

# PRODUCT DATASHEET

## Planon Plus 1200x300mm 36W 3000K

PLANON™ Plus | Slim panel luminaires for surface mounting

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### Areas of application

- For indoor use only
- Decorative domestic lighting
- Ceilings



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### Product benefits

- Very homogenous light
- Quick and simple installation by one person

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### Product features

- Ceiling luminaire with advanced LED technology



## TECHNICAL DATA

### Electrical data

Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Inrush current	23.04 A
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	External LED driver

### Photometrical data

Luminous flux	2800 lm
Total luminous flux of contained light sources	4100 lm
Luminous efficacy	83 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

### Dimensions & Weight

Length	1200.00 mm
Width	300.00 mm
Height	56.00 mm
Product weight	3150.00 g

PLANON PLUS 120X30 36W

### Materials & Colors

Product color	White
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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
Protection class IK (shock resistance)	IK03
Dimmable	No
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	25000 h <sup>1)</sup>
Number of switching cycles	15000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Emergency lighting

Type of emergency light operation	Non-maintained
Luminous flux in maintained operation mode	-
Luminous flux in emergency operation mode	-




### Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No

### EQUIPMENT / ACCESSORIES

– Pre-assembled mounting kit, screws and dowels included

### DOWNLOAD DATA

Documents and certificates	Document name
 User Instruction	PLANON PLUS 120x30 30x60 60x60
 Declarations of conformity	PLANON PLUS 120X30 36W 830
 Declarations Of Conformity UKCA	Fixed LUM

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075601338	Folding box 1	76 mm x 1,228 mm x 326 mm	3713.00 g	30.42 dm <sup>3</sup>
4058075601345	Shipping box 3	1,277 mm x 281 mm x 385 mm	12627.00 g	138.15 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.