

PRODUCT DATASHEET

SMART + WIFI PLANON 450

SMART+ TUNABLE WHITE | Frameless panel luminaires with WiFi technology



Areas of application

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

Product benefits

- Easy and quick installation

Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android 4.4 or iOS 9.0)
- Dimmable
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Network protocol: WiFi



TECHNICAL DATA

Electrical data

Nominal wattage	28.00 W
Nominal voltage	220...240 V
Nominal current	137.5 mA
Mains frequency	50...60 Hz
Power factor λ	> 0.90
Operating mode	Mains voltage

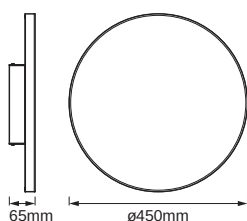
Photometrical data

Light color (designation)	Tunable White
Standard deviation of color matching	< 6 sdc _m
Nominal luminous flux	2700 lm
Luminous flux	2700 lm
Luminous efficacy	96 lm/W
Color temperature	3000...6500 K
Color rendering index Ra	> 80

Light technical data

Beam angle	110 °
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Dimensions & Weight



Product weight	2550.00 g
Diameter	450.00 mm
Width	450.00 mm
Height	65.00 mm

Lifespan

Number of switching cycles	15000
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Colors & materials

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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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.
Mounting location	Ceiling

Capabilities

Dimmable	Yes
Type of connection	Terminal, 2-Pole (L, N)
Compatible smart home technology	Google Assistant / Amazon Alexa
LED module replaceable	Not replaceable

Certificates & Standards

Standards	CE / EAC / REACH / RoHS
Protection class	II
Type of protection	IP20

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

DOWNLOAD DATA

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User instruction
SMART+ PLANON FRAMELESS



Declarations of conformity
SMART WIFI PLANON FRAMELESS RD45 TWLEDV

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075484719	Folding box 1	482 mm x 85 mm x 484 mm	2868.00 g	19.83 dm ³
4058075484726	Shipping box 5	488 mm x 435 mm x 494 mm	15862.00 g	104.87 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.

DISCLAIMER

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