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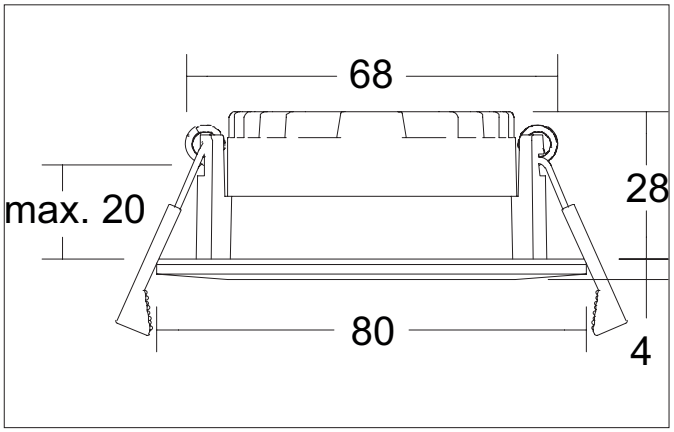
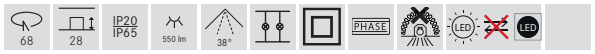
Light. Since 1873.

OBIRA LED recessed downlight, integrated converter trailing edge dimmable, IP65, with connection box

Article no. 12647153





Tender

LED recessed downlight, integrated converter trailing edge dimmable, IP65, with connection box, Round.Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 28 mm, Outer diameter 80 mm, Weight 0,162 kg, Reflector silver with rotattionssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clearLuminous flux 550 lm, Power 1 x 6,9 W, System Efficiency 80 lm/W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate, Colour: nickel matt, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP65. With electronic driver, Trailing-edge phase dimmable.

Product Benefits

- Round recessed downlight made of solid aluminum with polycarbonate cover.
- Protection class IP65 (for installation in closed ceilings).
- Simple and tool-free installation.
- CRI > 80.
- Low installation depth 35 mm, diameter 80 mm, Ceiling cut-out 68 mm.
- Maximum ceiling thickness 20 mm.
- Three surface finishes available.
- With integrated converter (DOB) for connection to 230 V mains voltage.
- Supplied with connection box for quick connection.
- Phase section dimmable.
- Also available in dim2warm version.

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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Article data	
Article no.	12647153
GTIN	4255752501466
Series name	OBIRA
Short description	LED recessed downlight, integrated converter trailing edge dimmable, IP65, with connection box
Material	Aluminium / Polycarbonate
Colour	nickel matt
Type of surface	Matt
Shape	Round
Outer diameter	80 mm
Built-in diameter min.	68 mm
Built-in diameter max.	68 mm
Installation depth	28 mm
Hight	3 mm
Scope of delivery	incl. connection box for through-wiring, 3-pole
Weight	0.162 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light colour	white
Light output	Direct
Luminous flux	550 lm
System efficiency	80 lm/W
Colour rendering	CRI > 80
Reflector	Faceted
Reflector colour	silver
Beam angle	38°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
Voltage type	AC
AC nominal voltage min	230 V
AC nominal voltage max	230 V
Frequency max	50 Hz
Frequency min	50 Hz
Lamp	LED
Protection class	II
Protection class on the ceiling side	IP20
Degree of protection	IP65
Dimmable	Yes
Control	Trailing-edge phase
Bulb change possible	The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person.
Rated life time L70/B50 at 25 °C	50,000 h
Energy efficiency class	not required

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Max. ceiling thickness	15 mm
Further references	No cover with thermal insulation material
Cover	Polycarbonat clear
Suitable for through-wiring	Yes

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Packing data	
Gross weight	0.212 kg
Length of packaging	95 mm
Packaging width	90 mm
Packaging hight	75 mm
Disposal at end of life	This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately. By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment.

Optional accessories
Article no.: 81201150 Reducing ring D 110 mm, for luminaire cut-out size 68 mm Dimensions: 110 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf
Article no.: 81202150 Reducing ring D 130 mm, for luminaire cut-out size 68 mm Dimensions: 130 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf
Article no.: 81203150 Reducing ring D 145 mm, for luminaire cut-out size 68 mm Dimensions: 145 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf
Article no.: 5327 Leaf spring set (2 pieces) https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf

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