

PRODUCT DATASHEET

LED Spot Set DIM Recess IP65 4.9W 827 36° White

LED Spot Set DIM Recess IP65 | Recess IP65 Front with dimmable integrated LED



Areas of application

- Suitable for outdoor use
- Bathrooms
- Workshops, garages, covered outdoor storage areas

Product benefits

- Can be rotated and swiveled for optimum illumination
- Through-wiring possible with included connector box
- Easy mounting

Product features

- Recessed ceiling mounting
- Dimmable (with suitable Phase-cut dimmers)
- Color temperature: 2,700 K
- Through wiring possible
- Type of protection, front side: IP44



TECHNICAL DATA

Electrical data

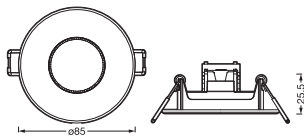
Nominal wattage	4.90 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	33.000 mA
Inrush current	4.1 A
Max. number of luminaires per miniature circuit breaker B16	38
Max. number of luminaires per miniature circuit breaker C10	24
Max. number of luminaires per miniature circuit breaker C16	38
Power factor λ	0.40
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	280 lm
Total luminous flux of contained light sources	420 lm
Luminous efficacy	57 lm/W
Color temperature	2700 K
Light color (designation)	Warm White
Color rendering index Ra	80
Standard deviation of color matching	6 sdc _m
Luminous intensity	540 cd
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	36 °

Dimensions & Weight

Diameter	85.00 mm
Height	27.50 mm
Product weight	92.00 g



SPOT SET 4.9W 827 DIM IP65

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum Plastic
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

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	IP65/IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	PHASE CUT
Mounting type	Recessed
Mounting location	Ceiling
Mounting diameter	68 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	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 operation test	None
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Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	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.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	Spotlights Dimmable 3x4.9W 827
	Legal information	Safety insert G11222465
	Legal information	SPOT SET
	Declarations of conformity	Spotlights IP44 and IP65
	Declarations of conformity UKCA	Spotlights IP44 and IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854596124	Folding box 3	94 mm x 202 mm x 103 mm	336.00 g	1.96 dm ³
4099854596131	Shipping box 24	392 mm x 216 mm x 231 mm	3146.00 g	19.56 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.