

# PRODUCT DATASHEET

## Orbis Pure 400mm 24W

ORBIS® Pure | LED ceiling luminaires



---

### Areas of application

- For indoor use only
- Decorative domestic lighting
- Ceiling and wall surface mounting

---

### Product benefits

- Very homogenous light
- Easy and quick installation

---

### Product features

- Ceiling luminaire with advanced LED technology
- Circular light emission



## TECHNICAL DATA

### Electrical data

Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	175 mA
Inrush current	7.9 A
Max. number of luminaires per miniature circuit breaker B16	24
Max. number of luminaires per miniature circuit breaker C10	24
Max. number of luminaires per miniature circuit breaker C16	38
Power factor $\lambda$	> 0.5
Protection class	I
Operating mode	External LED driver

### Photometrical data

Luminous flux	1800 lm
Total luminous flux of contained light sources	2700 lm
Luminous efficacy	85 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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	RG0
Beam angle	120 °

### Dimensions & Weight

Diameter	400 mm
Height	80.00 mm
Product weight	610.00 g

### Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)

Mercury content	0.0 mg
-----------------	--------

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+70 °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
Application environment	Indoor
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	25000 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 light operation	Non-maintained
Luminous flux in maintained operation mode	-
Luminous flux in emergency operation mode	-

### Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

### EQUIPMENT / ACCESSORIES






- Complete mounting and connecting accessories included

### Safety 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	ORBIS PURE
	Declarations of conformity	ORBIS PURE 400MM 24W 830 LEDV
	Declarations of conformity UKCA	Fixed LUM
Photometric and lighting design files		Document name
	IES file (IES)	ORBIS PURE 400MM 24W 830
	LDT file (Eulumdat)	ORBIS PURE 400MM 24W 830

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075651913	Folding box 1	94 mm x 429 mm x 429 mm	836.00 g	17.30 dm <sup>3</sup>
4058075651920	Shipping box 5	482 mm x 447 mm x 459 mm	5129.00 g	98.89 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.

## DISCLAIMER

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