FCC RF EXPOSURE REPORT

FCC ID: 2A3MAF2

Project No.	:	2508C412
Equipment	:	Smart LED Flood Light
Brand Name	:	N/A
Test Model	:	F2-30
Model Name	:	F2-30, F2-50
Hardware Version	:	V0
Software Version	:	V0
Applicant	:	LEPRO INNOVATION INC
Address	:	3651 Lindell Road Suite D1048, Las Vegas, NV 89103, USA
Manufacturer	:	LEPRO INNOVATION INC
Address	:	3651 Lindell Road Suite D1048, Las Vegas, NV 89103, USA
Factory	:	ZOPOISE TECHNOLOGY (ZHUZHOU) CO., LTD
Address	:	Xinma Industrial Park, Tianyuan District, Zhuzhou City,Hunan Province，China.
Date of Receipt	:	Aug. 14, 2025
Date of Test	:	Aug. 15, 2025 ~ Oct. 30, 2025
Issued Date	:	Dec. 17, 2025
Test Sample	:	Engineering Sample No.: DG920250814113
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091 FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2508C412	R00	Original Report.	Nov. 28, 2025	Invalid
BTL-FCCP-3-2508C412	R01	This report add 2 Chapter note description. It is a revision of the report with serial number BTL-FCCP-3-2508C412 R00. This is a newly released report, replacing the BTL-FCCP-3-2508C412 R00 report.	Dec. 17, 2025	Valid

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

2. ANTENNA SPECIFICATION

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Dongguan Yichangda Electronics Co., Ltd	YCD-2.4GFPC0065-002	FPC	N/A	7.46

Note:
1) The antenna gain is provided by the manufacturer.
2) Both models have been verified and the worst case is F2-30 recorded in the report.

3. CALCULATED RESULT

For LE:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
7.46	5.5719	17.32	53.9511	0.05983	1	Complies

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
7.46	5.5719	14.04	25.3513	0.02812	1	Complies

Note:
(1) The calculated distance is 20 cm.

End of Test Report