PRODUCT DATASHEET
SMART+ Wifi Planon Frameless Sparkle 450x450mm TW

SMART+ Planon Frameless Sparkle | Panel frameless Sparkle effect luminaires with WiFi technology

Areas of application

– Kitchens, living rooms, children's rooms or home offices
– Entrance areas

Product benefits

– Creating individual light scenes according to your needs with cold white to warm white (3000 K to 6500 K)
– Elegant design
– Frameless panel luminaire
– Sparkle effect that creates a sky night effect
– Easy and quick installation

Product features

– Ceiling luminaire with advanced LED technology
– Adjustable color temperature via Tunable White: 3,000…6,500 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
– Sparkle effect

TECHNICAL DATA

Electrical data

Nominal wattage	24.50 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	135.000 mA
Inrush current time T_{h50}	1900 µs
Max. number of luminaires per miniature circuit breaker B16	29
Max. number of luminaires per miniature circuit breaker C16	49
Power factor λ	≥0.7
Total harmonic distortion	< 20 %
Protection class	I

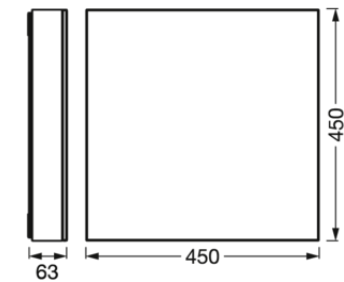### Photometrical data

Luminous flux	1300 lm
Total luminous flux of contained light sources	2250 lm
Luminous efficacy	53 lm/W
Color temperature	3000…6500 K
Reference control setting of contained light source (Kelvin)	3000 K [1]
Light color (designation)	Tunable White
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1

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

Dimensions & Weight

Length	450.00 mm
Width	450.00 mm
Height	63.00 mm
Product weight	1860.00 g

SMART WIFI PLANONFL SPARK

Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Application environment	Indoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	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.
Number of illuminants	empty

EQUIPMENT / ACCESSORIES

– 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

Safety advice

– All electrical connections must be made by a qualified person.
– Caution, risk of electric shock.
– Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
– Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI_SMART WIFI PLANONFL SPARK
PDF	Extended installation guide	SMART+ WIFI INSTALLATION GUIDE
PDF	Declarations of conformity	SMART WIFI
PDF	EU Data Act	SMART WiFi Lamps and Luminaires

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075759541	Folding box 1	82 mm x 502 mm x 503 mm	2473.00 g	20.71 dm^3
4058075759558	Shipping box 4	525 mm x 347 mm x 528 mm	10903.00 g	96.19 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.