

# EU Declaration of Conformity

## **SmartShow UK Ltd**

Of 20 Ashburnham Road. Ramsgate, Kent, United Kingdom CT11 0BJ

**Declares that under our sole responsibility, the product :**

**VIBE-100** (A 5V DC powered Pixel LED lighting device incorporating Wi-Fi radio module)

**Conforms with the following Union Harmonisation Legislation :**

Radio Equipment Directive 2014/53/EU & RoHS Directive 2011/65/EU (as amended)

### Conformity Assessment Basis

The product incorporates the pre-certified radio module:

ESP32-WROOM-32D (integrated PCB antenna)

The module has been integrated in accordance with the manufacturer's installation guidelines and without modification to the RF design. The final product has been assessed for electromagnetic compatibility and safety requirements under normal and reasonably foreseeable operating conditions.

### Harmonised Standards Applied

For EMC:

EN 55032:2015+A11:2020

EN 55035:2017+A11:2020

For Radio (module compliance reference):

EN 300 328 V2.2.2

EN 301 489-1 V2.2.3

EN 301 489-17 V3.2.4

For RoHS:

EN IEC 63000:2018

### Additional Information

The product:

Operates from an external certified 5 V DC power supply and incorporates a certified ESP32 radio module. Includes over-voltage protection, over-current protection, and firmware-enforced current limiting. Has been assessed for EMC emissions and immunity under worst-case operating conditions

Technical documentation is held at the manufacturer's address listed above.

**Signed for and on behalf of :**

**Place of Issue :**

**Date of Issue :**

**Name:**

**Position :**

**Signature :**

**SmartShow UK Ltd**

**Ramsgate, Kent, UK, CT11 0BJ**

**4<sup>th</sup> March 2026**

**Bobby Peter Lynas**

**Managing Director**

