

PRODUCT DATASHEET

SMART + WIFI ORBIS Moon 480 BK

SMART+ TUNABLE WHITE | Decorative ceiling luminaires with WiFi technology



Areas of application

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

Product benefits

- Easy and quick installation

Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android 4.4 or iOS 9.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi



TECHNICAL DATA

Electrical data

Nominal wattage	34.00 W
Nominal voltage	220...240 V
Nominal current	150 mA
Mains frequency	50...60 Hz
Power factor λ	> 0.90
Operating mode	Mains voltage

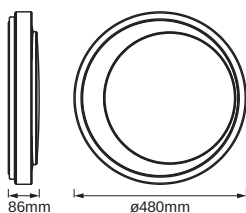
Photometrical data

Light color (designation)	Tunable White
Standard deviation of color matching	< 6 sdcm
Nominal luminous flux	3200 lm
Luminous flux	3200 lm
Luminous efficacy	93 lm/W
Color temperature	3000...6500 K
Color rendering index Ra	> 80

Light technical data

Beam angle	145 °
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Dimensions & Weight



Product weight	1309.00 g
Diameter	480.00 mm
Width	480.00 mm
Height	86.00 mm

Lifespan

Number of switching cycles	15000
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Colors & materials

Product color	Black
Housing color	Black
Body material	Polymethylmethacrylate (PMMA)
Cover material	Polymethylmethacrylate (PMMA)

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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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.
Mounting location	Ceiling

Capabilities

Dimmable	Yes
Type of connection	Screw terminal
Compatible smart home technology	Google Assistant / Amazon Alexa
LED module replaceable	Not replaceable

Certificates & Standards

Standards	CE / EAC / REACH / RoHS
Protection class	I
Type of protection	IP20

Energy labelling regulation data acc EU 2019/2015

Displacement factor	0.90
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EQUIPMENT / ACCESSORIES

- Mounting bracket included
- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART + WiFi App, a smart phone or Tablet PC is required

DOWNLOAD DATA

DOWNLOAD DATA



User instruction
SMART ORBIS CEILING MOON WIFI TW



User instruction
SMART ORBIS MOON



Declarations of conformity
SMART WIFI ORBIS MOON RD 480 TW BK LEDV

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075486386	Folding box 1	542 mm x 118 mm x 544 mm	1775.00 g	34.79 dm ³
4058075516533	Shipping box 3	564 mm x 373 mm x 567 mm	6626.00 g	119.28 dm ³
4058075486393	Shipping box 6	737 mm x 565 mm x 570 mm	11739.00 g	237.35 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.