

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

**Certificate No.**  
**2821-CPR-0285**

**Issue date**  
11-June-2024

**Issue No.**  
1

**Re-Issue date**  
N/A



In compliance with the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product and placed on the market under the name or trademark of

**Manufacturer:** European Safety Systems Ltd

**Address:** Units 18 & 20, Impress House, Mansell Road Action, London W3 7QH, UK

**Product:** SONFL1X Visual / Acoustical Alarm Device

**Places of production:** Same as manufacturer

**Harmonized Standard:** EN 54-3:2001 + A1:2002 + A2:2006  
EN 54-23:2010

**Product Area: 10**

Head of Notified Body:

Erik Teubler

Issued by UL International (Netherlands) B.V., Notified Body 2821.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above referenced standard(s) under System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

## Economic Operators:

Manufacturer: European Safety Systems Ltd  
Manufacturers Address: Units 18 & 20, Impress House, Mansell Road Action,  
London W3 7QH, UK  
Authorised Representative: E2S Warnsignaltechnik UG  
Authorised Representative Address: Charlottenstrasse 45-51, 72764 Reutlingen, Germany

## Detailed information sheet:

Product Reference: Model SONFL1XDC024 Sounder and Visual Alarm Device.  
Type: Type B (outdoor)  
Description: Model SONFL1XDC024 - Alarm Horn & Xenon Strobe Beacon  
Key Performance parameters: Operating Voltage: 24V dc (10-30V dc)  
VAD: W-2.4-4.8 (24V)  
Certified Tones:  
Tone 1: (Alternating Tone) 800/1000Hz @ 0.25s alternating  
Tone 2: (Rising Tone) 500/1200Hz @ 0.3Hz 0.5s  
Tone 3: (Fainting Tone) 1200/500Hz @ 1Hz  
Tone 4: (Alternating Tone) 544Hz(100mS)/440Hz (400mS)  
Tone 8: (Continuous Tone) 1000Hz  
Tone 9: (Continuous Tone) 544Hz  
Accessories: N/A  
Identification and intended use EN54-3:  
Product: Fire detection and fire alarm systems – Alarm devices - Sounders.  
Intended use: Fire safety.  
EN54-23:  
Product: Fire detection and fire alarm systems – Alarm devices – Visual alarm devices (VADs)  
Intended use: Fire detection and fire alarm systems installed in and around buildings

## Limitations on the acceptance or use of the product(s):

Installation instructions To be used in accordance with the supplier's installation instructions, and technical datasheet.  
Limitations Only 24V dc version is certified.  
Only 1 Hz Flashing Mode (DC) is certified.  
UL Report: S36282-D03-EuropeanDirective-Original

**Revision Table:**

Version	Project Number	Date	Description
1.0	4791045179	11-06-2024	Initial

**Terms and Conditions:**

1. This certificate remains the property of UL International (NL) B.V, herein "UL NL", and will be withdrawn if any conditions attached to its issue are not complied with.
2. This certificate is issued subject to the Global Services Agreement (GSA) and CPR Service Terms.
3. Production is limited to the site(s) as listed or detailed within the Technical documentation held by UL NL.
4. Any product change, production/process changes, etc. which may affect conformity shall be notified to UL NL.
5. This certificate is only valid for placing goods on the EU market.
6. The requirements for the economic operators stipulated in CHAPTER II, Article 4 of the Regulation (EU) 2019/1020 of the European Parliament and of the Council of 20 June 2019

END OF CERTIFICATE