

# PRODUCT DATASHEET

## Orbis Slim Moia 280mm 20W Black

CEILING MOIA | LED ceiling luminaires with metal ring



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### Areas of application

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

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### Product benefits

- Very homogenous light
- Elegant design

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### Product features

- Decorative domestic lighting
- Ceiling luminaire with advanced LED technology



## TECHNICAL DATA

### Electrical data

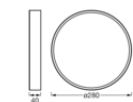
Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	104.000 mA
Inrush current	3 A
Inrush current time $T_{h50}$	100 $\mu$ s
Power factor $\lambda$	> 0.70
Total harmonic distortion	< 70 %
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	1500 lm
Total luminous flux of contained light sources	2200 lm
Luminous efficacy	75 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdcn
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	280.00 mm
Height	40.00 mm
Product weight	685.00 g



ORBIS SLIM MOIA 280MM 20W  
830

Materials & Colors

Product color	Black
Housing color	Black
Body material	Steel
Cover material	Polymethylmethacrylate (PMMA)
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...+60 °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
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

## 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
	User instruction / safety instructions	UI Orbis Moia
	Legal information	Legal insert Orbis Moia
	Declarations of conformity	CE Declaration Orbis Moia 280 and 480
	Declarations of conformity UKCA	UKCA Declaration Orbis Moia 280 and 480

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854092442	Folding box 1	48 mm x 290 mm x 290 mm	809.00 g	4.04 dm <sup>3</sup>
4099854092459	Shipping box 4	310 mm x 215 mm x 320 mm	3685.00 g	21.33 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.