PRODUCT DATASHEET
Ceiling Fan Grill Square 55W CCT White

Ceiling fan grill | LED Ceiling Fan Grill 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
– 5 years guarantee

Product features

– Airflow: max 700 m³/h
– Speed levels: 1 - 6 steps
– Timer: 1 h / 2 h / 4 h
– Control unit: remote control
– Motor type: DC
– Adjustable color temperature via Tunable White: 3,000…6,500 K

– Lumen source: 4200 lm
– Dimmable
– Type of protection: IP20

TECHNICAL DATA

Electrical data

Nominal wattage	55.00 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	320
Max. number of luminaires per miniature circuit breaker C16	320
Power factor λ	> 0.90
Total harmonic distortion	< 70 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

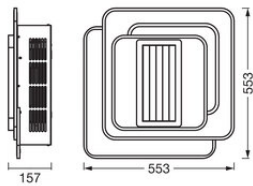|	
Luminous flux	3100 lm
Total luminous flux of contained light sources	4200 lm
Luminous efficacy	86 lm/W
Color temperature	3000…6500 K
Reference control setting of contained light source (Kelvin)	3000 K
Light color (designation)	Warm White / Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	175.00 °

UV & Air cleaning

Air circulation	700
Suitable for room space up to	20 m^2

Dimensions & Weight

Length	553.00 mm
Width	553.00 mm
Height	157.00 mm

Product weight	6800.00 g

CEILING FAN GRILL SQUARE CCT
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Materials & Colors

Product color	White
Housing color	White
Body material	Steel|Plastic
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Mounting type	Surface
Mounting location	Ceiling
Mounting length	533,00 mm
Mounting width	553 mm
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

Certificates & Standards

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

Additional product data

Product remark	Available from March 2025

EQUIPMENT / ACCESSORIES

– Mounting screws and dowels included
– Safety rope
– Requires 2xAAA batteries (not included)

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
PDF	User instruction / safety instructions	Ceiling Fan Grill
PDF	Declarations of conformity	CEILING FAN GRILL
PDF	Declarations of conformity UKCA	CEILING FAN GRILL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854397677	Folding box 1	630 mm x 630 mm x 214 mm	8528.00 g	84.94 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854397684	Shipping box 1	648 mm x 232 mm x 648 mm	9748.00 g	97.42 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.