



America

5015 B. U. Bowman Dr.
Buford, GA 30518

February 8, 2018

TÜV SÜD America TCB
5945 Cabot Parkway
Alpharetta, GA 30005

Re: FCC ID: 2ADCB-RMODITHP

To Whom It May Concern:

The following application is submitted on behalf of our client, Acuity Brands Lighting, Inc., for evaluation of their model RMODITHP for limited modular approval certification under FCC Part 15.247.

The RMODITHP (nLight Air High Powered RF Module) is a device designed to solder directly to another PCB using castellated edges. The product is intended to allow a variety of Acuity Brands devices to communicate in a wireless network by using either an external host processor, or by using the processor on the module.

The RMODITHP contains two radios on the module. One radio is a 2.4GHz BLE MAC and PHY operating in the frequency range of 2402-2480MHz. The other radio is a proprietary 902-928MHz (915MHz) implementation. These two radios are capable of transmitting and receiving at the same time. Radiated inter-modulation testing was performed for all combinations of simultaneous transmission and found to comply.

The RMODITHP was tested in full to the requirements of the aforementioned rules and was found to be in compliance.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Sam Wismer". The signature is fluid and cursive, with the first name "Sam" being more prominent.

Sam Wismer
Southeast Regional Manager - EMC
TÜV SÜD America