

## 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

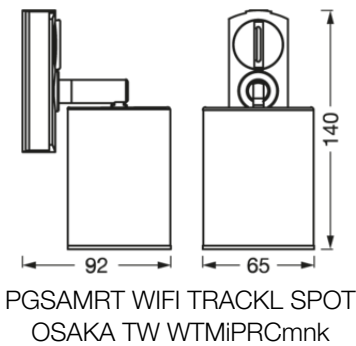
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 8.00 W        |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 44.000 mA     |
| Inrush current time $T_{h50}$                               | 1800 $\mu$ s  |
| Max. number of luminaires per miniature circuit breaker B16 | 28            |
| Max. number of luminaires per miniature circuit breaker C16 | 48            |
| Power factor $\lambda$                                      | $\geq 0.5$    |
| 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           | $\leq 6$ 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   |

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 |
|  | 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                |
|  | EU Data Act                            | SMART MATTER Lamps Luminares Plugs      |
|  | EU Data Act                            | SMART WiFi Lamps and Luminares          |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

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

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](http://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.