

# PRODUCT DATASHEET

## SMART+ Wifi Planon Plus Hole Backlight

### 450x450mm RGB + TW

SMART+ Planon Plus Backlight with WiFi technology | Smart panel with main and backlight with wifi technology TW RGB and dimmable



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#### Areas of application

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

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#### Product benefits

- Easy and quick installation
- Main light and back light
- Both light are independent
- TW and RGB

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#### Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 10.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Dimmable
- Network protocol: WiFi
- Adjustable color temperature via Tunable White: 3,000...6,500 K



## TECHNICAL DATA

### Electrical data

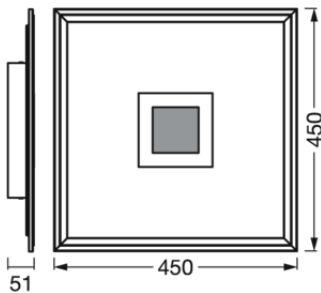
|                                          |             |
|------------------------------------------|-------------|
| Nominal wattage                          | 24.00 W     |
| Nominal voltage                          | 220...240 V |
| Mains frequency                          | 50...60 Hz  |
| Nominal current                          | 100.000 mA  |
| Inrush current                           | 16.1 A      |
| Inrush current time $T_{h50}$            | 125 $\mu$ s |
| Max. no. of lum. on circuit break. B16 A | 37          |
| Max. no. of lum. on circuit break. C16 A | 47          |
| Power factor $\lambda$                   | > 0.70      |
| Total harmonic distortion                | < 30 %      |
| Protection class                         | II          |

### Photometrical data

|                                                |                     |
|------------------------------------------------|---------------------|
| Luminous flux                                  | 1550 lm             |
| Total luminous flux of contained light sources | 2500 lm             |
| Luminous efficacy                              | 64 lm/W             |
| Color temperature                              | 2700...6500 K       |
| Light color (designation)                      | Tunable White / RGB |
| 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   | RG0                 |
| Photobiological safety group acc. to EN62471   | RG0                 |
| Beam angle                                     | 120 °               |
| UGR                                            | < 25                |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 450.00 mm |
| Width          | 450.00 mm |
| Height         | 51.00 mm  |
| Product weight | 2100.00 g |



Materials & Colors

|                                            |        |
|--------------------------------------------|--------|
| Product color                              | White  |
| Housing color                              | White  |
| Body material                              | Metal  |
| 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                    |
| 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 | 25000   |

Certificates & Standards

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

### Additional product data

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Product remark | Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times. |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|

### EQUIPMENT / ACCESSORIES

- Mounting bracket included
- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART + WiFi App, a smart phone or Tablet PC is required
- Batteries required for remote control: 2xAAA (not included)
- Remote control included

### DOWNLOAD DATA

| Documents and certificates                                                         |                               |
|------------------------------------------------------------------------------------|-------------------------------|
|    | User instruction              |
|    | Installation guide            |
|  | Declarations Of Conformity CE |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075752665 | Folding box<br>1             | 72 mm x 497 mm x 487 mm              | 2361.00 g    | 17.43 dm <sup>3</sup> |
| 4058075752672 | Shipping box<br>2            | 522 mm x 162 mm x 517 mm             | 5348.00 g    | 43.72 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.