

UV SANI DISC CEILING FIXTURE



Technical Details:

❖ Model	: Sani Disc
❖ Input	: 220V
❖ Ampere	: 0.163A
❖ Frequency	: 50Hz
❖ Maximum area	: 36m ² (ceiling height >2,7m)
❖ Airflow (nominal figure)	: 140m ³ /hr.
❖ Dimensions	: 150mm x 600mm
❖ Enclosure	: Steel, powder coated
❖ Weight	: 2.2kg
❖ Source	: UVC, 254nm, germicidal
❖ Safety level	: <0.2μW/cm ² at occupant level

Below is a list of radiation doses required for 90% inactivation of various micro-organisms:

<u>Bacteria:</u>	(μW/cm ²)
Staphylococcus species:	1,800-2,600
Streptococcus species:	2,000-6,100
Shigella paradysenteriae:	1,680
Spirillum rubrum:	4,400
Pseudomonas species:	3,500-5,500
Escherichia Coli:	3,000
Mycobacterium Tuberculosis:	10

<u>Yeasts:</u>	
Saccharomyces Cerevisae:	33-100

Mould Spores:
Aspergillus Niger: 132,000
The Sani Disc Unit emits a UV-C intensity >10μW.s/cm² at a distance of 1,3m from the unit in a beam of concentric circles (as per International and South African Guidelines).

All Sani units incorporate Photo-catalalytic materials that enhance their efficiency.

Please note that UV Equip reserves the right to alter, amend or change all units without prior notice.

as per International Guidelines.

Broad Applications:

- **TB Isolation Wards**
- **General Medical use**
- **Intensive Care Units**
- **Medical Suites**
- **Microbiological Labs**
- **Post Harvest Storage**
- **Cheese, Meat and Wine Storage**

Note:

This unit has been tested and it's efficacy approved by Mycological Quality Control Consultancy. (Results on file.)