

# PRODUCT DATASHEET

## SP CBO FIX V 5.5W CPS 60DEG IP65 WT

SPOT COMBO FIX | Coverable spot with CCT and power select (CPS) in fix version



VALUE  
CLASS

### Areas of application

- Direct replacement for recessed spotlights with halogen lamps
- General illumination
- Hotel rooms and corridors
- Bars, restaurants
- Residential interiors

### Product benefits

- White round ring included
- Color temperature adjustment via switch on the back of the spot
- Power select: Brightness adjustment via a switch on the driver
- Coverable with most thermal isolation material according to IEC 60598-2-2
- 5 years guarantee

### Product features

- Color temperature switch (CCT): 2700 K, 3000 K, 4000 K
- Power select option available to select between 2 lumen packages
- Type of protection: IP65
- Housing material: polycarbonate (PC)



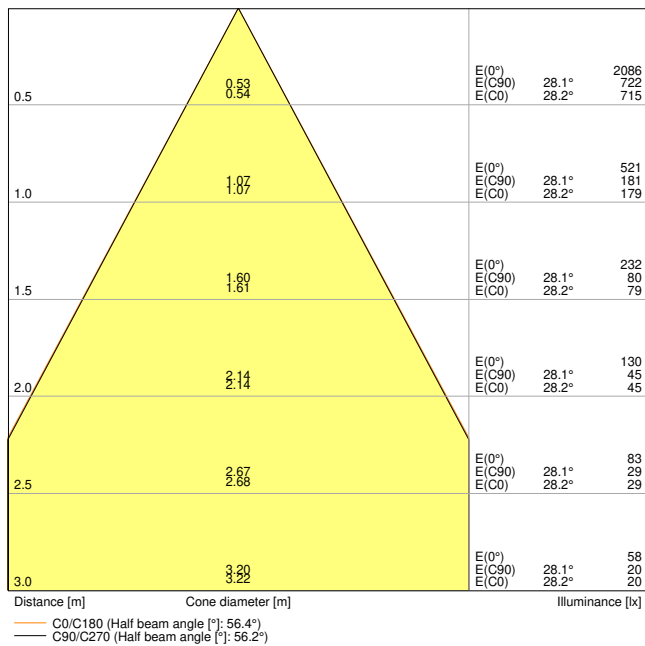
## TECHNICAL DATA

### Electrical data

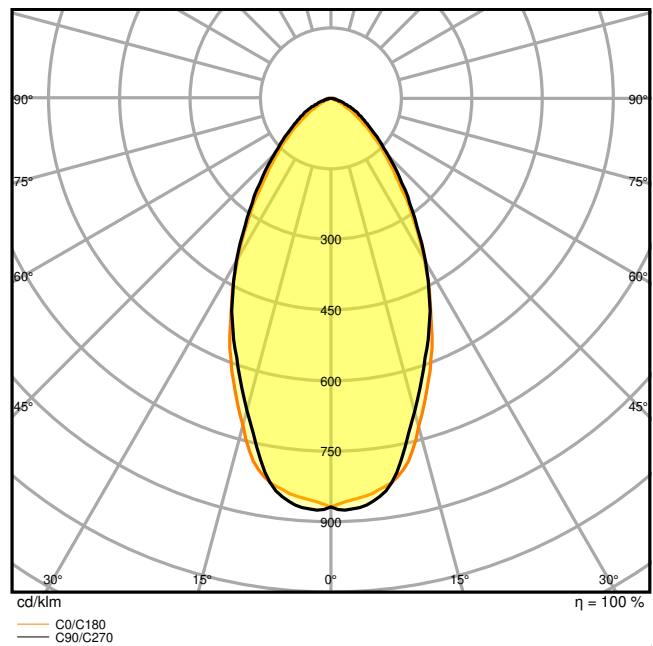
Nominal wattage	5.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	43.000 mA
Inrush current	8.8 A
Inrush current time $T_{h50}$	96 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	79
Max. number of luminaires per miniature circuit breaker C10	62
Max. number of luminaires per miniature circuit breaker C16	99
Power factor $\lambda$	> 0.5
Protection class	II
Operating mode	Electronic control gear (ECG)

### Photometrical data

Luminous flux	600 lm
Luminous efficacy	109 lm/W
Color temperature	2700 K / 3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 90
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	60 °



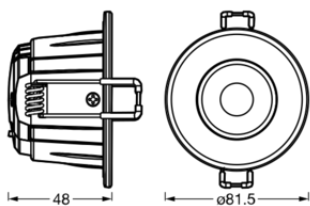
SP CBO FIX V 3.6W 927



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Dimensions & Weight

Diameter	81.50 mm
Height	48.00 mm
Product weight	177.00 g



SP FIX3.6/5.5W927/30/40  
60DEGIP65WT

Materials & Colors

Product color	White
Housing color	White
Body material	Polycarbonate (PC)

Cover material	Aluminum
Light emitting surface material	Plastic
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Push terminal
Type of protection	IP65/IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	68 mm
Mounting depth	48 mm
Adjustable	No
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	39000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	39000 h
Lifespan L90/B10 at 25 °C	18000 h
Number of switching cycles	25000

<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	100 mA
ECG - Output ripple current	< 30 %
ECG - Length	100 mm
ECG - Width	46 mm
ECG - Height	26,0 mm

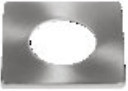




### Certificates & Standards

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

Additional product data

Added function	MULTI SELECT
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Accessories Optional

Product image	Product name	EAN
	SP CBO RING FIX SQUARE BN	4099854099274
	SP CBO RING FIX SQUARE WT	4099854099304
	SP CBO RING FIX ROUND BK	4099854098406
	SP CBO RING FIX ROUND BN	4099854098437
	SP CBO RING FIX SQUARE BK	4099854099335






EQUIPMENT / ACCESSORIES








- Already equipped with white round ring
- Additional cover rings separately available in round and square shape and in different colors



Safety advice

- 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	UI SPOT COMBO and ACC
	Legal information	Legal Insert SPOT COMBO
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration SP COMBO
	Declarations of conformity UKCA	UKCA Declaration SP COMBO

Photometric and lighting design files		Document name
	IES file (IES)	SP CBO FIX V 3.6W 927
	LDT file (Eulumdat)	SP CBO FIX V 3.6W 927
	ULD file (DIALux)	SP CBO FIX V 5.5W CPS 60DEG IP65 WT
	ROLF file (RELUX)	SP CBO FIX V 5.5W CPS 60 DEG IP65 WT
	UGR file (UGR table)	SP CBO FIX V 3.6W 927
	Light distribution curve type cone	SP CBO FIX V 3.6W 927
	Light distribution curve type polar	SP CBO FIX V 3.6W 927

CAD/BIM files		Document name
	BIM Revit 3D	Spot Combo
	CAD STEP 3D	SP CBO FIX

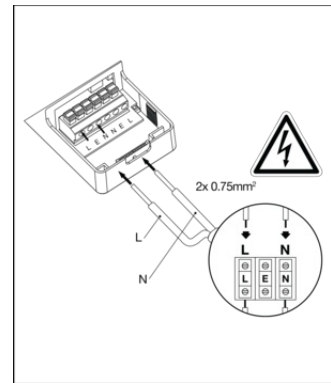
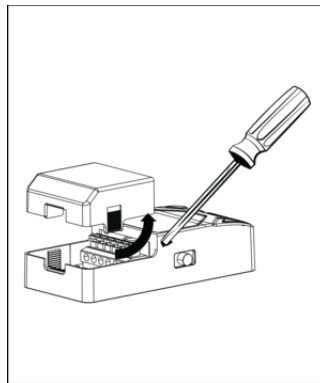
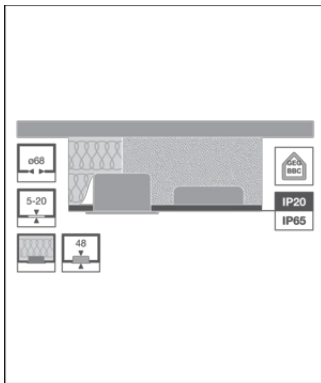
## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854092701	Folding box 1	77 mm x 107 mm x 98 mm	223.00 g	0.81 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854092718	Shipping box 20	402 mm x 228 mm x 222 mm	4812.00 g	20.35 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.

**ADDITIONAL CATALOG INFORMATION**



**References / Links**

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.