

# PRODUCT DATASHEET

## SUN@Home Planon Plus 300x300mm

SUN@HOME PANELS | Panel luminaires with Human Centric Lighting Technology



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### Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

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### Product benefits

- Enable increased concentration and efficiency
- Improve overall activity level and daytime alertness
- Improve sleeping rhythm and –intensity
- Improve optic convenience
- Enables an improved level of clean-air-safety by killing residential germs and bad odors
- Homogenous light distribution
- Easy and quick installation

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### Product features

- Adjustable color temperature via Tunable White: 2,200...5,000 K
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Dimmable
- Innovative Fullspectrum SunLike LEDs with CRI95
- SunLike LEDs with reduced Blue Light in LED Spectrum



- Innovative luminaire coating-technology fighting household germs and odors
- Automated biorhythm feature

## TECHNICAL DATA

### Electrical data

|                        |               |
|------------------------|---------------|
| Nominal wattage        | 20.00 W       |
| Nominal voltage        | 220...240 V   |
| Mains frequency        | 50...60 Hz    |
| Inrush current         | 3 A           |
| Power factor $\lambda$ | $\geq 0.5$    |
| Protection class       | II            |
| Operating mode         | Mains voltage |

### Photometrical data

|                                                              |               |
|--------------------------------------------------------------|---------------|
| Luminous flux                                                | 1200 lm       |
| Total luminous flux of contained light sources               | 1800 lm       |
| Luminous efficacy                                            | 90 lm/W       |
| Color temperature                                            | 2200...5000 K |
| Reference control setting of contained light source (Kelvin) | 2700 K        |
| Light color (designation)                                    | Tunable White |
| Color rendering index Ra                                     | > 95          |
| Standard deviation of color matching                         | < 6 sdcn      |
| Flickering metric (Pst LM)                                   | $\leq 1 \%$   |
| Photobiological safety group acc. to EN62778                 | RG0           |
| Photobiological safety group acc. to EN62471                 | RG0           |
| Beam angle                                                   | 110 °         |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 300.00 mm |
| Width          | 300.00 mm |
| Height         | 56.00 mm  |
| Product weight | 1200.00 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                     | Terminal        |
| Type of protection                     | IP20            |
| Protection class IK (shock resistance) | IK03            |
| Dimmable                               | Yes             |
| Type of dimming                        | WiFi            |
| 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  | 30000 h |
| Number of switching cycles | 15000   |

### Emergency lighting

|                                            |                |
|--------------------------------------------|----------------|
| Type of emergency light operation          | Non-maintained |
| Type of emergency operation test           | None           |
| 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

- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

- Complete mounting and connecting accessories included

## DOWNLOAD DATA

| Documents and certificates                                                       |                                 |
|----------------------------------------------------------------------------------|---------------------------------|
|  | User instruction                |
|  | Packaging insert                |
|  | Declarations Of Conformity CE   |
|  | Declarations Of Conformity UKCA |
| CAD/BIM files                                                                    |                                 |
|  | BIM_Step_3D                     |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075576070 | Folding box<br>1             | 83 mm x 368 mm x 372 mm              | 1351.00 g    | 11.36 dm <sup>3</sup> |
| 4058075576087 | Shipping box<br>5            | 427 mm x 387 mm x 395 mm             | 7760.00 g    | 65.27 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.

## References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

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