

# UL-EU CERTIFICATE

**Certificate No.** UL-EU-01155-CPR

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**Date of Issue** 2021-04-16

**Certificate Holder** European Safety Systems Ltd  
Units 18 & 20, Impress House  
Mansell Road Action  
London, W3 7QH, UK

**Manufacturer** As per certificate holder

**Certified Product Type** Fire Alarm Devices - Sounder - Type B (outdoor)  
Alarm Devices - Visual Alarm Device - Type B (outdoor)

**Product Trade Name** AlertAlarm Range  
Models: AL112NXDC024, AL121XDC024,  
AL112NXDC048, and AL121XDC048

**Trademark**



**Rating/Classification** AL112NXDC024 / AL121XDC024: 24 V dc  
(20.0 – 28.0 V dc)

AL112NXDC048 / AL121XDC048: 48 V dc  
(42.0 – 52.0 V dc)

**Certified Tones:** Tone 2: Fainting Tone, 1200/500Hz @1Hz  
Tone 5: Alternating Tone, 544Hz(100mS)/440Hz (400mS)  
Tone 8: Rising Tone, 500/1200Hz @ 0.26Hz (3.3s on, 0.5s off)  
Tone 21: Continuous Tone, 800Hz  
Tone 31: Pulsed Tone, 660Hz (150mS on, 150mS off)  
Tone 44: Alternating Tone 800/1000Hz @ 2Hz Alternating

A handwritten signature in blue ink, appearing to read 'Chris Miles'.

**Authorized Certification Decision Maker**

Chris Miles

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. Only those products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



# UL-EU Certificate

**Certification Mark** UL-EU mark  
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**Approved Beacon Applications:** Lens Colour – Clear  
Flash Mode – 1 Hz  
Position – Sounder on top, beacon below

**Category:** W (Wall)

**Coverage Area:** AL112NXDC024 / AL121XDC024 @ 24 V dc:  
W-2.4-4.8; Power = 7 Watts

AL112NXDC048 / AL121XDC048 @ 48 V dc:  
W-2.5-5.0; Power = 11 Watts

**Coverage Volume:** AL112NXDC024 / AL121XDC024 @ 24 V dc:  
V= 55.3<sup>3</sup>

AL112NXDC048 / AL121XDC048 @ 48 V dc:  
V= 62.5<sup>3</sup>

**Harmonised Technical Specifications** EN 54-3:2001 + A1:2002 + A2:2006 – Sounders  
EN 54-3:2014 + A1:2019 – Sounders  
EN 54-23:2010 – Visual alarm devices

**Descriptive Report** S36282-D02-EuropeanDirective-Original  
**Expiry date** 2031-04-15



# Appendix UL-EU Certificate

<b>Certification Mark</b>	<b>UL-EU mark</b>
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The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

## PROCUREMENT

The Production site may reproduce the Mark or obtain it from a UL authorized supplier. The list of UL authorized suppliers can be found on UL's online directory at [www.ul.com](http://www.ul.com).

