

PRODUCT DATASHEET

SMART+ Wifi Tracklight Spot Osaka Black TW

SMART+ TRACKLIGHT OSAKA | Smart+ tracklight luminaires with WiFi technology TW



Areas of application

- Kitchens, living rooms, children's rooms or home offices
- Entrance areas

Product benefits

- Can be rotated and swiveled for optimum illumination
- Creating individual light scenes according to your needs with cold white to warm white (3000 K to 6500 K)
- Timeless elegant design
- High-quality materials

Product features

- Customisable modular smart tracklight system
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Network protocol: WiFi
- Dimmable



TECHNICAL DATA

Electrical data

Nominal wattage	8.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	44.000 mA
Inrush current time T_{h50}	1800 μ s
Max. number of luminaires per miniature circuit breaker B16	28
Max. number of luminaires per miniature circuit breaker C16	48
Power factor λ	≥ 0.5
Total harmonic distortion	$< 70 \%$
Protection class	II
Operating mode	Mains voltage

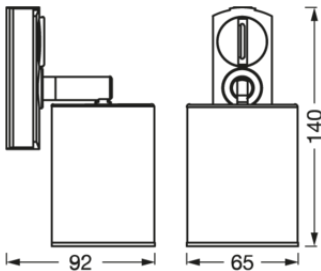
Photometrical data

Luminous flux	230 lm
Total luminous flux of contained light sources	500 lm
Luminous efficacy	28 lm/W
Color temperature	3000...6500 K
Reference control setting of contained light source (Kelvin)	3000 K ¹⁾
Light color (designation)	Tunable White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 6 sdcn
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	80 °

1) Performing a reset will restore the default values set by the manufacturer

Dimensions & Weight

Length	140.00 mm
Width	65.00 mm
Height	92.00 mm
Product weight	250.00 g



PGSAMRT WIFI TRACKL SPOT
OSAKA TW WTMiPRCmnk

Materials & Colors

Product color	Black
Housing color	Black
Body material	Steel
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Terminal, 2-pin
Type of protection	IP20
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	Mounting rail
Application environment	Indoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

Replaceable light source (EPREL)	Not replaceable
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Additional product data

Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.
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EQUIPMENT / ACCESSORIES

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Complete mounting and connecting accessories included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	SMART TRACKLIGHT SPOT
	Extended installation guide	SMART+ WIFI INSTALLATION GUIDE
	Declarations of conformity	SMART WIFI TRACKL SPOT
	Declarations of conformity UKCA	SMART WIFI TRACKL SPOT
	EU Data Act	SMART WiFi Lamps and Luminaires

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075759800	Folding box 1	82 mm x 82 mm x 163 mm	289.00 g	1.10 dm³
4099854114601	Shipping box 4	178 mm x 178 mm x 178 mm	1234.00 g	5.64 dm³
4058075759817	Shipping box 24	347 mm x 265 mm x 350 mm	7435.00 g	32.18 dm³

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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

DISCLAIMER

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