

UKCA Declaration of Conformity

SmartShow UK Ltd

Of 20 Ashburnham Road. Ramsgate, Kent, United Kingdom CT11 OBJ

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 Regulations 2017
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

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 :

SmartShow UK Ltd

Place of Issue :

Ramsgate, Kent, UK, CT11 OBJ

Date of Issue :

4th March 2026

Name:

Bobby Peter Lynas

Position :

Managing Director

Signature :