PRODUCT DATASHEET
SMART + WIFI PLANON 450X450

SMART+ Planon Frameless TW | 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 sdcm
Nominal luminous flux	2300 lm
Luminous flux	2300 lm
Luminous efficacy	82 lm/W
Color temperature	3000...6500 K
Color rendering index Ra	> 80

Light technical data

Beam angle	110 °

Dimensions & Weight

Product weight	2770.00 g
Length	450.00 mm
Width	450.00 mm
Height	62.00 mm

Lifespan

Number of switching cycles	15000
Lifespan	25000 h

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

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

	DOWNLOAD DATA
PDF	User instruction
PDF	Declarations of conformity

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075484375	Folding box 1	485 mm x 95 mm x 487 mm	3093.00 g	22.44 dm³
4058075484382	Shipping box 4	502 mm x 399 mm x 512 mm	1367.00 g	102.55 dm³

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.