

# TITANCARE® QUEEN

ANTI-BACTERIAL/  
VIRAL LUMINAIRE

TitanCare® luminaires take advantage of our proprietary cutting edge antimicrobial and patented non-toxic Nano technology which has been approved and tested by worldwide renowned authorities such as FDA, Ofi, SGS, MICROBAC and by some famous hospitals and government institutions worldwide.



## Product Description

TitanCare® Queen is a highly functional LED light with anti-pathogenic and air purifying functions achieved through self-circulating fans and antimicrobial TitanCare TT® Nano coating.



Antimicrobial



Air purification



Selfcleaning

## Application Areas

The lamp is perfect suitable for general lighting applications in Clean Rooms, Doctor Ordinations, Educational Institutions, Hospitals, Laboratories, Nursing Homes, Offices, Rehabilitation Centers, Merchandising and Retail Facilities.

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## ANTI-BACTERIAL/ VIRAL LUMINAIRE



### Features & Benefits

- Built-in self-circulating fans continuously refreshing the air in the room
- Protects the indoor space from common pathogenic bacteria and viruses
- Effectively reduces TVOCs in the air, such as formaldehyde
- Provides smooth lighting without LED “dots”
- Superior performance and broad uniform light distribution
- No flash frequency
- Easy to install
- Over 1.500 water transfer printing designs available

### TitanCare® Material Information

TitanCare® Queen takes benefit of the worldwide patented TitanCare® TT Nano technology which is based on Titanium dioxide and Nano silver. The material has highly functionality under visible light and even without light. The material has efficiency against gram- and gram+ Germs incl. MRSA and MRGN up to 99,999% proven by worldwide renowned test laboratories and works against almost all bacteria's and viruses.

TitanCare® TT Anti-Bacterial / Anti-Viral / Fungus / TVOC / Formaldehyde results			
Enterovirus	>99,99%	Staphylococcus aureus	>99,99%
H1N1	>99,99%	Legionella pneumophila	>99,92%
Escherichia coli	>99,999%	Proteus mirabilis	>99,99%
Salmonella enterica	>99,99%	Formaldehyde	>99,9%
Aspergillus Niger ATCC 9642/ Penicillium Pinophilum ATCC 11797/Chaetomium ATCC 6205/ Gliocladium ATCC 9645/ Aureobasidium ATCC 15233	Grade 0	TVOC Reduction incl. Benzene, Toluene, Ethylene Benzene, Xylene, Carbon Dichloromethane; 1,2 & 1,4 Dichlorobenzene, Styrene, Tetrachloroethylene, Trichlorethylene	96,4% after 24 hr

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## Specifications

Product Code	TC-KIN/QUE-xxx
Input Voltage [VAC]	90-305
Input Power [W]*	18
Input Frequency [Hz]	50/60
Power Factor	> 0.9
CCT [K] **	3000 / 4000
Efficiency of LED chip [lm/W] *	120 / 125
Efficiency of LED panel with driver [lm/W] *	100 / 105
Efficiency of complete fixture [lm/W] *	80 / 85
CRI	80
Life L80 [h]	50000
IP Rating (general)	IP 20
Insulation Class	Class II
Operating temperature [°C]	0-40 °C
Certifications for different locations	CE / UL / CCC
Driver	Meanwell
Dimensions L/B/H [mm]	280 / 280 / 90
Weight [kg]	tba

\* The variation of lumen output and power consumption is +/- 10% based on the technology

\*\* Other CCT and efficiencies values on request

## Photometric Data

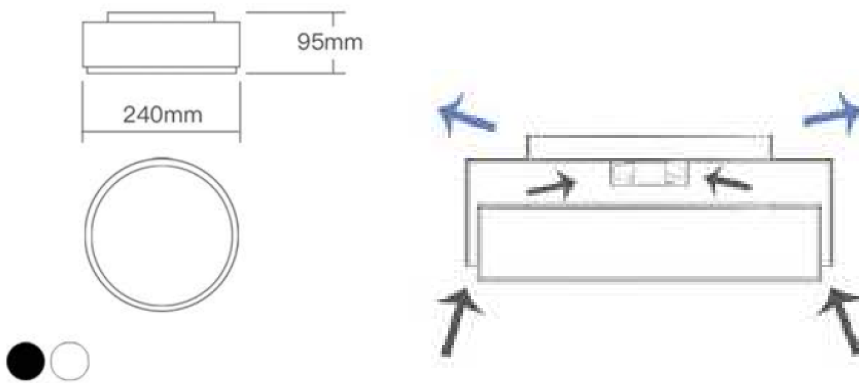
tba

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## Electrical connection (tba) and Technical Drawing



## Packaging

6pcs per box, 58\*30\*58cm, 13kg

## Disclaimer

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Spec 20181101