
Section Manager
European Technical Standard Orders