

SLAMP®
THE LEADING LIGHT

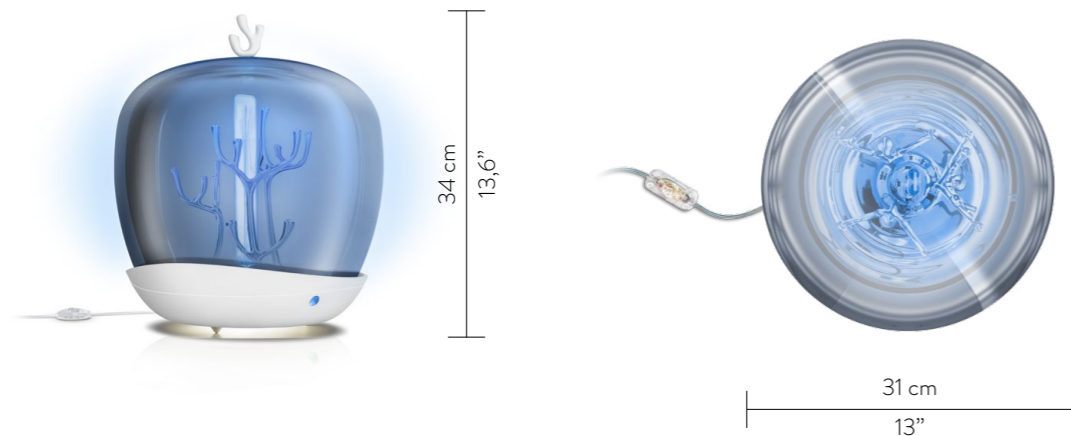
PURITYCAPSULE
DAS LICHT, DAS HYGIENISIERT

TECHNISCHES DATENBLATT



TECHNISCHE BESCHREIBUNG

- **ABMESSUNGEN: Ø31 X H 34 CM**
NETTOGEWICHT : 1,3 KG
- **KOSTENLOSE UV-C LAMPE**
UV-C (254 NM) TECHNOLOGY, 11W 2G7- 8.000 HYGIENE-ZYKLEN
- **DAUER EINES KOMPLETTEN HYGIENISIERUNGS-ZYKLUS:**
30 SEKUNDEN
- **PATENTIERTE, METALLISIERTE KUPPEL** AUS POLYCARBONAT, LÄSST DAS PHOTOBIOLOGISCHE RISIKO ENTFALLEN.
MIT SICHERHEITSSYSTEM (GEHT AUS BEIM HOCHHEBEN DER KUPPEL)
- **FUSS MIT AMBIENTE-LICHT: G9 LED-LEUCHTMITTEL**
5W – 30.000 STUNDEN AUTONOMIE



GRIFF

WEISS ODER SCHWARZ JE NACH DEM GEWÄHLTEN MODELL

KUPPEL

ÜBERZOGEN MIT EINEM SILBERNEN ANSTRICH BLOCKIERT SIE DAS AUSTRETEN DER UV-C STRAHLEN UND LÄSST PHOTOBIOLOGISCHE RISIKEN ENTFALLEN

LAMPE UV-C

TECHNOLOGIE UV-C (254 NM), 11W 2G7, DIE DIE GEGENSTÄNDE DESINFIZIERT
LEBENSDAUER DER LAMPE: 8.000 DESINFIZIATIONSZYKLEN

HALTERUNGEN FÜR GEGENSTÄNDE

IM INNEREN BEFINDEN SICH DIE AUFNAHMEN FÜR DIE GEGENSTÄNDE IN FORM VON SILBERN REFLEKTIERENDEN KORALLENARGENTO RIFLETTENTE

FUSS MIT HILFSLICHT

DER SOWOHL WEISS ALS AUCH SCHWARZ ERHÄLTICHE FUSS VERFÜGT ÜBER EIN HILFSLICHT AUF DER AUSSENSEITE, DAS UNABHÄNGIG VON DER DESINFIZIATIONSKAPSEL FÜR EINEN DEKORATIVEN EFFEKT AUF DER STELLFLÄCHE EINGESCHALTET WERDEN KANN
LAMPE: (G9 LED BIRNE 5W)

INFORMATIONEN:

SYNTHETISCHE BERICHTE WISSENSCHAFTLICHER PRÜFUNGEN, DIE VON DER UNIVERSITÄT SIENA DURCHGEFÜHRT WURDEN

WIRKSAMKEIT AUF SARS COV-2



UNIVERSITÀ
DI SIENA
1240

Department of Molecular and Developmental Medicine

Siena, 9/09/2020

Oggetto: Results on the disinfectant effectiveness of "Purity Capsule" on SARS CoV-2

In September 2020, under my supervision, was designed and conducted a study to verify the virucidal efficacy on SARS CoV-2 of the prototype of UV-C germicidal lamp "Purity Capsule" by Slamp S.p.A.

Steel plates, having the face exposed to a well-defined liquid contamination of SARS-CoV-2 virus were placed on the base of the "Purity Capsule". The experiment, repeated several times, systematically showed a viral inactivation equal to or greater than 99.999% after 60 seconds. The same experiment, at 30 seconds, produced a viral inactivation between 99.99 and 99.999%.

Further detailed information and analysis are contained in a technical report "Evaluation of the virucide activity on SARS CoV-2 of the "Purity Capsule" by SLAMP dated 9th September 2020" produced for Slamp S.P.A.

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WIRKSAMKEIT AUF BAKTERIEN



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Department of Molecular and Developmental Medicine

Siena, 26th August 2020

Subject: Summary of laboratory tests conducted on the UV-C "Purity Capsule" by Slamp

In July and August 2020, at the Laboratory of Environmental Hygiene of the Department of Molecular Medicine and Development, University of Siena, photonic and microbiological tests were conducted to demonstrate the effectiveness of the prototype of the UV-C germicidal lamp "Purity Capsule" of the company Slamp: S.p.A.

The experiments conducted show that in 1 minute the UV-C "Purity Capsule" inactivates on average the bacterial replication of 99.83% for *Staphylococcus aureus*, 99.95% for *Escherichia coli*, and 99.90% for *Salmonella typhimurium*. These results are obtained in conditions where UV-C radiation does not arrive directly. A higher efficacy is obtained with direct light exposure and/or longer times; also, reducing the times to 30 seconds, a minimum abatement of more than 99% was obtained by testing *Staphylococcus aureus* and *Escherichia coli*.

Further detailed information and analysis are contained in the technical report (Test on UV-C SLAMP "Purity Capsule" of August 31, 2020) produced for Slamp: S.p.A.

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SICHERE KUPPEL



UNIVERSITÀ
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Dipartimento di Medicina Molecolare e dello Sviluppo

Siena, 19/10/2020

Oggetto: radiazioni UV esterne al dispositivo UV-C "Purity Capsule" della Slamp

Nei mesi di Luglio ed Agosto 2020, presso il Laboratorio di Igiene Ambientale del Dipartimento di Medicina Molecolare e dello Sviluppo, dell'Università di Siena, sono stati condotti test fotonici e microbiologici per dimostrare l'efficacia del prototipo della lampada igienizzante e germicida UV-C "Purity Capsule" della ditta Slamp: S.p.A.

Gli esperimenti condotti dimostrano che la cupola della "Purity Capsule", quando verniciata internamente in maniera uniforme, con il prodotto M TOP 551 o il M TOP 114N, non lascia passare all'esterno radiazioni UV (100-400 nm).

Ulteriori dettagliate informazioni ed analisi sono contenute in un approfondito report tecnico (Test on UV-C SLAMP "Purity Capsule" del 31 agosto 2020) prodotto per la Slamp: S.p.A.

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