

PRODUCT DATASHEET

Planon Frameless 1200x100mm 35W 3000K

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

Areas of application

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



Product benefits

- Homogenous light distribution
- Easy and quick installation

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 | 35.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 153.000 mA |
| Power factor λ | > 0.90 |
| Protection class | II |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|---------------------|
| Luminous flux | 2500 lm |
| Total luminous flux of contained light sources | 4100 lm |
| Luminous efficacy | 70 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | 80 |
| Standard deviation of color matching | ≤6 sdc _m |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 110 ° |

Dimensions & Weight

| | |
|----------------|------------|
| Length | 1200.00 mm |
| Width | 100.00 mm |
| Height | 63.00 mm |
| Product weight | 2270.00 g |

PLANON FRAMELESS 1200X100
35W 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 |
| Temperature range at storage | -20...+80 °C |
| Type of connection | Screwless terminal |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK03 |
| 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 ¹⁾ |
| Number of switching cycles | 15000 |

¹⁾ 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 / 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 | PLANON FRAMELESS |
|  | Declarations of conformity | PLANON FRAMELESS |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075470699 | Folding box 1 | 95 mm x 1,237 mm x 135 mm | 2568.00 g | 15.86 dm ³ |
| 4058075470705 | Shipping box 6 | 1,254 mm x 304 mm x 305 mm | 16904.00 g | 116.27 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.