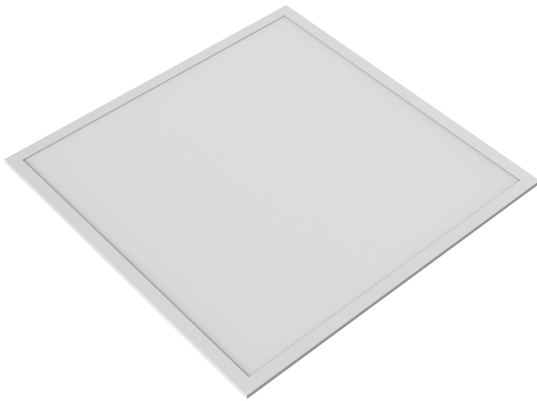


# PRODUCT DATASHEET

## Essential Panel UGR $\leq$ 19 600x600mm 40W

### CCT White

Essential Panel CCT UGR $\leq$ 19 | Essential Panel Ceilings for easy use



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#### Areas of application

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

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#### Product benefits

- Good glare reduction (UGR  $\leq$  19)
- Long lifetime thanks to LED technology
- Excellent price/performance ratio
- Highly versatile due to selectable CCT (Multi Color) on the driver
- 2 in 1 Design: recessed mounting or surface mounting with add-on kit
- Easy mounting thanks to included steel hooks on the back

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#### Product features

- LED ceiling luminaires with aluminum frame
- Lifetime up to 30,000 h
- TRI CCT (3000K/4000K/6500K)
- Type of protection: IP20

## TECHNICAL DATA

## Electrical data

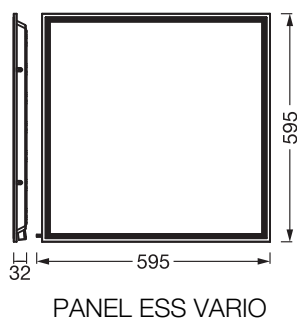
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 40.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 180.000 mA    |
| Inrush current                                              | 0.215 A       |
| Inrush current time $T_{h50}$                               | 420 $\mu$ s   |
| Max. number of luminaires per miniature circuit breaker B16 | 18            |
| Max. number of luminaires per miniature circuit breaker C10 | 19            |
| Max. number of luminaires per miniature circuit breaker C16 | 30            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | < 20 %        |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

## Photometrical data

|                                                              |                                         |
|--------------------------------------------------------------|-----------------------------------------|
| Luminous flux                                                | 3600 lm                                 |
| Total luminous flux of contained light sources               | 4800                                    |
| Luminous efficacy                                            | 90 lm/W                                 |
| Color temperature                                            | 3000...4000...6500 K                    |
| Reference control setting of contained light source (Kelvin) | 3000 K                                  |
| Light color (designation)                                    | Warm White / Cool White / Cool Daylight |
| Color rendering index Ra                                     | > 80                                    |
| Standard deviation of color matching                         | 6 sdcn                                  |
| Flickering metric (Pst LM)                                   | <1                                      |
| Stroboscope effect metric (SVM)                              | <0.4                                    |
| Photobiological safety group acc. to EN62778                 | RG1                                     |
| Beam angle                                                   | 110 °                                   |
| UGR                                                          | < 19                                    |

## Dimensions &amp; Weight

|                |           |
|----------------|-----------|
| Length         | 595.00 mm |
| Width          | 595.00 mm |
| Height         | 32.00 mm  |
| Product weight | 1565.00 g |



Materials & Colors

|                                            |                  |
|--------------------------------------------|------------------|
| Product color                              | White            |
| Housing color                              | White            |
| Body material                              | Aluminum         |
| Cover material                             | Polystyrene (PS) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C           |

Application & Mounting

|                                        |                  |
|----------------------------------------|------------------|
| Ambient temperature range              | -20...45 °C      |
| Temperature range at storage           | -20...+80 °C     |
| Type of connection                     | Terminal, 3-pole |
| Type of protection                     | IP20             |
| Protection class IK (shock resistance) | IK02             |
| Dimmable                               | No               |
| Mounting type                          | Surface/Recessed |
| Mounting length                        | 595 mm           |
| Mounting width                         | 595 mm           |
| Mounting depth                         | 50 mm            |
| With light source                      | Yes              |
| Replaceable light source               | No               |

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 |

## Additional product data

|                |                               |
|----------------|-------------------------------|
| Product remark | Available from September 2025 |
|----------------|-------------------------------|

## 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.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

## DOWNLOAD DATA

| Documents and certificates                                                        |                                        | Document name                                  |
|-----------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------|
|   | User instruction / safety instructions | Panel Essential CCT                            |
|   | Declarations of conformity             | CE Declaration of Conformity Panel Essential   |
|  | Declarations of conformity UKCA        | UKCA Declaration of Conformity Panel Essential |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854649370 | Folding box<br>1             | 40 mm x 612 mm x 614 mm              | 1923.00 g    | 15.03 dm <sup>3</sup> |
| 4099854649387 | Shipping box<br>4            | 630 mm x 180 mm x 640 mm             | 8980.00 g    | 72.58 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.

## DISCLAIMER

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