

# PRODUCT DATASHEET

## SMART + WIFI ORBIS Cylinder 450 WT

Cylinder | Decorative ceiling luminaires with WiFi technology



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### Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

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### Product benefits

- Easy and quick installation

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### Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 10.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi



## TECHNICAL DATA

### Electrical data

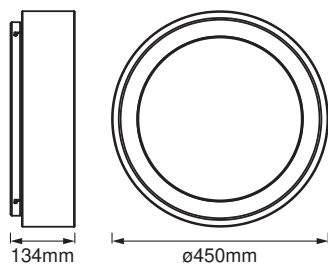
|                           |               |
|---------------------------|---------------|
| Nominal wattage           | 26.00 W       |
| Nominal voltage           | 220...240 V   |
| Mains frequency           | 50...60 Hz    |
| Nominal current           | 128.000 mA    |
| Power factor $\lambda$    | > 0.90        |
| Total harmonic distortion | < 20 %        |
| Protection class          | I             |
| Operating mode            | Mains voltage |

### Photometrical data

|                                                |               |
|------------------------------------------------|---------------|
| Luminous flux                                  | 2490 lm       |
| Total luminous flux of contained light sources | 2800 lm       |
| Luminous efficacy                              | 96 lm/W       |
| Color temperature                              | 3000...6500 K |
| Light color (designation)                      | Tunable White |
| Color rendering index Ra                       | > 80          |
| Standard deviation of color matching           | < 6 sdcm      |
| Photobiological safety group acc. to EN62778   | RG1           |
| Photobiological safety group acc. to EN62471   | RG1           |
| Beam angle                                     | 150 °         |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 450.00 mm |
| Height         | 134.00 mm |
| Product weight | 2820.00 g |



## Materials & Colors

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Product color                              | White                         |
| Housing color                              | White                         |
| Body material                              | Polymethylmethacrylate (PMMA) |
| Cover material                             | Polymethylmethacrylate (PMMA) |
| 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        | Screw terminal  |
| Type of protection        | IP20            |
| Dimmable                  | Yes             |
| Type of dimming           | WiFi            |
| Mounting type             | Surface         |
| Mounting location         | Ceiling         |
| Application environment   | Indoor          |
| LED module replaceable    | Not replaceable |
| With light source         | No              |

## Lifespan

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

## Certificates & Standards

|                                                      |                         |
|------------------------------------------------------|-------------------------|
| Standards                                            | CE / EAC / REACH / RoHS |
| Luminaire with limited surface temperature, "D sign" | No                      |

## 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. |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|

## EQUIPMENT / ACCESSORIES

- Mounting bracket included
- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART + WiFi App, a smart phone or Tablet PC is required

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**DOWNLOAD DATA**

| DOWNLOAD DATA                                                                    |                            |
|----------------------------------------------------------------------------------|----------------------------|
|  | User instruction           |
|  | Declarations of conformity |

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**LOGISTICAL DATA**

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075486560 | Folding box<br>1             | 502 mm x 148 mm x 504 mm             | 3272.00 g    | 37.45 dm <sup>3</sup>  |
| 4058075516625 | Shipping box<br>3            | 525 mm x 463 mm x 528 mm             | 10837.00 g   | 128.34 dm <sup>3</sup> |
| 4058075486577 | Shipping box<br>5            | 763 mm x 525 mm x 530 mm             | 10461.00 g   | 212.30 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.

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**DISCLAIMER**

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