

PRODUCT DATASHEET

Ceiling Fan Compact 480 49W White

Ceiling Fan Compact | LED Ceiling Fan Compact that combines light and ventilation



Areas of application

- Indoor
- Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

- Airflow suitable for 13-20 m²
- Set color temperature according to daytime and usage (dining, relaxing, social events...)
- Set light output from 0-100% for personal comfort
- Pleasant use during sleeping phase (low noise on low level speed)
- Aesthetic appearance of a ceiling luminaire
- Summer / winter mode

Product features

- Airflow: max 1900 m³/h
- Speed levels: 1 - 6 steps
- Timer: 2 h / 4 h
- Control unit: remote control
- Motor type: DC
- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Lumen source: 3000 lm
- Dimmable
- Type of protection: IP20

TECHNICAL DATA

Electrical data

Nominal wattage	49.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	230.000 mA
Max. number of luminaires per miniature circuit breaker B16	36
Max. number of luminaires per miniature circuit breaker C10	22
Max. number of luminaires per miniature circuit breaker C16	36
Power factor λ	≥ 0.90
Total harmonic distortion	$< 20 \%$
Protection class	II
Operating mode	Mains voltage

Photometrical data

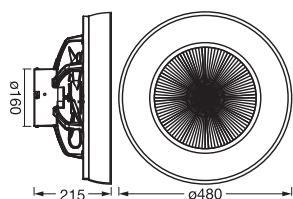
Luminous flux	1100 lm
Total luminous flux of contained light sources	3000 lm
Luminous efficacy	40 lm/W
Color temperature	2700...6500 K
Light color (designation)	Warm White / Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc _m
Flickering metric (Pst LM)	≤ 1.0
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

UV & Air cleaning

Suitable for room space up to	20 m ²
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Dimensions & Weight

Diameter	480.00 mm
Height	215.00 mm
Product weight	2700.00 g



CEILING FAN ENCAPSULATE 470
48W WT

Materials & Colors

Product color	White
Housing color	White
Body material	Polypropylene (PP)
Cover material	Polypropylene (PP)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Dimmable	Yes
Mounting type	Surface
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	15000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Available from June 2025
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EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included
- Safety rope

Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	CEILING FAN ENCAPSULATE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854497971	Folding box 1	263 mm x 533 mm x 536 mm	3506.00 g	75.14 dm ³
4099854497988	Shipping box 1	552 mm x 280 mm x 560 mm	4629.00 g	86.55 dm ³

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.