PRODUCT DATASHEET
SP CBO DA ADJ V 6W MC 930 IP65 WT

SPOT COMBO DALI ADJUST | Coverable spot with CCT, DALI-2 technology and dimming function, in adjustable version

Areas of application

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

Product benefits

- Color temperature adjustment via switch on the back of the spot
- Can be covered with most insulating materials

Product features

- Color temperature switch (CCT): 2700 K, 3000 K, 4000 K
- Can be controlled with DALI system
- DALI-2 certified
- Type of protection: IP65 (room side)
- Housing material: polycarbonate (PC)

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TECHNICAL DATA

Electrical data

Nominal wattage	6.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	35.000 mA
Inrush current	7.5 A
Inrush current time T_{h50}	40 µs
Max. number of luminaires per miniature circuit breaker B16	40
Max. number of luminaires per miniature circuit breaker C10	30
Max. number of luminaires per miniature circuit breaker C16	40
Power factor λ	0.50
Total harmonic distortion	< 35 %
Protection class	III
Operating mode	External LED driver

Photometrical data

Luminous flux	540 lm [1)]
Luminous efficacy	90 lm/W [2)]
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 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	60 °
UGR	< 25

1) 540lm@4000K, 540lm@3000K, 500lm@2700K

2) 90lm/W@4000K, 90lm/W@3000K, 83lm/W@2700K

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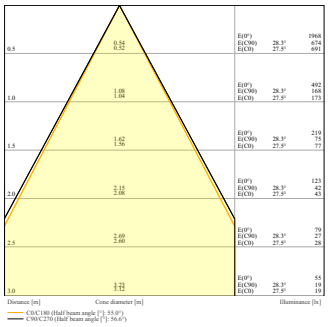
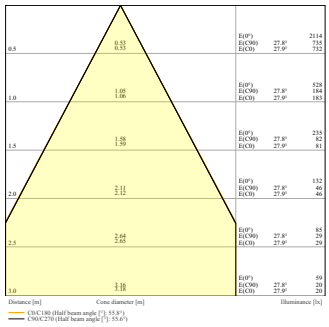


SP CBO DA ADJ V 6W MC 927 IP65 WT



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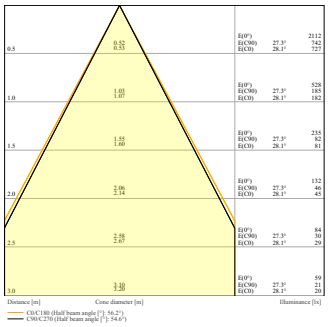
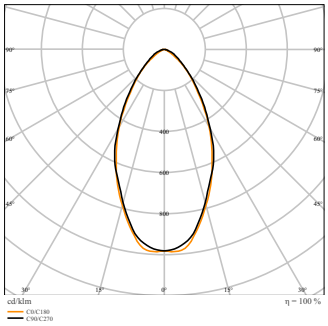


SP CBO DA ADJ V 6W MC 940 IP65 WT



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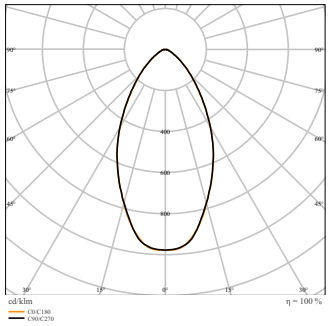

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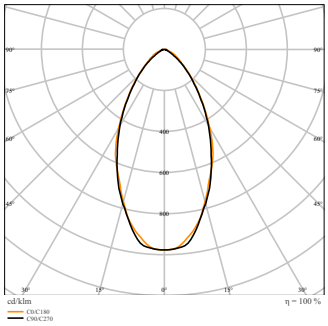
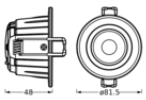


SP CBO DA ADJ V 6W MC 940 IP65 WT

Dimensions & Weight

Diameter	81.50 mm
Height	48.00 mm
Product weight	285.00 g
Cable length	550 mm



SP ADJ3.6/5.5W927/30/40 60DEGIP65WT

Materials & Colors

Product color	White
Housing color	White

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RAL Color (most similar)	RAL 9016
Body material	Aluminum
Cover material	Plastic
Light emitting surface material	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	Push terminal
Type of protection	IP65/IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	DALI2
Dimming range	5…100 %
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	68 mm
Mounting depth	48 mm
Adjustable	Yes
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1)]
Lifespan L80/B10 at 25 °C	35000 h [1)]
Lifespan L80/B50 at 25 °C	39000 h
Lifespan L90/B10 at 25 °C	19000 h
Number of switching cycles	25000

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	150 mA
ECG - Output ripple current	< 6 %

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ECG - Length	180 mm
ECG - Width	44 mm
ECG - Height	32 mm

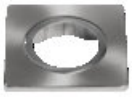
Certificates & Standards

Standards	CE / UKCA / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00042-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	MULTI SELECT

Accessories Optional

Product image	Product name	EAN
	SP CBO RING ADJ SQUARE BN	4099854097959
	SP CBO RING ADJ ROUND BK	4099854097911
	SP CBO RING ADJ SQUARE WT	4099854097973
	SP CBO RING ADJ ROUND BN	4099854097935
	SP CBO RING ADJ SQUARE BK	4099854097997

EQUIPMENT / ACCESSORIES

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

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	SP CBO DA ADJ
PDF	Legal information	LSI SPOT COMBO DALI
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	SP CBO DA ADJ V 6W MC 930 IP65 WT LEDV
PDF	Declarations of conformity UKCA	SP CBO DA ADJ V 6W MC 930 IP65 WT LEDV
PDF	EU Data Act	DALI LED Driver and Luminaires

	Photometric and lighting design files	Document name
IES	IES file (IES)	SP CBO DA ADJ V 6W MC 927 IP65 WT LEDV
IES	IES file (IES)	SP CBO DA ADJ V 6W MC 940 IP65 WT LEDV
IES	IES file (IES)	SP CBO DA ADJ V 6W MC 930 IP65 WT
LDT	LDT file (Eulumdat)	SP CBO DA ADJ V 6W MC 927 IP65 WT LEDV
LDT	LDT file (Eulumdat)	SP CBO DA ADJ V 6W MC 930 IP65 WT LEDV
LDT	LDT file (Eulumdat)	SP CBO DA ADJ V 6W MC 940 IP65 WT LEDV
ULD	ULD file (DIALux)	SP CBO DA ADJ V 6W MC 930 IP65 WT
ROLF	ROLF file (RELUX)	SP CBO DA ADJ V 6W MC 930 IP65 WT
	UGR file (UGR table)	SP CBO DA ADJ V 6W MC 927 IP65 WT
	UGR file (UGR table)	SP CBO DA ADJ V 6W MC 930 IP65 WT

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	Photometric and lighting design files	Document name
	UGR file (UGR table)	SP CBO DA ADJ V 6W MC 940 IP65 WT
	Light distribution curve type cone	SP CBO DA ADJ V 6W MC 927 IP65 WT
	Light distribution curve type cone	SP CBO DA ADJ V 6W MC 930 IP65 WT
	Light distribution curve type cone	SP CBO DA ADJ V 6W MC 940 IP65 WT
	Light distribution curve type polar	SP CBO DA ADJ V 6W MC 927 IP65 WT
	Light distribution curve type polar	SP CBO DA ADJ V 6W MC 930 IP65 WT
	Light distribution curve type polar	SP CBO DA ADJ V 6W MC 940 IP65 WT

	CAD/BIM files	Document name
	BIM Revit 3D	Spot Combo G2
	CAD STEP 3D	SP CBO ADJ

	Tender texts	Document name
	Tender documents	SPOT COMBO DALI ADJUST 6W MC 930 IP65 WT-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075846326	Folding box 1	97 mm x 107 mm x 97 mm	362.00 g	1.01 dm^3
4058075846333	Shipping box 20	502 mm x 228 mm x 222 mm	7649.00 g	25.41 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.

ADDITIONAL CATALOG INFORMATION

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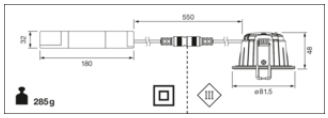

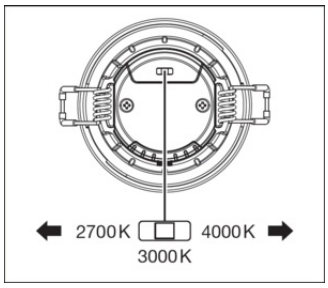

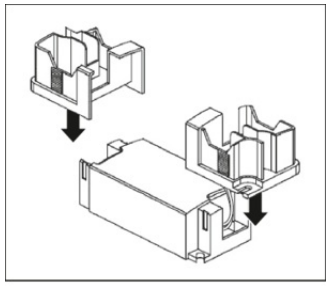

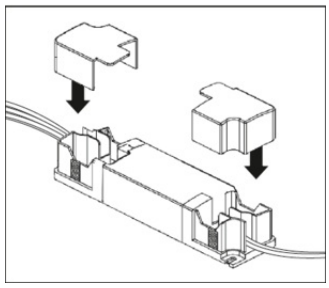

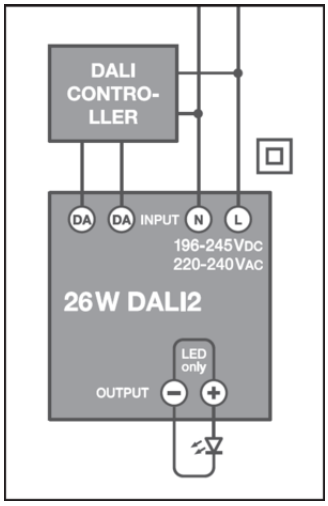

References / Links

– For Guarantee see www.ledvance.com/guarantee

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