

PRODUCT DATASHEET

Orbis Alva 505MM 36W 830 Click DIM Black and Wood Decor

Orbis Alva | 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

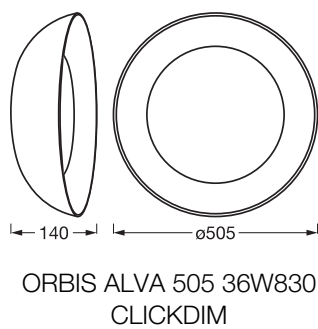
Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	170.000 mA
Inrush current	0.17 A
Inrush current time T_{h50}	3.19 μ s
Max. number of luminaires per miniature circuit breaker B16	75
Max. number of luminaires per miniature circuit breaker C10	47
Max. number of luminaires per miniature circuit breaker C16	75
Power factor λ	> 0.90
Total harmonic distortion	$\leq$ 30 %
Protection class	I
Operating mode	External LED driver

Photometrical data

Luminous flux	1600 lm
Total luminous flux of contained light sources	4700 lm
Luminous efficacy	44 lm/W
Color temperature	3000 K
Reference control setting of contained light source (Kelvin)	3000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq$ 80
Standard deviation of color matching	$\leq$ 6 sdc _m
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

Dimensions & Weight

Diameter	505.00 mm
Height	140.00 mm
Product weight	2650.00 g



Materials & Colors

Product color	Wood decor Black
Housing color	Wood decor Black
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
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

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

¹⁾ 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
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
	User instruction / safety instructions	ORBIS ALVA 505 36W 830 CLICKDIM
	Legal information	Legal insert residential luminaires
	Declarations of conformity	ORBIS ALISON ORBIS WOODBURRY ORBIS ALICIA ORBIS YUMMY ORBIS LIVIA ORBIS ALVA
	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
4099854284489	Folding box 1	157 mm x 527 mm x 533 mm	3108.00 g	44.10 dm ³
4099854284496	Shipping box 3	543 mm x 493 mm x 558 mm	11157.00 g	149.38 dm ³

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.