

Declaration of Conformity - EMC

Preparation Date: 12th September 2023

We Broyce Control Ltd

Of Pool Street, Wolverhampton, West Midlands, England WV2 4HN

Declare under our sole responsibility that the product(s):

LEDf

to which this Declaration relates are in conformity with the following standard(s):

Emissions (to EN 61000-6-4)

EN 55022	Conductive Emissions (Class B)	150kHz – 30MHz
EN 55022	Radiative Emissions (Class B)	30MHz – 1000MHz

Immunity (to EN 61000-6-2)

EN 61000-4-2	Electrostatic Contact Discharge test	±4kV (Contact) / ±8kV (Air)
EN 61000-4-3	Radio Frequency Immunity test	10V/m, 80MHz – 1GHz, 3V/m 1.4 – 2GHz 1V/m 2 – 2.7GHz, 1kHz, 80% AM
EN 61000-4-4	Fast Transients	±2kV
EN 61000-4-5	Surges	±2kV L>N, ±4kV L>E/N>E
EN 61000-4-6	Conducted Radio Frequency Immunity	10Vrms, 150kHz – 80MHz, 1kHz, 80% AM
EN 61000-4-8	Power Frequency Magnetic Field	300A/m @ 50/60Hz

following the provisions of EMC Directive 2014/30/EU.

Signed by and on behalf of **Broyce Control Ltd**

Signature:
(David Gough)



Position:

General Manager

Date:

12th September 2023