

PRODUCT DATASHEET

Essential Orbis Sparkling 390mm 18W 830 White

Essential Orbis Sparkling | LED ceiling luminaires with sparkling effect



Areas of application

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

Product benefits

- Long lifetime thanks to LED technology
- Excellent price/performance ratio

Product features

- Sparkling main diffuser
- Color temperature: 3,000 K
- Lifetime up to 25,000 h
- Type of protection: IP20



TECHNICAL DATA

Electrical data

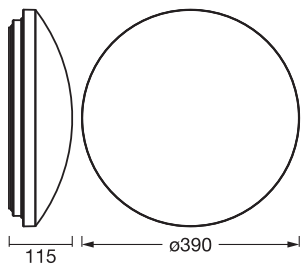
Nominal wattage	18.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	145.000 mA
Inrush current	0.145 A
Inrush current time T _{h50}	4.55 µs
Max. number of luminaires per miniature circuit breaker B16	83
Max. number of luminaires per miniature circuit breaker C10	55
Max. number of luminaires per miniature circuit breaker C16	88
Power factor λ	> 0.5
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	1800 lm
Total luminous flux of contained light sources	2700
Luminous efficacy	100 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc _m
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	130 °

Dimensions & Weight

Diameter	390.00 mm
Height	115.00 mm
Product weight	580.00 g



ORBIS ESS SPARK 390 18W 830
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Materials & Colors

Product color	White
Housing color	White
Body material	Metal
Cover material	Polystyrene (PS)
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	No
Mounting type	Surface
Mounting location	Wall
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	15000

¹⁾ 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 operation test	None
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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.
- 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.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	Orbis Essential Sparkling
	Declarations of conformity	CE Declaration Orbis Essential Sparkling
	Declarations of conformity UKCA	UKCA Declaration Orbis Essential Sparkling

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075855502	Bundle 1	95 mm x 425 mm x 425 mm	588.00 g	17.16 dm ³
4058075855519	Shipping box 4	474 mm x 462 mm x 447 mm	3901.00 g	97.89 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.