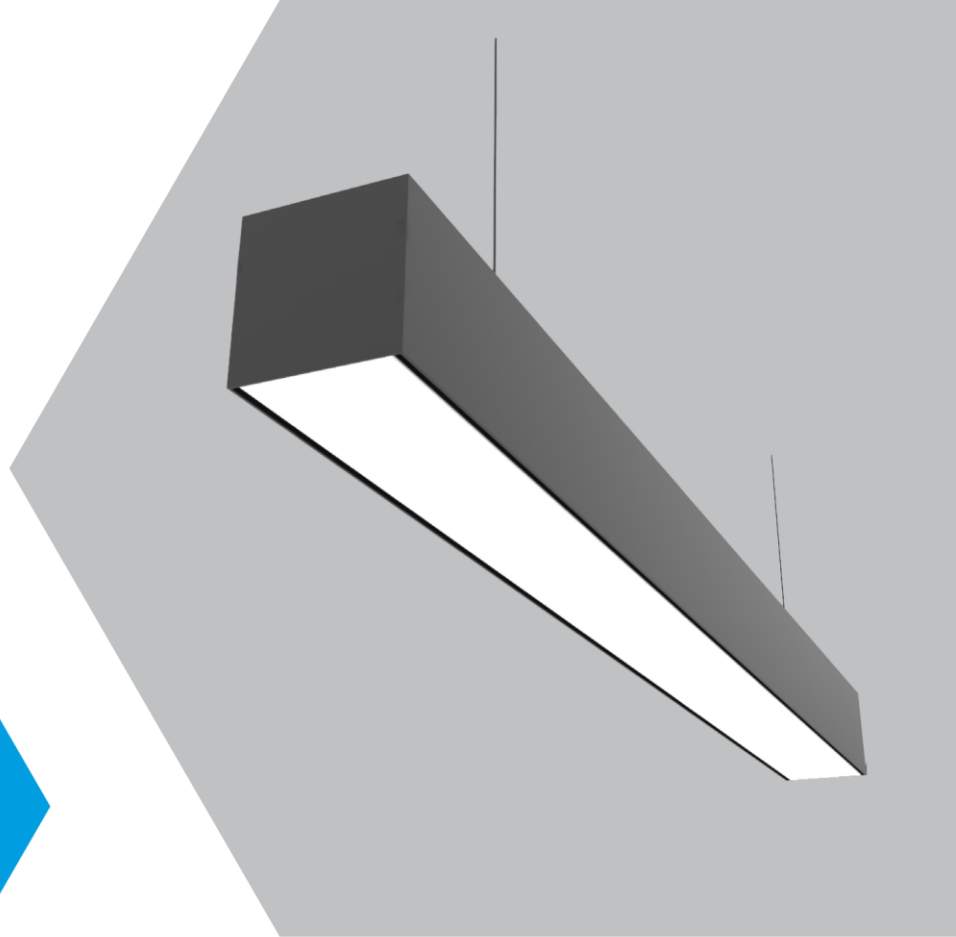


TITANCARE® LINE 1200

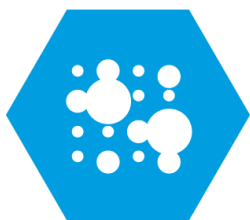
ANTI-BACTERIAL/
VIRAL LUMINAIRE

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

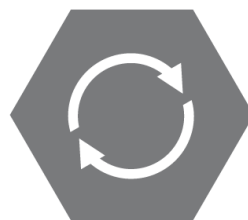
TitanCare® Line 1200 is a highly functional LED light with anti-pathogenic and air purifying functions achieved through self-circulating fans and antimicrobial TitanCare TT® Nano coating.



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.

TITANCARE® LINE 1200

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® Line 1200 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

TITANCARE[®] LINE 1200

ANTI-BACTERIAL/
VIRAL LUMINAIRE



Specifications

Product Code	TC-LIN-1200-xxx
Input Voltage [VAC]	90-305
Input Power [W]*	36
Input Frequency [Hz]	50/60
Power Factor	> 0.9
CCT [K]**	3000 / 4000 / 5000
Efficiency of LED chip [lm/W] *	120 / 125 / 130
Efficiency of LED panel with driver [lm/W] *	105 / 110 / 120
Efficiency of complete fixture [lm/W] *	85 / 90 / 95
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]	1200 / 86 / 100
Weight [kg]	tba

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

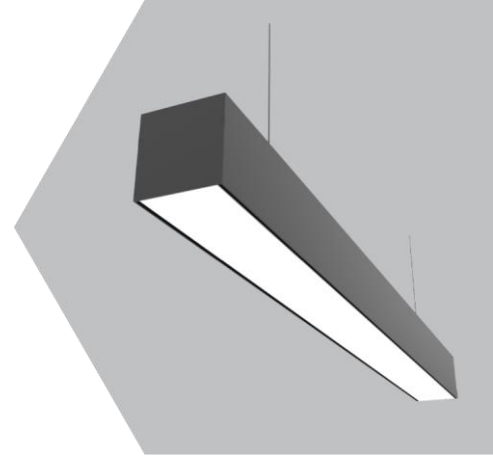
** Other CCT and efficiencies values on request

Photometric Data

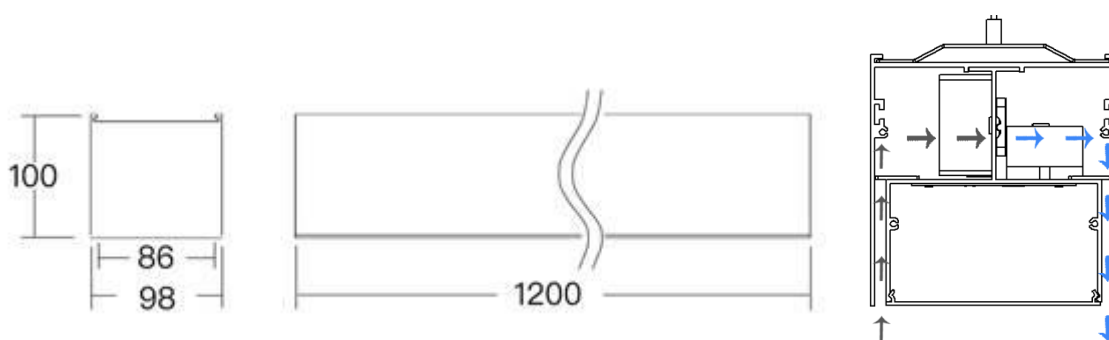
tba

TITANCARE® LINE 1200

ANTI-BACTERIAL/
VIRAL LUMINAIRE



Electrical Connection (tba) and Technical Drawing



Packaging

tba

Disclaimer

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Spec 20181101