

PRODUCT DATASHEET Spot Twist 93mm 10W 4000K White White

LED SPOT RECESS TWIST PRO | Recessed spotlight with LED integrated



Areas of application

- Indoor applications
- General illumination

Product benefits

- Energy savings of up to 90 % compared to halogen lamp spotlights
- Easy installation and electrical connection thanks to tool-free electrical connectors

Product features

- Silicon-pad protected springs



TECHNICAL DATA

Electrical data

Nominal wattage	10.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	100.000 mA	
Inrush current time T _{h50}	10 μs	
Max. number of luminaires per miniature circuit breaker B16	120	
Max. number of luminaires per miniature circuit breaker C10	70	
Max. number of luminaires per miniature circuit breaker C16	120	
Power factor λ	≥0.5	
Protection class	II	
Operating mode	Mains voltage	

Photometrical data

Luminous flux	800 lm	
Luminous efficacy	80 lm/W	
Color temperature	4000 K	
Light color (designation)	Cool White	
Color rendering index Ra	≥80	
Standard deviation of color matching	≤6 sdcm	
Photobiological safety group acc. to EN62778	RG1	
Photobiological safety group acc. to EN62471	RG1	
Beam angle	30 °	

Dimensions & Weight

Diameter	93.00 mm
Height	94.00 mm
Product weight	210.00 g

SPOT TWIST 93MM

Materials & Colors

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

Application & Mounting

Ambient temperature range	-10+45 °C	
Temperature range at storage	-20+80 °C	
Type of connection	Screw terminal, 2-Pole (L,N)	
Type of protection	IP20	
Protection class IK (shock resistance)	IK02	
Dimmable	No	
Mounting type	Recessed	
Mounting diameter	85 mm	
Mounting depth	100 mm	
With light source	Yes	
Replaceable light source	No	

Lifespan

Lifespan L70/B50 at 25 °C	30000 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)

Control gear

Output current	230 mA
ECG - Length	82 mm
ECG - Width	35 mm
ECG - Height	25 mm

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

- Connector box not included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

	Documents and certificates	es Document name	
PDF	User instruction / safety instructions SPOT TWIST		
PDF	Legal information	Safety insert G11222465	
PDF	Declarations of conformity	CE Declaration Spot Twist	
PDF	Declarations of conformity UKCA	UKCA Declaration Spot Twist	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854447037	Folding box 1	109 mm x 124 mm x 114 mm	302.00 g	1.54 dm ³
4099854447044	Shipping box 20	580 mm x 270 mm x 245 mm	6040.00 g	38.37 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.