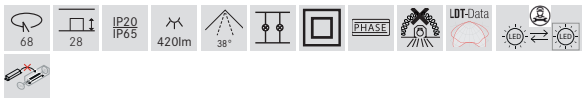
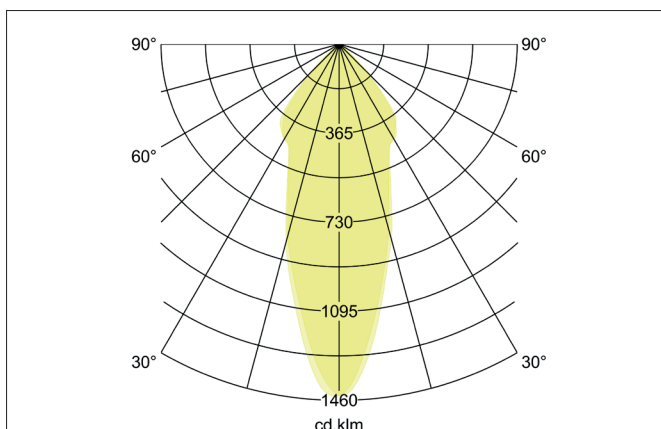
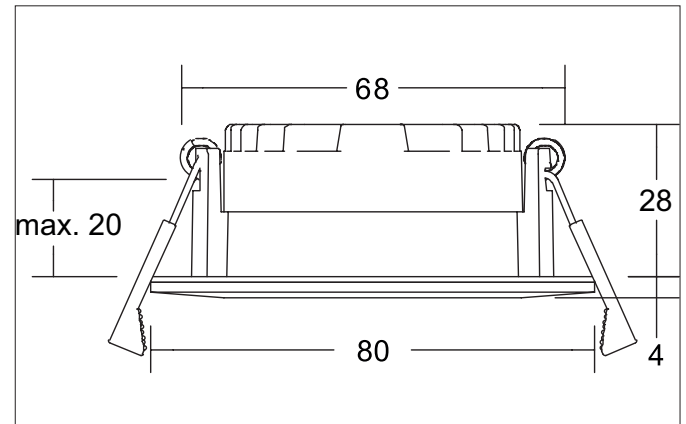


**OBIRA LED-Einbaudownlight, integrierter Konverter (DOB), Phasenabschnitt dimmbar, dim2warm, IP65, mit Anschlussbox**

Article no. 12647173DW

**Tender**

Round LED recessed downlight, integrated converter (DOB), dimmable trailing edge, dim2warm, IP65, with connection box, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 68 mm, installation depth 28 mm, outer diameter 80 mm, weight 0.162 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Cover PC (polycarbonate) transparent, rated luminous flux 420 lm, rated wattage 1 x 7 W, light color warm white to warm white, most similar color temperature (CCT) 3,000 K - 1,800 K, general color rendering index CRI > 90, service life L70/B50 at 25 °C: 50,000 h, housing material: aluminum / polycarbonate, color: textured white, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP65. With electronic control gear, trailing edge dimmable.

**OBIRA LED-Einbaudownlight, integrierter Konverter (DOB), Phasenabschnitt dimmbar, dim2warm, IP65, mit Anschlussbox**  
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**Product Benefits**

- Rundes Einbaudownlight aus massivem Aluminium mit Polycarbonatabdeckung.
- Schutzart IP65 (bei Einbau in geschlossenen Decken).
- Einfache und werkzeuglose Montage.
- CRI > 90.
- Geringe Einbautiefe 28 mm, Durchmesser 80 mm, Deckenausschnitt 68 mm.
- Deckenstärke maximal 20 mm.
- Drei Oberflächenausführungen lieferbar.
- Mit integriertem Konverter (DOB) zum Anschluss an 230 V-Netzspannung.
- Auslieferung mit Anschlussbox zur schnellen Verbindung.
- Phasenabschnitt dimmbar.
- Ausführung dim2warm (3.000 K - 1.800 K): wird die Leuchte gedimmt, verringert sich die Farbtemperatur.
- Auch in statisch 3.000 K lieferbar.

Article data	
Article no.	12647173DW
GTIN	4255752501596
Series name	OBIRA
Short description	LED-Einbaudownlight, integrierter Konverter (DOB), Phasenabschnitt dimmbar, dim2warm, IP65, mit Anschlussbox
Material	Aluminium / Polycarbonate
Colour	White
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	inkl. Anschlussbox zur Durchgangsverdrahtung, 3-polig
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-Einbaudownlight, integrierter Konverter (DOB), Phasenabschnitt dimmbar, dim2warm, IP65, mit Anschlussbox**

Article no. 12647173DW

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	nicht erforderlich

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.: 81201170 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	
<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf</a>	
Article no.: 81202170 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	
<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf</a>	
Article no.: 81203170 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	
<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf</a>	