PRODUCT DATASHEET
Smart+ Wifi Orbis ZEST RGB 500mm Black

Smart+ Orbis Ceiling ZEST MAGIC RGB | Smart decorative ceiling with main and side light TW RGB and dimmable

Areas of application

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

Product benefits

– Easy and quick installation

Product features

– Tunable White and Magic RGB
– Controllable via voice control available: Google Assistant or Amazon Alexa
– Adjustable color temperature via Tunable White: 2,700…6,500 K
– Dimmable
– Network protocol: WiFi
– Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)
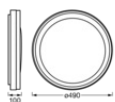
TECHNICAL DATA

Electrical data

Nominal wattage	38.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	220.000 mA
Inrush current time T_{h50}	350 µs
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature circuit breaker C10	5
Max. number of luminaires per miniature circuit breaker C16	8
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	1050 lm
Luminous efficacy	33 lm/W
Color temperature	2700…6500 K
Light color (designation)	RGBTW
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	490.00 mm
Height	100.00 mm
Product weight	2400.00 g

SMART WIFI ORBIS MAGIC
500MM RGBTW ICT

Materials & Colors

Product color	Black
Housing color	Black
Body material	Steel
Cover material	Poly methyl methacrylate (PMMA)|Acrylonitrile butadiene styrene (ABS)
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	Yes
Mounting type	Surface
Application environment	Indoor
With light source	Yes

Lifespan

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

Certificates & Standards

Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Product remark	Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times.

Number of illuminants	empty

EQUIPMENT / ACCESSORIES

– For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

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	SMART WIFI ORBIS ZEST
PDF	User instruction / safety instructions	Safety insert G11222383
PDF	Declarations of conformity	CE Declaration Smart Wifi Orbis Zest
PDF	Declarations of conformity UKCA	UKCA Declaration Smart Wifi Orbis Zest

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854472350	Folding box 1	105 mm x 510 mm x 510 mm	3001.00 g	27.31 dm^3
4099854472367	Shipping box 4	529 mm x 439 mm x 538 mm	13391.00 g	124.94 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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

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