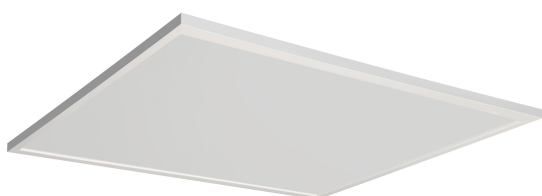


# PRODUCT DATASHEET

## Planon Plus 600x600mm 40W 840 White

PLANON™ Plus | Slim panel luminaires for surface mounting



---

### Areas of application

- For indoor use only
- Decorative domestic lighting
- Ceilings

---

### Product benefits

- Very homogenous light
- Quick and simple installation by one person

---

### Product features

- Ceiling luminaire with advanced LED technology
- Available in square and rectangular form
- Color temperature: 3,000 K (Warm White) or 4,000 K (Neutral White)



---

## TECHNICAL DATA

### Electrical data

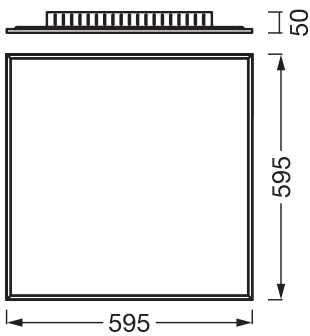
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 36.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 200.000 mA    |
| Inrush current                                              | 0.2 A         |
| Inrush current time $T_{h50}$                               | 380 $\mu$ s   |
| Max. number of luminaires per miniature circuit breaker B16 | 23            |
| Max. number of luminaires per miniature circuit breaker C10 | 23            |
| Max. number of luminaires per miniature circuit breaker C16 | 36            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | < 20 %        |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |                           |
|------------------------------------------------|---------------------------|
| Luminous flux                                  | 3100 lm                   |
| Total luminous flux of contained light sources | 4400 lm                   |
| Luminous efficacy                              | 78 lm/W                   |
| Color temperature                              | 4000 K                    |
| Light color (designation)                      | Cool White                |
| Color rendering index Ra                       | > 80                      |
| Standard deviation of color matching           | $\leq 6$ sdc <sub>m</sub> |
| Flickering metric (Pst LM)                     | < 1                       |
| Stroboscope effect metric (SVM)                | < 0.4                     |
| Photobiological safety group acc. to EN62778   | RG1                       |
| Beam angle                                     | 120 °                     |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 595.00 mm |
| Width          | 595.00 mm |
| Height         | 50.00 mm  |
| Product weight | 2800.00 g |



PLANON PLUS 60X60 36W 830

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...+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) | IK02                    |
| Dimmable                               | No                      |
| Mounting type                          | Surface                 |
| Mounting location                      | Ceiling                 |
| Application environment                | Indoor                  |
| With light source                      | Yes                     |
| Replaceable light source               | No                      |

Lifespan

|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 25000 h <sup>1)</sup> |
|---------------------------|-----------------------|

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

## Certificates & Standards

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

## EQUIPMENT / ACCESSORIES

- Pre-assembled mounting kit, screws and dowels included

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name               |
|------------------------------------------------------------------------------------|----------------------------------------|-----------------------------|
|   | User instruction / safety instructions | PLANON PLUS 600X600 40W 830 |
|  | Declarations of conformity             | DECOR LUM PLANON            |
|  | Declarations of conformity UKCA        | DECOR LUM PLANON            |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854291203 | Folding box<br>1             | 57 mm x 602 mm x 605 mm              | 3277.00 g    | 20.76 dm <sup>3</sup> |
| 4099854291210 | Shipping box<br>3            | 615 mm x 185 mm x 628 mm             | 10870.00 g   | 71.45 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.