



raypure



INDIA's First SMART Lighting DISINFECTION SOLUTIONS

The Regular LED Lighting that
Sterilizes Spaces Continuously

Switch On - Disinfection On





Human-Centric Lighting designed for Infection-Sensitive Spaces

Hospitals

ICU, Operation Theatre, Patient Wards, Patients Waiting Area

Schools

Playschools, Day Care Centres, Primary Schools, Dining Area

Offices, Malls, Hotels, Restaurants, Kitchens, Elevators, Cafeteria, Washrooms

Pharma Clean Rooms, Food Processing, Poultry & Dairy

Raypure Antimicrobial Light provides continuous protection keeping your surroundings safer and healthier every day



Bacteria Growth
under Normal Light



Nil Bacteria Growth
under Raypure Light



Why RayPure Anti-Microbial Embedded Technology is Indispensable

Uses Simple **Regular Lighting** as a Powerful **Disinfectant**

Provides Full **Disinfection** of Ambient Air & Hidden Surfaces

Works exactly when Disinfection is **needed the most.**
When people are around

Absolutely Safe for humans and 24 / 7 use. No UV or Toxic Fumes and Chemicals

Disinfecting - easy as just switching on the Light



PHARMA



RAYPURE CERTIFICATES

SCAN this QR for all the REPORTS ➤➤➤



COVID VIRUS TESTED VERIFIED @ CCMB & ICMR

सो सो एम बी CCMB
कोरिस्टीय एवं अन्यायिक जीव विज्ञान केन्द्र
CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY
भारत सरकार के द्वारा संचालित
भारत, हैदराबाद - 500 007, भारत
Oppal Kundi, Hyderabad - 500 007, India

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Anti-viral Testing Report Date: 17th August, 2021

Name of the Company: LEDCHIP INDUS P LTD.
Specifics of the Product: RAYPURE NON-UV LIGHT
Name of the virus tested: SARS-CoV2
Tested Concentrations (min): 15, 30, 45, 60, 90

Assay Details:

Assay Performed	Materials used	Manufacturer
Viral RNA Extraction	MagMAX™ Viral/Pathogen II Nucleic Acid Isolation Kit	Applied Biosystems (by Thermo Fisher Scientific)
qRT-PCR	MERIL COVID-19 One-Step RT-PCR Kit	MERIL Diagnostics

Graph showing Log Viral Particle vs Time (min) and % Viral Reduction:

Time (min)	Log Viral Particle	% Viral Reduction
0	~8.5	0%
15	~7.5	~10%
30	~7.0	~20%
45	~6.5	~30%
60	~5.5	~45%
90	~3.5	~98%

Results: The device showed 98% viral reduction at 90min. The viral particles reduced from $10^{8.5}$ to $10^{3.5}$ at 90 min.

The experiment was done in duplicates and the values were averaged to calculate % viral reduction.

The regression equation for viral particles Vs Ct value of the N-gene specific to SARS-CoV2 virus ($y = -3.842x + 40.364$, $R^2 = 0.9964$)

Number of viral particles are calculated using $X = ((40.364 - Ct) \times 10^{3.8424})$.

Number of viral particles in infection control - number of viral particles exposed to device (test) / number of viral particles in infection control = 1.00

(X= Number of viral particles, y= Ct value)

(Dr B Kiran Kumar) Scientist-in-charge, CCMB

NO RADIATION -IT IS VISIBLE LIGHT ONLY

APPLIED PHYSICS DEPARTMENT
FACULTY OF TECHNOLOGY AND ENGINEERING
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
VADODARA - 390 001, GUJARAT, INDIA.
DST-FIST & UGC-DRS Sponsored Department

Dr. C. J. Panchal
Associate Professor

14th October 2021

Certificate of Radiational Safety of Raypure Disinfection Devices

PRODUCT TESTED
We have been tasked to examine & test the Raypure Non-UV Continuous Disinfection System LED LIGHT, that are employed in Bactericidal & Virucidal application, and are specified to have no radiation that are harmful for human beings.

RESULTS & CONCLUSION
We have examined the Spectral Power Distribution of the Raypure Disinfection device.

We hereby certify that the light emission of Raypure Disinfection device is limited to the range that is within the 'Visible' region of spectrum. Raypure's emissions do not contain any harmful radiation and Raypure emits neither the Ultraviolet UVA, UVB, UVC nor the Infra-Red IR.

Further certified that above emissions of the Raypure light **have no scientifically established adverse effects on humans**, as per the current scientific knowledge.

Dr. C. J. Panchal

CE CERTIFICATE

Certificate RCS CERT

THIS IS TO CERTIFY THAT THE TECHNICAL DOCUMENTATION/INSPECTION/TEST RESULTS COMPLY WITH THE REQUIREMENT OF MEDICAL DEVICE DIRECTIVE 93/42/EEC MANUFACTURED BY:

NAME: LEDCHIP INDUS PRIVATE LIMITED
ADDRESS: 2nd FLOOR, 29 A AND B, ROAD NO.11, ELECTRONIC COMPLEX, KUSHAIGUDA, MEDCHAL - MALKAJGIRI, TELANGANA, 500062, INDIA
SCOPE: MANUFACTURER
PRODUCTS: MANUFACTURER OF NON UV DISINFECTION LED LIGHTS & LED PRODUCTS.

COMPLIES WITH THE REQUIREMENTS APPLICABLE TO IT:
The Certification Body has performed an independent audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to the Medical Device Directive 93/42/EEC.

THIS CERTIFICATE IS ISSUED UNDER THE FOLLOWING CONDITIONS:

1. It applies only to the quality system maintained by the manufacturer of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device of the above referenced products the CE mark.
5. The label mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

CERTIFICATION CALENDAR:

CLIENT ID: 60560
PLACE: TELANGANA, INDIA
CERTIFICATE NO: INCE/TL-60590/0323
INITIAL REGISTERED DATE: 15.03.2023
DATE OF EXPIRY: 14.03.2026
1st SURV. DUE: 14.03.2024
ISSUANCE DATE: 15.05.2023
2nd SURV. DUE: 14.05.2025
Authorised Signature
To check this certificate status visit: www.thesusltd.co.in

REVOLUTIONARY CERTIFICATIONS SERVICES
27, Old Gloucester Street, London, WC1N 3AX, United Kingdom. Email: info@rcs.cert

CE MARKING

PRODUCTS

FAQ'S

INFO CHATBOT

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HOSPEX - Medical Startup Award 2025
CPHI - Pharma Startup Award 2025

