

=====

FCC ID:NIRCP3817LC

June 19, 2014

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

COVER LETTER.

Dear Sir/Madam,

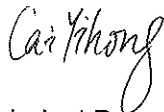
Shanghai Qiangling Electronic Co Ltd(SQL). pursuing FCC Certification under the FCC Part 15.247 for the Remote Wireless LED Lamp, model CP3817LC, FCC ID:NIRCP3817LC

The lamp has the IEEE802.15.4 standards-based wireless transceiver that transmits and receives data over the air in the unlicensed 2.4GHz band and powered by a LED lamp power driver, 120 V~. The wireless transceiver comprises a 2.4GHz radio, modem, a baseband processor, a security coprocessor and PHY controller. The transceiver operation frequency band is 2405-2480 MHz, DSSS modulation type O-QPSK. The modem performs all the necessary modulation and spreading functions required for digital transmission and reception of data at 250kbps in the 2405 – 2480 MHz radio frequency band in compliance with the IEEE802.15.4 standard.

The PCB trace antenna's gain is nominally 1.1 dBi.

Sincerely,

Sincerely,



CaiYihong
Manager of Technical Department
Shanghai Qiangling Electronic Co Ltd