

## 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 m<sup>2</sup>
- 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 m<sup>3</sup>/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

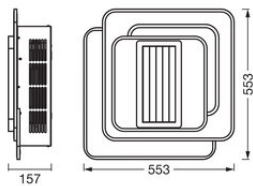
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 55.00 W       |
| Nominal voltage                                             | 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 $\lambda$                                      | > 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              |
| Light color (designation)                      | Warm White / Cool Daylight |
| Color rendering index Ra                       | > 80                       |
| Standard deviation of color matching           | < 6 sdcm                   |
| Photobiological safety group acc. to EN62778   | RG0                        |
| Photobiological safety group acc. to EN62471   | RG0                        |
| Beam angle                                     | 175.00 °                   |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 553.00 mm |
| Width          | 553.00 mm |
| Height         | 157.00 mm |
| Product weight | 6800.00 g |



CEILING FAN GRILL SQUARE CCT  
WT

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 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 <sup>1)</sup> |
| 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              |
| Ball shot safe                                       | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

## 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           |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------|
|  | User instruction / safety instructions | CEILING FAN GRILL       |
|  | Legal information                      | Safety insert G11219301 |
|  | Declarations of conformity             | CEILING FAN GRILL       |
|  | Declarations of conformity UKCA        | CEILING FAN GRILL       |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854445613 | Folding box<br>1             | 630 mm x 630 mm x 214 mm             | 8528.00 g    | 84.94 dm <sup>3</sup> |
| 4099854445620 | Shipping box<br>1            | 648 mm x 232 mm x 648 mm             | 9748.00 g    | 97.42 dm <sup>3</sup> |

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.

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## DISCLAIMER

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