

# PRODUCT DATASHEET

## Planon Plus 1200x300mm 36W 4000K

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



## TECHNICAL DATA

### Electrical data

|                           |                     |
|---------------------------|---------------------|
| Nominal wattage           | 36.00 W             |
| Nominal voltage           | 220...240 V         |
| Mains frequency           | 50...60 Hz          |
| Inrush current            | 23.04 A             |
| Power factor $\lambda$    | > 0.90              |
| Total harmonic distortion | < 20 %              |
| Protection class          | I                   |
| Operating mode            | External LED driver |

### Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 2800 lm    |
| Total luminous flux of contained light sources | 4100 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           | < 6 sdcn   |
| Photobiological safety group acc. to EN62778   | RG1        |
| Photobiological safety group acc. to EN62471   | RG0        |
| Beam angle                                     | 110 °      |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1200.00 mm |
| Width          | 300.00 mm  |
| Height         | 56.00 mm   |
| Product weight | 3150.00 g  |

### Materials & Colors

|               |       |
|---------------|-------|
| Product color | White |
|---------------|-------|

|                 |                    |
|-----------------|--------------------|
| Housing color   | White              |
| Body material   | Aluminum           |
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

### Application & Mounting

|                                        |                 |
|----------------------------------------|-----------------|
| Ambient temperature range              | -20...+40 °C    |
| Temperature range at storage           | -20...+80 °C    |
| Type of connection                     | Screw terminal  |
| Type of protection                     | IP20            |
| Protection class IK (shock resistance) | IK03            |
| Dimmable                               | No              |
| Mounting type                          | Surface         |
| Mounting location                      | Ceiling         |
| Application environment                | Indoor          |
| LED module replaceable                 | Not replaceable |
| With light source                      | Yes             |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 15000                 |

<sup>1)</sup> 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 light operation          | Non-maintained |
| Luminous flux in maintained operation mode | -              |
| Luminous flux in emergency operation mode  | -              |

### Certificates & Standards

|                                                      |           |
|------------------------------------------------------|-----------|
| Standards                                            | CE / UKCA |
| Luminaire with limited surface temperature, "D sign" | No        |

### EQUIPMENT / ACCESSORIES

– Pre-assembled mounting kit, screws and dowels included

### DOWNLOAD DATA

| Documents and certificates                                                        |                                 |
|-----------------------------------------------------------------------------------|---------------------------------|
|  | User instruction                |
|  | Declarations Of Conformity CE   |
|  | Declarations Of Conformity UKCA |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075601352 | Folding box<br>1             | 76 mm x 1,228 mm x 326 mm            | 3713.00 g    | 30.42 dm <sup>3</sup>  |
| 4058075601369 | Shipping box<br>3            | 1,277 mm x 281 mm x 385 mm           | 12627.00 g   | 138.15 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.