

# PRODUCT DATASHEET

## Planon Frameless Round 450mm 28W 3000K

PLANON™ Frameless | Frameless panel luminaires for wall and ceiling mounting



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### Areas of application

- Indoor applications
- Decorative domestic lighting
- Wall and ceiling surface mounting

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### Product benefits

- Homogenous light distribution
- Easy and quick installation

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### Product features

- Ceiling luminaire with advanced LED technology
- Available in square and rectangular form
- Color temperature: 3,000 K
- Aluminum housing, frosted PMMA diffuser



TECHNICAL DATA

Electrical data

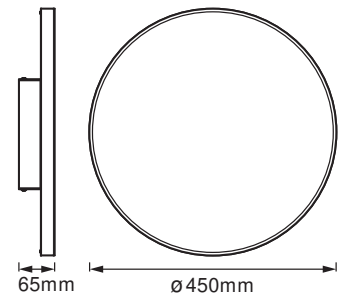
Nominal wattage	28.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Power factor $\lambda$	> 0.90
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	2700 lm
Total luminous flux of contained light sources	3500 lm
Luminous efficacy	75 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>
Beam angle	110 °

Dimensions & Weight

Diameter	450.00 mm
Height	65.00 mm
Product weight	2540.00 g



PLANON FRAMELESS RD 450  
28W 830

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Screwless terminal
Type of protection	IP20
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes
Replaceable light source	No

### 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)




### Certificates & Standards

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

### 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.

### DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	UI PLANON FRAMELESS ROUND
	Declarations of conformity	PLANON FRAMELESS
	Declarations of conformity UKCA	Fixed LUM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075470736	Folding box 1	482 mm x 85 mm x 484 mm	2858.00 g	19.83 dm³
4058075470743	Shipping box 5	488 mm x 435 mm x 494 mm	15812.00 g	104.87 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.