

# PRODUCT DATASHEET Orbis Livia 300MM 16W 830 Click DIM White and Wood Decor

Orbis Livia | LED ceiling luminaires with metal ring



### Areas of application

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

## Product benefits

- Stylish and modern design
- Easy to install and use
- Long lifetime thanks to LED technology

### **Product features**

- Type of protection: IP20
- Lifetime up to 30,000 h
- Click-DIM version: dimmable in three steps by repeated switching
- Color temperature: 3,000 K (Warm White)
- Metal housing, PMMA cover



# TECHNICAL DATA

# Electrical data

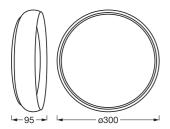
Nominal wattage	16.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	125.000 mA	
Inrush current time T <sub>h50</sub>	3.19 µs	
Max. number of luminaires per miniature circuit breaker B16	102	
Max. number of luminaires per miniature circuit breaker C10	64	
Max. number of luminaires per miniature circuit breaker C16	102	
Power factor λ	> 0.5	
Total harmonic distortion	< 150 %	
Protection class	1	
Operating mode	External LED driver	

# Photometrical data

Luminous flux	750 lm
Luminous efficacy	46 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	300.00 mm
Height	95.00 mm
Product weight	900.00 g



ORBIS LIVIA 300 16W830CLICKDIM

### Materials & Colors

Product color	White Wood decor
Housing color	White Wood decor
Body material	Metal
Cover material	Plastic
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	Yes
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
Replaceable light source (EPREL)	Not replaceable

### **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.
- 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.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

### **DOWNLOAD DATA**

	Documents and certificates	Document name
POF	User instruction / safety instructions	ORBIS LIVIA
POF	Legal information	Safety insert G11219601
POF	Declarations of conformity	ORBIS ALISON ORBIS WOODBURRY ORBIS ALICIA ORBIS YUMMY ORBIS LIVIA ORBIS ALVA
POF	Declarations of conformity UKCA	ORBIS ALISON ORBIS WOODBURRY ORBIS ALICIA ORBIS YUMMY ORBIS LIVIA ORBIS ALVA

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854448201	Folding box	107 mm x 312 mm x 313 mm	1228.00 g	10.45 dm <sup>3</sup>
4099854448218	Shipping box 5	553 mm x 328 mm x 338 mm	6140.00 g	61.31 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.