

Maximum Permissible Exposure Report

FCC ID: 2ALSZ-CL31007P

Report No. : BTL-FCCP-2-2002T145
Equipment : Photocontroller
Model Name : iSLC3100-7P-C
Brand Name : CIMCON
Applicant : CIMCON Lighting, Inc.
Address : 200 Summit Drive, Suite 500, South Tower, Burlington, MA 01803
Manufacturer : CIMCON Lighting, Inc.
Address : 200 Summit Drive, Suite 500, South Tower, Burlington, MA 01803

Accordinging : FCC Guidelines for Human Exposure IEEE C95.1


Date of Receipt : 2020/3/2
Date of Test : 2020/3/2~ 2020/4/7
Issued Date : 2020/4/8

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by


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Approved by


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**BTL Inc.**

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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

Table for Filed Antenna:

Ant.	Brand	Model	Type	Connector	Gain (dBi)
1	N/A	iSLC3100-7P	Monopole	N/A	1.5

TEST RESULTS

Frequency (MHz)	Maximum Conducted Output Power (dBm)	Maximum Conducted Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (numeric)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)
2440	22.44	175.3881	1.5	1.4125	0.0493	1.0000

NOTE: The calculated distance is 20 cm.

End of Test Report