

PRODUCT DATASHEET

UVC PANEL 600 RECIRCULATOR LED 4000K WT

UVC PANEL 600 | UVC recessed panel



Areas of application

- Medical clinics
- Offices, conference rooms
- Reception areas, foyers, corridors, elevators
- Hotels, shops
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm

Product benefits

- Kills viruses and bacteria
- Reduces risk of infections
- Constant air disinfection
- Harmless to human and animals
- Clean air delivery rate of 60m³
- High UVC dose - 57J/m²
- Failure module monitoring and signaling (fan, UV-C sources), operating time count for UV-C sources as well as replacement signalling

Product features

- Panel equipped with UVC for constant air disinfection
- Full photobiological safety against UV-C leakage - risk group RG0 according to EN 62471
- Built-in intelligent diagnostic module
- Top quality branded fans with low noise and service life in excess of 50 000 hours
- Long LED lifetime - 50.000hrs
- Long UV-C source lifetime of 10 800 hours
- Low glare - UGR<19
- Powder coated metal housing.
- Available accessories for surface mounted



TECHNICAL DATA

Electrical data

Nominal wattage	91.00 W
Nominal voltage	220...240 V
Inrush current	15.6 A
Inrush current time T_{h50}	224 μ s
Power factor λ	> 0,90
Max. no. of lum. on circuit break. B16 A	20
Max. no. of lum. on circuit break. C10 A	18
Max. no. of lum. on circuit break. C16 A	28
Total harmonic distortion	< 20 %

Photometrical data

Color temperature	4000 K
Light color (designation)	Cool White
Standard deviation of color matching	< 3 sdcm
Color rendering index Ra	> 80
UV radiated power	16.4 W

Light technical data

Beam angle	90 °
UGR lateral	< 19
UGR longitudinal	< 19

Dimensions & weight

Length	595.00 mm
Height	83.00 mm
Width	595.00 mm
Product weight	5300.000 g

Colors & materials

Body material	Steel
Product color	White
Housing color	White

Light emitting surface material	PMMA
Mercury content	6.0 mg

Temperatures & operating conditions

Ambient temperature range	+10...+40 °C
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Lifespan

Lifespan L70/B50 at 25 °C	50000 h
UV-C source lifetime	10800 h

Additional product data

Maximum disinfection volume flow	60 m³/h*
Average radiation dose	57 J/m
Equipped/equippable with	UVC T8 25W/G13 LEDVANCE

Capabilities

Dimmable	No
Type of connection	Push terminal
Noise level in UV-C disinfection mode	<45 dB
Number of tubes	2

Certificates & standards

Glow Wire Test according to IEC 69	650 °C
Protection class	I
Type of protection	IP20

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075634428	Shipping box 1	628 mm x 612 mm x 95 mm	5840.00 g	36.51 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

*Based on fan performance