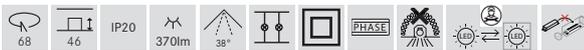
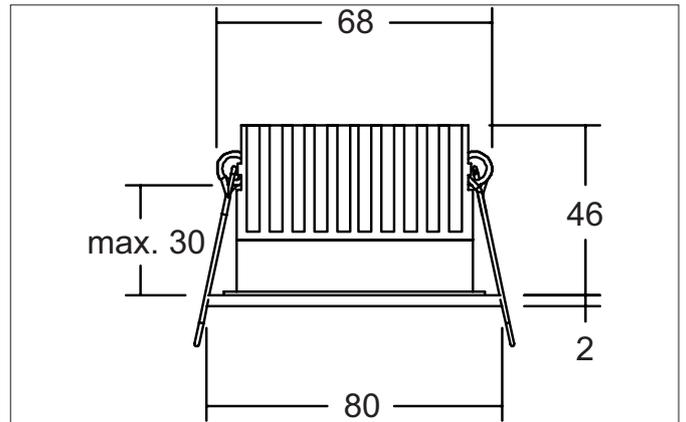




**ODEMAR LED recessed downlight, integrated converter (DOB), trailing edge dimmable, dim2warm, with connection box**  
Article no. 12650183DW



**Tender**

LED recessed downlight, integrated converter (DOB), trailing edge dimmable, dim2warm, 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 370 lm, Power 1 x 6 W, Light colour warm white, Correlated color temprature (CCT) 3.000 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 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**

- Recessed downlight in round design made of massive aluminum.
- Ceiling cutout 68 mm, outer diameter 82 mm, mounting depth 58 mm, luminous flux 600 lm, IP20.
- Recessed light emission for improved glare reduction.
- Dimmable when using a suitable converter.
- Available in the same surface structure and in the same colours also flush swivel (round and square).



**ODEMAR LED recessed downlight, integrated converter (DOB), trailing edge dimmable, dim2warm, with connection box**  
Article no. 12650183DW

Article data	
Article no.	12650183DW
GTIN	4255752519713
Series name	ODEMAR
Short description	LED recessed downlight, integrated converter (DOB), trailing edge dimmable, dim2warm, with connection box
Material	Aluminium / Polycarbonate
Colour	black 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 - 1.800 K
Light colour	white
Light output	Direct
Luminous flux	370 lm
System efficiency	62 lm/W
Colour rendering	CRI > 90
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


**BRUMBERG**

Light. Since 1873.

**ODEMAR LED recessed downlight, integrated converter (DOB), trailing edge dimmable, dim2warm, with connection box**

Article no. 12650183DW

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.: 81201180 Reducing ring D 110 mm, for luminaire cut-out size 68 mm  Dimensions: 110 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  Dimensions: 130 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  Dimensions: 145 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>	