PRODUCT DATASHEET
LED Mini Spot Set 6W 830 120° White

LED Mini Spot Set | 5 Mini LED Spots

Areas of application

– Bathrooms
– Workshops, garages, covered outdoor storage areas
– Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

– Spotlights for Undercabinet illumination
– Easy mounting

Product features

– Recessed ceiling mounting
– Color temperature: 3,000 K
– Type of protection, front side: IP44
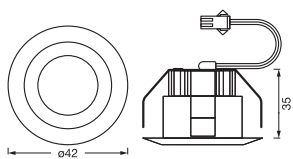
TECHNICAL DATA

Electrical data

Nominal wattage	6.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	32.000 mA
Inrush current	0.032 A
Inrush current time T_{h50}	14 µs
Max. number of luminaires per miniature circuit breaker B16	24
Max. number of luminaires per miniature circuit breaker C10	19
Max. number of luminaires per miniature circuit breaker C16	31
Power factor λ	> 0.7
Total harmonic distortion	< 55 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	480 lm
Total luminous flux of contained light sources	550 lm
Luminous efficacy	80 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	6 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	20 °

Dimensions & Weight

Diameter	42.00 mm
Height	35.00 mm
Product weight	210.00 g

LED 5XSPOT MINI 6W 830

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	30.00 mm
Mounting depth	35 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
Number of switching cycles	10000

[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

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

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
4099854596278	Folding box 1	65 mm x 140 mm x 141 mm	252.00 g	1.28 dm³
4099854596285	Shipping box 8	306 mm x 282 mm x 173 mm	2415.00 g	14.93 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.