

# PRODUCT DATASHEET

## Orbis Slim Moia 480mm 36W White

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



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## TECHNICAL DATA

### Electrical data

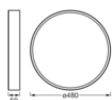
Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	160.000 mA
Inrush current	3 A
Inrush current time $T_{h50}$	100 $\mu$ s
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 70 %
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	2700 lm
Total luminous flux of contained light sources	4500 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 sdc <sub>m</sub>
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	480.00 mm
Height	50.00 mm
Product weight	1970.00 g



ORBIS SLIM MOIA 480MM 36W  
830

### Materials & Colors

Product color	White
Housing color	White
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
LED module replaceable	Not replaceable
With light source	Yes

### 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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## DOWNLOAD DATA

Documents and certificates	Document name
 User Instruction	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
4099854092466	Folding box 1	58 mm x 490 mm x 490 mm	2275.00 g	13.93 dm <sup>3</sup>
4099854092473	Shipping box 4	510 mm x 255 mm x 520 mm	10054.00 g	67.63 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.