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
Maximum total harmonic distortion	< 35 %
Protection class	III
Operating mode	External LED driver

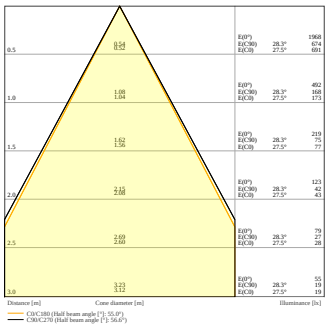
Photometrical data

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

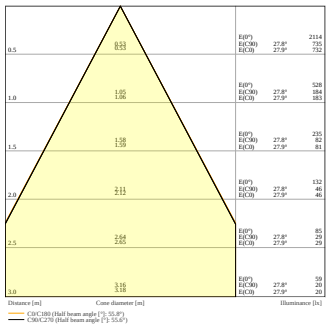
1) 540lm@4000K, 540lm@3000K, 500lm@2700K

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

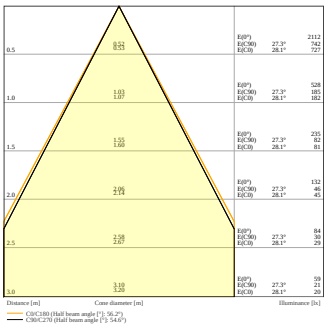
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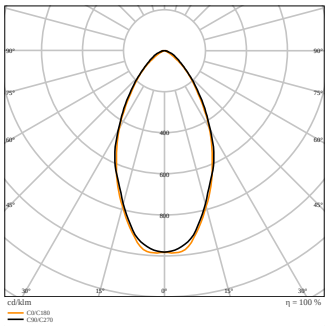
SP CBO DA ADJ V 6W MC 927 IP65 WT



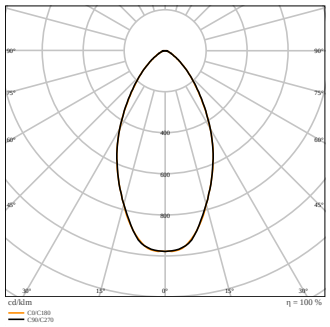
SP CBO DA ADJ V 6W MC 930 IP65 WT



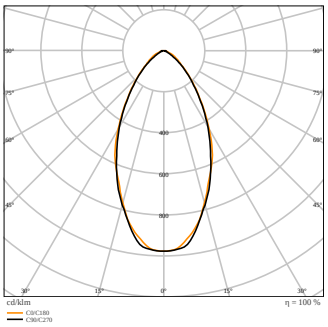
SP CBO DA ADJ V 6W MC 940 IP65 WT



SP CBO DA ADJ V 6W MC 927 IP65 WT



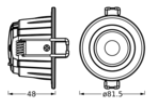
SP CBO DA ADJ V 6W MC 930 IP65 WT



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	DALI-2
Dimming range	5…100 %
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	68 mm
Mounting depth	48 mm
Mechanically 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 [1)]
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
Output ripple current (100 Hz)	< 6 %
ECG - Length	180 mm

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ECG - Width	44 mm
ECG - Height	32 mm

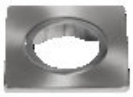
Certificates & Standards

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 COLOR

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

Components for light control

Components Light Control

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Product image	Product name	EAN
	MANUAL CONTROL UNIT GROUP DALI-2 TW	4099854748691
	MANUAL CONTROL UNIT SELECT DALI-2	4058075837485
	MANUAL CONTROL UNIT SELECT DALI-2 TW	4058075837508
	MANUAL CONTROL UNIT SELECT DALI-2 EXCHANGEABLE COVER TW	4058075837522
	MANUAL CONTROL UNIT TOUCH DALI-2 TW	4058075837560
	MANUAL CONTROL UNIT TOUCH DALI-2	4058075837546
	PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075837584
	PUSH CONTROL UNIT FM DALI-2 DIM	4099854846922
	SURFACE MOUNT FRAME	4058075843561
	PUSHBUTTON COUPLER DALI-2	4058075837607
	FLEX CONTROL UNIT IOT DALI-2 HCL TW	4058075841888

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Product image	Product name	EAN
	FLEX CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075841901
	FLEX CONTROL UNIT DALI-2 TW	4058075843844
	FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW	4058075841925
	SENSOR DALI-2 LIGHT/PRESENCE-6 INFRARED CEILING INTEGRATION	4058075837621
	SENSOR CEILING MOUNTING KIT LIGHT/PRESENCE-6	4099854748714
	SENSOR DALI-2 LIGHT/PRESENCE-8 INFRARED CEILING INTEGRATION	4058075841949
	SENSOR DALI-2 LIGHT/PRESENCE-40X5 INFRARED CEILING INTEGRATION	4058075843868
	SENSOR DALI-2 LIGHT/PRESENCE-24 INFRARED CEILING MOUNTING	4058075843882
	HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING	4058075857537
	DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM	4058075843905
	RELAY DALI-2 RAIL MOUNTING	4099854709159

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Product image	Product name	EAN
	RELAY DALI-2 CEILING MOUNTING	4099854709135
	REPEATER DALI-2 RAIL MOUNTING	4099854709111
	REPEATER DALI-2 CEILING MOUNTING	4099854709098

EQUIPMENT / ACCESSORIES

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

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
PDF	EPD	EPD EN SPOT COMBO GEN2

	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

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

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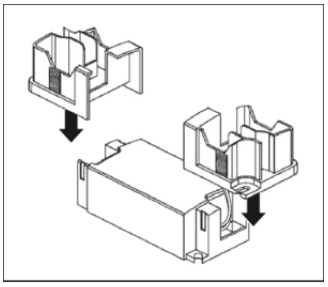
	Tender texts	Document name
	Tender documents	SPOT COMBO DALI ADJUST 6W MC 930 IP65 WT-en

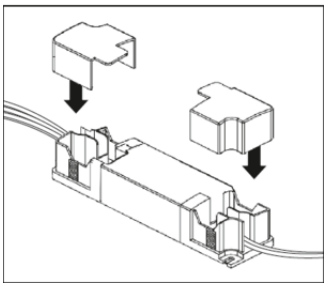
LOGISTICAL DATA

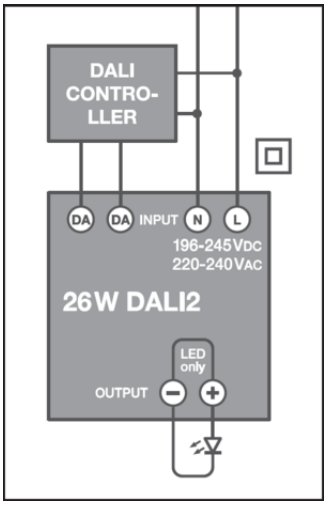
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075846326	Folding box 1	97 mm x 107 mm x 97 mm	362.00 g	1.01 dm^3
4058075846333	Shipping box 20	502 mm x 228 mm x 222 mm	7649.00 g	25.41 dm^3

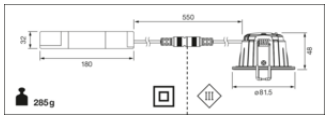
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

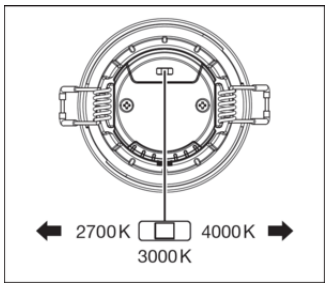
ADDITIONAL CATALOG INFORMATION











References / Links

– For Guarantee see www.ledvance.com/guarantee

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