

# PRODUCT DATASHEET

## Orbis Razon 485mm 36W 830 Black

Orbis Razon | LED ceiling luminaire with plastic ring



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### Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

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### Product benefits

- Timeless design

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### Product features

- Ceiling luminaire with advanced LED technology
- Color temperature: 3,000 K
- Type of protection: IP20

TECHNICAL DATA

Electrical data

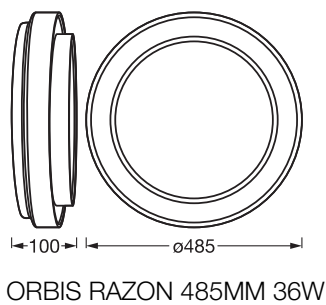
|                        |               |
|------------------------|---------------|
| Nominal wattage        | 36.00 W       |
| Nominal voltage        | 220...240 V   |
| Mains frequency        | 50...60 Hz    |
| Nominal current        | 180.000 mA    |
| Power factor $\lambda$ | 0.90          |
| Protection class       | I             |
| Operating mode         | Mains voltage |

Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 2000 lm    |
| Total luminous flux of contained light sources | 4700 lm    |
| Luminous efficacy                              | 56 lm/W    |
| Color temperature                              | 3000 K     |
| Light color (designation)                      | Warm White |
| Color rendering index Ra                       | > 80       |
| Standard deviation of color matching           | 6 sdcn     |
| Flickering metric (Pst LM)                     | <1         |
| Stroboscope effect metric (SVM)                | <0.4       |
| Photobiological safety group acc. to EN62778   | RG0        |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 485.00 mm |
| Height         | 100.00 mm |
| Product weight | 1420.00 g |



Materials & Colors

|               |       |
|---------------|-------|
| Product color | Black |
|---------------|-------|

|                                            |                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------|
| Housing color                              | Black                                                                 |
| Body material                              | Metal                                                                 |
| Cover material                             | Poly methyl methacrylate (PMMA) Acrylonitrile butadiene styrene (ABS) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                                                                |

### Application & Mounting

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ambient temperature range              | -20...+40 °C                |
| Temperature range at storage           | -20...+80 °C                |
| Type of connection                     | Terminal, 3-Pole (L, N, PE) |
| Type of protection                     | IP20                        |
| Protection class IK (shock resistance) | IK03                        |
| Dimmable                               | No                          |
| Mounting type                          | Surface                     |
| Mounting location                      | Ceiling                     |
| With light source                      | Yes                         |
| Replaceable light source               | No                          |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Number of switching cycles | 15000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### 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 December 2025 |
|----------------|------------------------------|

### EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included

### Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal

- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

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## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name         |
|----------------------------------------------------------------------------------|----------------------------------------|-----------------------|
|  | User instruction / safety instructions | G11241364 ORBIS RAZON |

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## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4099854617829 | Folding box<br>1             | 108 mm x 508 mm x 508 mm             | 1968.00 g    | 27.87 dm <sup>3</sup>  |
| 4099854617836 | Shipping box<br>4            | 525 mm x 440 mm x 525 mm             | 8782.00 g    | 121.28 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.