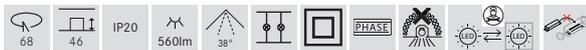
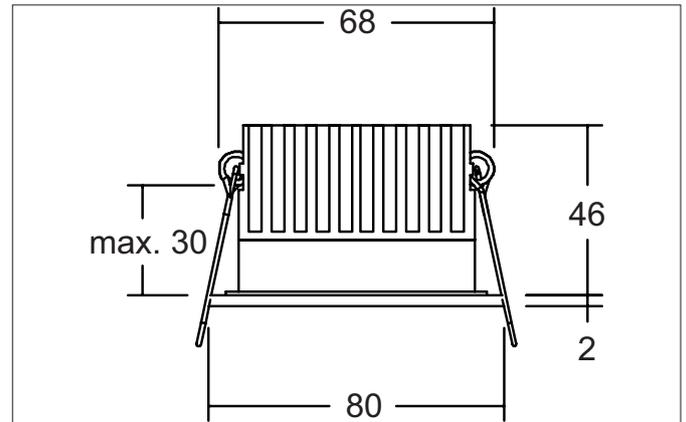



**ODEMAR LED recessed downlight, integrated converter (DOB),
trailing edge dimmable, with connection box**

Article no. 12650173


Tender

LED recessed downlight, integrated converter (DOB), trailing edge dimmable, with connection box, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 46 mm, Outer diameter 80 mm, Weight 0,156 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear Luminous flux 560 lm, Power 1 x 6 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: white structure, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP20. With electronic driver, Trailing-edge phase dimmable.

Product Benefits

- Round recessed downlight made of solid aluminum with polycarbonate cover.
- Simple and tool-free installation.
- CRI > 80.
- Low installation depth 46 mm, diameter 80 mm, Ceiling cut-out 68 mm.
- Maximum ceiling thickness 30 mm.
- Two 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.


ODEMAR LED recessed downlight, integrated converter (DOB), trailing edge dimmable, with connection box

Article no. 12650173

Article data	
Article no.	12650173
GTIN	4255752519683
Series name	ODEMAR
Short description	LED recessed downlight, integrated converter (DOB), trailing edge dimmable, with connection box
Material	Aluminium / Polycarbonate
Colour	white structure
Type of surface	Structure
Shape	Round
Outer diameter	80 mm
Built-in diameter min.	67 mm
Built-in diameter max.	68 mm
Installation depth	46 mm
Hight	2 mm
Scope of delivery	inkl. Anschlussbox zur Durchgangsverdrahtung, 3-polig
Weight	0.156 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light colour	white
Light output	Direct
Luminous flux	560 lm
System efficiency	93 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
Lamp holder	LED
Protection class	II
Degree of protection	IP20
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	30 mm
Further references	No cover with thermal insulation material
Material cover	Polycarbonat clear
Suitable for through-wiring	Yes


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Light. Since 1873.

**ODEMAR LED recessed downlight, integrated converter (DOB),
trailing edge dimmable, with connection box**

Article no. 12650173

Packing data	
Gross weight	0.206 kg
Length of packaging	95 mm
Packaging width	90 mm
Packaging height	75 mm
Disposal at end of life	<p>This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.</p> <p>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.</p>

Optional accessories	
Article no.: 81201170 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	
Dimensions: 110 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf	
Article no.: 81202170 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	
Dimensions: 130 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf	
Article no.: 81203170 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	
Dimensions: 145 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf	