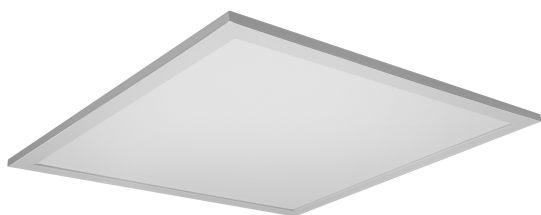


PRODUCT DATASHEET

SMART+ Wifi Planon Plus Backlight

450x450mm RGB + TW + RC

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



Areas of application

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

Product benefits

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

Product features

- 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
- Network protocol: WiFi
- Adjustable color temperature via Tunable White: 3,000...6,500 K



TECHNICAL DATA

Electrical data

| | |
|---------------------------|---------------------|
| Nominal wattage | 28.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 150.000 mA |
| Inrush current | 20 A |
| Power factor λ | ≥ 0.90 |
| Total harmonic distortion | $< 20 \%$ |
| Protection class | II |
| Operating mode | External LED driver |

Photometrical data

| | |
|--|----------------------|
| Luminous flux | 2000 lm |
| Total luminous flux of contained light sources | 2900 lm |
| Luminous efficacy | 80 lm/W |
| Color temperature | 3000...6500 K |
| Reference control setting of contained light source (Kelvin) | 3000 K ¹⁾ |
| Light color (designation) | RGBTW |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | $< 6 \text{ sdc}$ |
| Flickering metric (Pst LM) | ≤ 1 |
| Stroboscope effect metric (SVM) | < 0.9 |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 110 ° |

1) Performing a reset will restore the default values set by the manufacturer

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 450.00 mm |
| Width | 450.00 mm |
| Height | 56.00 mm |
| Product weight | 2070.00 g |

SMART WIFI PLAN PLUS BL 45X45
REM RGBTW

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 |
| Dimmable | Yes |
| Type of dimming | WiFi |
| Mounting type | Surface |
| Mounting location | Ceiling |
| Application environment | Indoor |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 25000 h |
| Number of switching cycles | 15000 |

BATTERY

| | |
|----------------------------|----------|
| Type of Battery | Alkaline |
| Battery size [GMS] | AAA |
| Nominal voltage of battery | 1,5 V |

Emergency lighting

| | |
|----------------------------------|------|
| Type of emergency operation test | None |
| Integrated test switch | No |

Certificates & Standards

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

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+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Batteries required for remote control: 2xAAA (not included)
- Remote control 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.
- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

DOWNLOAD DATA

| | Documents and certificates | Document name |
|--|--|-------------------------------------|
|  | User instruction / safety instructions | SMART+ PLANON PLUS |
|  | Legal information | Legal insert residential luminaires |
|  | Declarations of conformity | SMART WIFI PLANON PLUS BACKLIGHT |
|  | Declarations of conformity UKCA | SMART WIFI AND SUNATHOME |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075650152 | Folding box 1 | 518 mm x 83 mm x 524 mm | 2525.00 g | 22.53 dm ³ |
| 4058075650169 | Shipping box 4 | 537 mm x 347 mm x 560 mm | 11348.00 g | 104.35 dm ³ |

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

DISCLAIMER

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