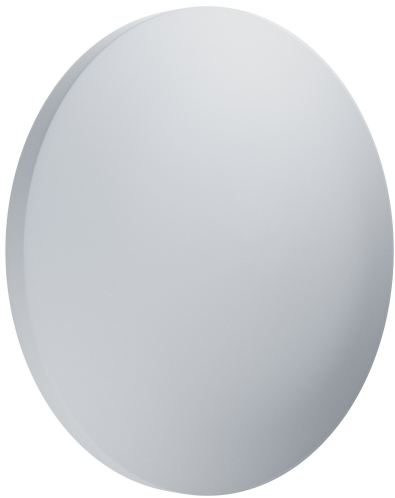# PRODUCT DATASHEET
Orbis Pure 300mm 14.5W

ORBIS® Pure | LED ceiling luminaires

Areas of application

– For indoor use only
– Decorative domestic lighting
– Ceiling and wall surface mounting

Product benefits

– Very homogenous light
– Easy and quick installation

Product features

– Ceiling luminaire with advanced LED technology
– Circular light emission

TECHNICAL DATA

Electrical data

Nominal wattage	14.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	105 mA
Inrush current	6.2 A
Max. no. of lum. on circuit break. B16 A	33
Max. no. of lum. on circuit break. C10 A	32
Max. no. of lum. on circuit break. C16 A	52
Power factor λ	> 0.5
Total harmonic distortion	< 150 %
Protection class	I
Operating mode	External LED driver

Photometrical data

Luminous flux	1100 lm
Total luminous flux of contained light sources	1600 lm
Luminous efficacy	85 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	< 1.0
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °
UGR	22

Dimensions & Weight

Diameter	300 mm
Height	80.00 mm
Product weight	365.00 g

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+70 °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	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

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

Emergency lighting

Type of emergency light operation	Non-maintained
Luminous flux in maintained operation mode	-
Luminous flux in emergency operation mode	-

Certificates & Standards

Standards	CE / UKCA
Luminaire with limited surface temperature, "D sign"	Yes

EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories included

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075651890	Folding box 1	328 mm x 93 mm x 328 mm	529.00 g	10.01 dm³
4058075651906	Shipping box 6	587 mm x 347 mm x 359 mm	3960.00 g	73.12 dm³

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.

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