

PRODUCT DATASHEET

LED Spot Acrylic Frosted 6W 827 White

LED Spot Acrylic | Integrated LED Recess with clean or frosted acrylic shade



Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

- Stylish and modern design
- Through-wiring possible with included connector box
- Easy mounting

Product features

- Recessed ceiling mounting
- Color temperature: 2,700 K
- Through wiring possible
- Type of protection: IP20



TECHNICAL DATA**Electrical data**

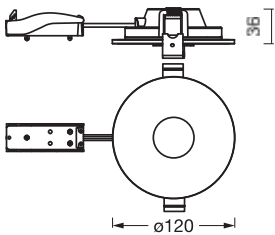
Nominal wattage	6.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	40.000 mA
Inrush current	0.04 A
Inrush current time T_{h50}	520 μ s
Max. number of luminaires per miniature circuit breaker B16	37
Max. number of luminaires per miniature circuit breaker C10	37
Max. number of luminaires per miniature circuit breaker C16	59
Power factor λ	> 0.5
Total harmonic distortion	150 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	210 lm
Total luminous flux of contained light sources	650 lm
Luminous efficacy	35 lm/W
Color temperature	2700 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdc _m
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

Dimensions & Weight

Diameter	120.00 mm
Height	36.00 mm
Product weight	170.00 g



LED SPOT ACRYLIC 6W 830 WT

Materials & Colors

Product color	White
Housing color	White
Body material	Polyamide
Cover material	Polystyrene (PS)
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+70 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	100 mm
Mounting depth	40 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	12500

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 operation test	None
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Certificates & Standards

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

Additional product data

Product remark	Available from October 2025
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Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075854093	Folding box 1	52 mm x 132 mm x 143 mm	206.00 g	0.98 dm ³
4058075854109	Shipping box 20	282 mm x 278 mm x 310 mm	4671.00 g	24.30 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.