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|  | <b>iQ RF Controller<br/>User Manual</b> | Status: Draft<br><br>Date 05/26/2020 |
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## 1. Introduction:

iQ RF Controller board is designed for Osram internal use only. To explain further, this RF controller board can be integrated into any Osram end products such as LED Lamp, Power Supply for LED, Electronic Ballast or Luminaires. However, this RF Controller board is NOT meant to be sold to third parties.

Specification of this RF Controller board is presented in Table1.

**Table 1: RF Module specification**

| Parameter                      | Description               |
|--------------------------------|---------------------------|
| Description                    | iQ RF Controller          |
| PHY and MAC layers transceiver | 2.4GHz IEEE 802.15.4-2003 |
| Agency Approvals               | FCC, IC                   |
| FCC #                          | DZO-OSREFRMG21P           |
| IC#                            | 23566-OSREFRMG21P         |
| HVIN#                          | OSREFRMG21P               |

## 2. Warning

*Changes or modifications not expressly approved by R&D Director of Osram could void the user's authority to operate this equipment. This is due to FCC or IC requirements.*

## 3. Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



