



TEST REPORT

Applicant Name: Dawnrise Inc.
Address: 21671 Gateway Center Dr., Suite # 203 Diamond Bar, CA 91765.
U.S.A.
Report Number: 2504Y35605E-RF
FCC ID: 2BTHI-CGL050RD

Test Standard (s)

FCC PART 1.1307(b)

Sample Description

Product Name: 8 IN CEILING LIGHT WITH REMOTE
Model No.: CGL050RD-LI-1
Trade Mark: Ecosmart, Dawnrise
Date Received: 2025-10-28
Report Date: 2025-12-01

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:

Amanda Wei

Amanda Wei
EMC Engineer

Approved By:

Bob. Liao

Bob.Liao
EMC Engineer

Note: This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the Federal Government. The information marked "#" is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included but no need marked.
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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504Y35605E-RF	Original Report	2025-12-01

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	8 IN CEILING LIGHT WITH REMOTE
Tested Model	CGL050RD-LI-1
Voltage Range [#]	DC 3.7V from battery or DC 5.0V from Adapter
Frequency Range	24.00GHz-24.25GHz
Maximum E-Field Strength (Peak)	88.27dBuV/m@3m
Antenna Specification [#]	Internal Antenna, Antenna gain: 6.9dBi (It is provided by the applicant.)
Sample Serial Number	3BH1-1 (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition

Objective

This test report is in accordance with Part 1-Subpart I and Part 2-Subpart J, Radiofrequency Radiation Exposure of the Federal Communication Commission rules.

The tests were performed in order to determine compliance with FCC §1.1307(b) rules.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

RF EXPOSURE

Applicable Standard

According to FCC §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB 447498 D04 Interim General RF Exposure Guidance v01, clause 2.1.2 – 1-mW test Exemption:

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.
This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

Test Result:

For worst case:

Frequency	Maximum Power		1-mW test Exemption
(GHz)	(dBm)	(mW)	
24.00-24.25	-6.93	0.02	Yes

Note: $E(\text{dBuV/m}) = \text{EIRP}(\text{dBm}) - 95.2$ for distance 3m
Use the highest E-field strength(88.27 dBuV/m) for the evaluation,
so the EIRP= 88.27 dBuV/m-95.2=-6.93 dBm

Result: Compliance.

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2504Y35605E-RF EUT External Photos and Attachment No.2 2504Y35605E-RF EUT Internal Photos.

***** END OF REPORT *****