

# PRODUCT DATASHEET Spot Twist 70mm 5W 4000K White Silver

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	5.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	50.000 mA	
Inrush current time T <sub>h50</sub>	10 μs	
Max. number of luminaires per miniature circuit breaker B16	250	
Max. number of luminaires per miniature circuit breaker C10	150	
Max. number of luminaires per miniature circuit breaker C16	250	
Power factor $\lambda$	≥0.5	
Protection class	П	
Operating mode	Mains voltage	

# Photometrical data

Luminous flux	400 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	70.00 mm
Height	77.00 mm
Product weight	155.00 g

SPOT TWIST 70MM 5W

### Materials & Colors

Product color	White Silver	
Housing color	White Silver	
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	65 mm
Mounting depth	100 mm
With light source	Yes
Replaceable light source	No

# Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	15000

<sup>1)</sup> 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	105 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	Document name	
POF	User instruction / safety instructions	SPOT TWIST	
POF	Legal information	Safety insert G11222465	
POF	Declarations of conformity	CE Declaration Spot Twist	
POF	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
4099854446498	Folding box 1	89 mm x 104 mm x 104 mm	232.00 g	0.96 dm <sup>3</sup>
4099854446504	Shipping box 20	530 mm x 230 mm x 205 mm	4640.00 g	24.99 dm <sup>3</sup>

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.