



PRODUCT DATASHEET

SMART+ MATTER Tracklight Osaka Black Tunable White

SMART+ MATTER Tracklight Osaka | Smart+ tracklight luminaires TW and dimmable



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 SMART+ App (with minimum Android 8.0 or iOS 14.0) or any other Matter-compatible platforms
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: Matter over WiFi (2.4 GHz)



TECHNICAL DATA

Electrical data

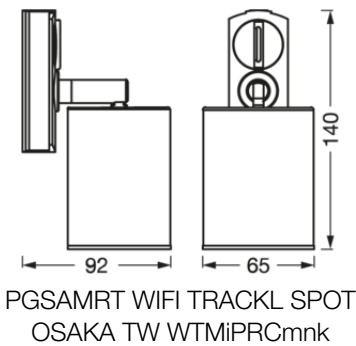
Nominal wattage	8.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	44.000 mA
Inrush current time T_{h50}	1800 μ s
Max. number of luminaires per miniature circuit breaker B16	28
Max. number of luminaires per miniature circuit breaker C16	48
Power factor λ	≥ 0.5
Total harmonic 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
Light color (designation)	Tunable White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 6 sdcn
Photobiological safety group acc. to EN62778	RG0
Beam angle	80 °

Dimensions & Weight

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



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
Application environment	Indoor
With light source	Yes

Lifespan

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

Emergency lighting

Type of emergency operation test	None
----------------------------------	------

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

Product remark	Available from October 2025 / Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.
----------------	--

EQUIPMENT / ACCESSORIES

- For control via 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	G11240111 SMART WIFI MAT TRACKSP CIRCLE
	Addon technical information	Wifi remote control compatibility list
	Addon technical information	Wifi remote control compatibility list (DE)
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety Insert G11243080
	Legal information	Legal insert G11244765
	Declarations of conformity	SMART Matter Tracklights
	Declarations of conformity UKCA	SMART Matter Tracklights

Documents and certificates		Document name
	EU Data Act	SMART MATTER Lamps Luminaires Plugs

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854474743	Folding box 1	82 mm x 82 mm x 163 mm	335.00 g	1.10 dm ³
4099854474750	Shipping box 4	178 mm x 178 mm x 178 mm	1340.00 g	5.64 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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/en-int/home-lighting/services/faq

DISCLAIMER

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