

PRODUCT DATASHEET

SP CBO ADJ V 6W ML 9273040 DIM IP65/5X WT

SPOT COMBO IP65/5X | Coverable spot with IP65/IP50, CCT, Multi Lumen and dimming function



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

- Easy color temperature adjustment via switch on the front of the spot
- Multi Lumen: Brightness adjustment via a switch on the front of the spot
- Can be covered with most insulating materials

Product features

- Color temperature switch (CCT): 2700 K, 3000 K, 4000 K
- Type of protection: IP65 (front side) and IP50 (back side)
- Housing material: polycarbonate (PC)
- Ring colors in white matt or anodized aluminum
- Dimmable (with many common dimmers)



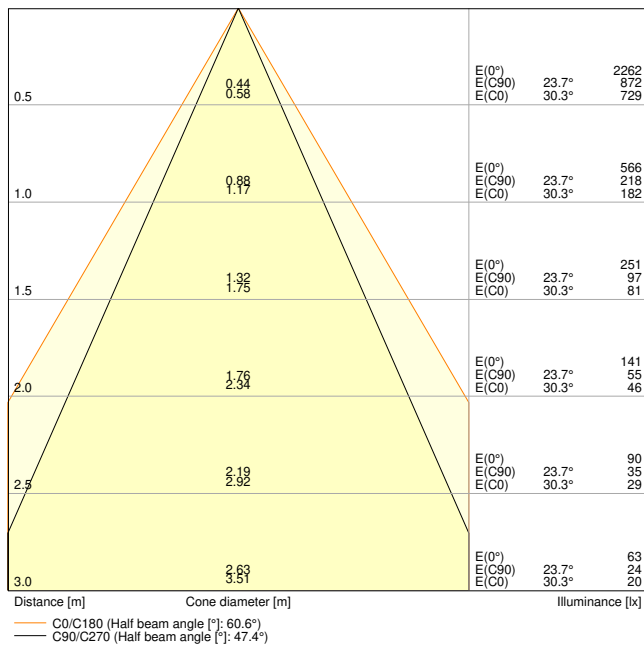
TECHNICAL DATA

Electrical data

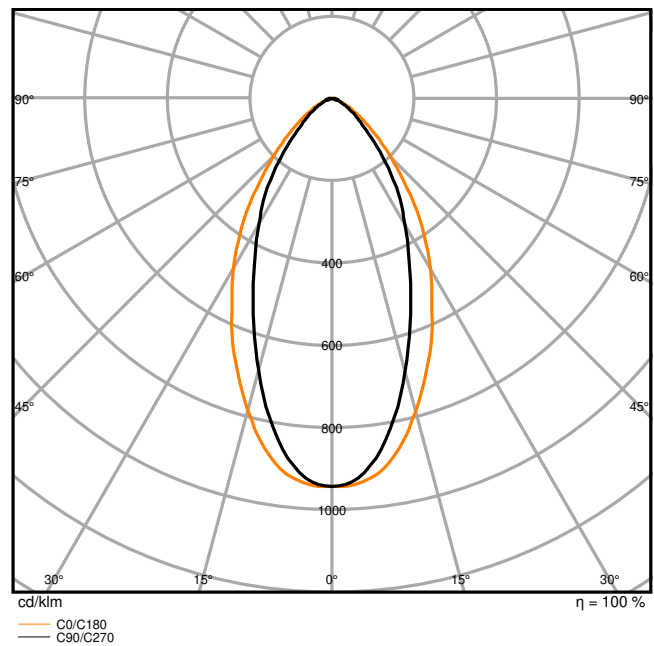
Nominal wattage	6 W / 4.3 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	27...21 mA
Inrush current	0.76 A
Inrush current time T_{h50}	100 μ s
Max. number of luminaires per miniature circuit breaker B16	64
Max. number of luminaires per miniature circuit breaker C10	40
Max. number of luminaires per miniature circuit breaker C16	64
Power factor λ	≥ 0.90
Total harmonic distortion	< 35 %
Protection class	II
Operating mode	External LED driver
Dimming interface	Phase Cut

Photometrical data

Luminous flux	600 lm / 570 lm / 430 lm / 410 lm
Luminous efficacy	100 lm/W / 95 lm/W
Color temperature	2700 K / 3000 K / 4000 K
Reference control setting of contained light source (Kelvin)	2700 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 90
Standard deviation of color matching	6 sdc _m
Luminous intensity	590 cd
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	60 °



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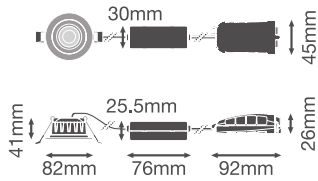
SP CBO ADJ V 6W ML 940 DIM IP65 5X WT LEDV

Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
6 W	2700 K	570 lm	95 lm/W
6 W	3000 K	600 lm	100 lm/W
6 W	4000 K	600 lm	100 lm/W
4.3 W	2700 K	410 lm	95 lm/W
4.3 W	3000 K	430 lm	100 lm/W
4.3 W	4000 K	430 lm	100 lm/W

Dimensions & Weight

Diameter	82.00 mm
Height	41.00 mm
Product weight	250.00 g
Cable length	600 mm



SP CBOADJ V

Materials & Colors

Product color	White
Housing color	Black
RAL Color (most similar)	RAL 9003
Body material	Aluminum Polycarbonate (PC)
Cover material	Plastic
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/IP50
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	68 mm
Mounting depth	38 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	40000 h ¹⁾
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	18000 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	160 mA
ECG - Output ripple current	≤ 6 %
ECG - Length	76 mm
ECG - Width	30 mm
ECG - Height	25,5 mm

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards




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

Additional product data

Product remark	Available from March 2026
Added function	MULTI SELECT

Accessories Optional

Product image	Product name	EAN
	SP CBO IP65/5X RING FIX ROUND WT	4099854736575
	SP CBO IP65/5X RING FIX ROUND BN	4099854736612

Product image	Product name	EAN
	SP CBO IP65/5X RING FIX ROUND BK	4099854736599
	SP CBO IP65/5X RING FIX SQUARE WT	4099854736674
	SP CBO IP65/5X RING FIX SQUARE BN	4099854736636
	SP CBO IP65/5X RING FIX SQUARE BK	4099854736704
	SP CBO IP65/5X RING ADJ ROUND BN	4099854736742
	SP CBO IP65/5X RING ADJ ROUND BK	4099854736728
	SP CBO IP65/5X RING ADJ SQUARE WT	4099854736780
	SP CBO IP65/5X RING ADJ SQUARE BN	4099854736766
	SP CBO IP65/5X RING ADJ SQUARE BK	4099854736803

EQUIPMENT / ACCESSORIES














– Already equipped with white round ring


- Additional cover rings separately available in round and square shape and in different colors
- Security rope for luminaire included



Safety advice


- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	G11265175 SPOT COMBO
	Legal information	Safety Insert G11244388
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	G11273216 Light Source Insert SPOT COMBO
	Legal information	G11182880 Legal Insert SPOT COMBO
	Declarations of conformity	SP CBOADJ LUM
	Declarations of conformity UKCA	SP CBOADJ LUM
Photometric and lighting design files		Document name
	IES file (IES)	SP CBO ADJ V 6W ML 940 DIM IP65 5X WT LEDV
	LDT file (Eulumdat)	SP CBO ADJ V 6W ML 940 DIM IP65 5X WT LEDV
	ULD file (DIALux)	SP CBOADJ V 6WML9273040DIMIP65-5XWT
	ROLF file (RELUX)	SP CBOADJ V 6WML9273040DIMIP65-5XWT
	UGR file (UGR table)	SP CBO ADJ V 6W ML 940 DIM IP65 5X WT LEDV
	Light distribution curve type cone	SP CBO ADJ V 6W ML 940 DIM IP65 5X WT LEDV

Photometric and lighting design files		Document name
	Light distribution curve type polar	SP CBO ADJ V 6W ML 940 DIM IP65 5X WT LEDV

CAD/BIM files		Document name
	BIM Revit 3D	Spot Combo G3
	CAD STEP 3D	SP CBO ADJ G3

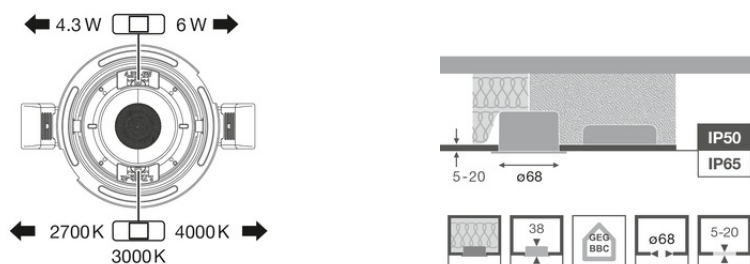
Tender texts		Document name
	Tender documents	ENSPOT COMBO IP655X ADJ V 6W ML 9273040 DIM IP655X WT-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854736490	Folding box 1	100 mm x 112 mm x 78 mm	277.00 g	0.87 dm ³
4099854736506	Shipping box 20	523 mm x 241 mm x 192 mm	6042.00 g	24.20 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

DISCLAIMER

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