

# PRODUCT DATASHEET Orbis London 400 mm 24W 830 WT

ORBIS LONDON | LED ceiling luminaires with plastic ring



#### Areas of application

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

#### Product benefits

- Very homogenous light
- Elegant design

#### **Product features**

- Decorative domestic lighting
- Ceiling luminaire with advanced LED technology



# TECHNICAL DATA

# Electrical data

Nominal wattage	24.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	185.000 mA
Max. number of luminaires per miniature circuit breaker B16	35
Max. number of luminaires per miniature circuit breaker C16	48
Power factor $\lambda$	> 0.5
Total harmonic distortion	< 101 %
Protection class	1
Operating mode	Electronic control gear (ECG)

#### Photometrical data

Luminous flux	1500 lm
Total luminous flux of contained light sources	2700 lm
Luminous efficacy	62 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	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

# Dimensions & Weight

Diameter	395.00 mm
Height	75.00 mm
Product weight	800.00 g

ORBIS LONDON 410MM 24W 830 WT

Materials & Colors

Product color	White
Housing color	White
Body material	Metal
Cover material	Plastic
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

## **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
Dimmable	No
Mounting type	Surface
Application environment	Indoor
With light source	Yes
Replaceable light source	No

## Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Number of switching cycles	25000

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

### Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

## Additional product data

Number of illuminants	empty
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## 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		
PDF	User instruction / safety instructions ORBIS		
PDF	Legal information	Safety insert G11219601	
PDF	Declarations of conformity	ORBIS LONDON DUBLIN BERLIN	
PDF	Declarations of conformity UKCA	ORBIS LONDON DUBLIN BERLIN	

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854448416	Folding box 1	430 mm x 120 mm x 430 mm	1276.00 g	22.19 dm <sup>3</sup>
4099854448423	Shipping box 5	435 mm x 420 mm x 435 mm	6380.00 g	79.47 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.