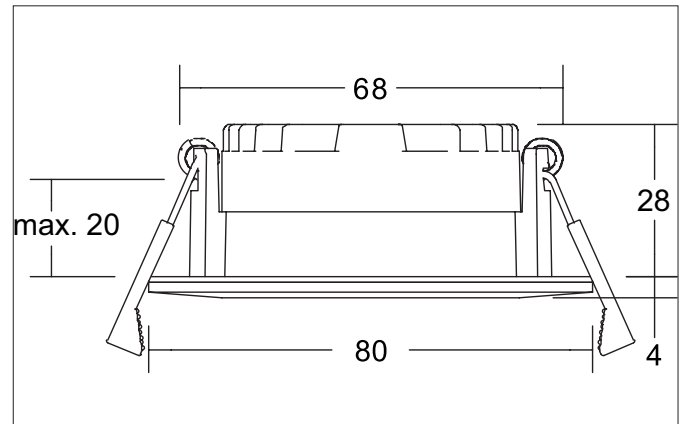


**OBIRA LED recessed downlight, integrated converter trailing edge dimmable, dim2warm, IP65, with connection box**

Article no. 12647183DW

**Tender**

LED recessed downlight, integrated converter trailing edge dimmable, dim2warm, 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 rotationssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear. Luminous flux 420 lm, Power 1 x 7 W, Light colour warm white to warm white, Correlated color temprature (CCT) 3.000 K - 1.800 K, Colour rendering index CRI > 90, Rated life time L70/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate, Colour: Black structure, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP65. With electronic driver, Trailing-edge phase dimmable.

**OBIRA LED recessed downlight, integrated converter trailing edge dimmable, dim2warm, IP65, with connection box**

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**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 > 90.
- 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.
- dim2warm version (3,000 K - 1,800 K): if the luminaire is dimmed, the color temperature is reduced.
- Also available in static 3,000 K.

Article data	
Article no.	12647183DW
GTIN	4255752501602
Series name	OBIRA
Short description	LED recessed downlight, integrated converter trailing edge dimmable, dim2warm, IP65, with connection box
Material	Aluminium / Polycarbonate
Colour	Black
Type of surface	Structure
Shape	Round
Outer diameter	80 mm
Built-in diameter	68 mm
Installation depth	28 mm
Hight	3 mm
Scope of delivery	incl. connection box for through-wiring, 3-pole
Weight	0.162 kg
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K - 1.800 K
Light colour	White
Color Temperature 1	3,000 K
Color Temperature 2	1,800 K
Light output	Direct
Luminous flux	420 lm
Luminous flux 1	420 lm
Luminous flux 2	25 lm
System efficiency	60 lm/W
Colour rendering	CRI > 90
Reflector	Faceted
Reflector colour	silver
Beam angle	38°
Light sharing	Symmetric
Adjustable color temperature	Infinite control

**OBIRA LED recessed downlight, integrated converter trailing edge dimmable, dim2warm, IP65, with connection box**

Article no. 12647183DW

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
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

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
Material cover	Polycarbonat clear
Suitable for through-wiring	Yes

Packing data	
Gross weight	0.212 kg
Length of packaging	95 mm
Packaging width	90 mm
Packaging height	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.: 81201180 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	
<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf</a>	
Article no.: 81202180 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	
<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf</a>	
Article no.: 81203180 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	
<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf</a>	