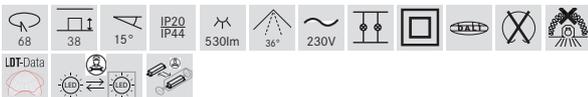
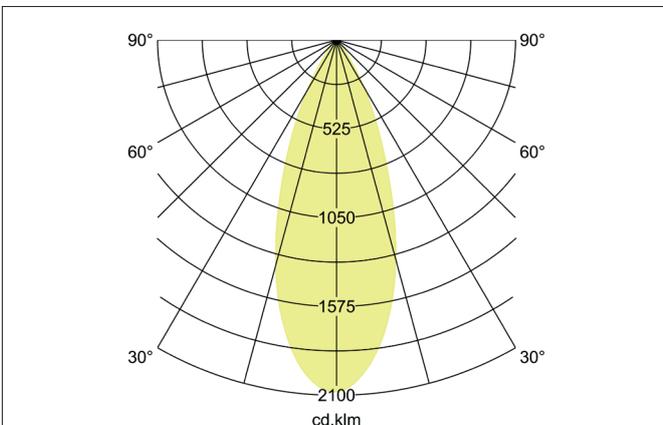
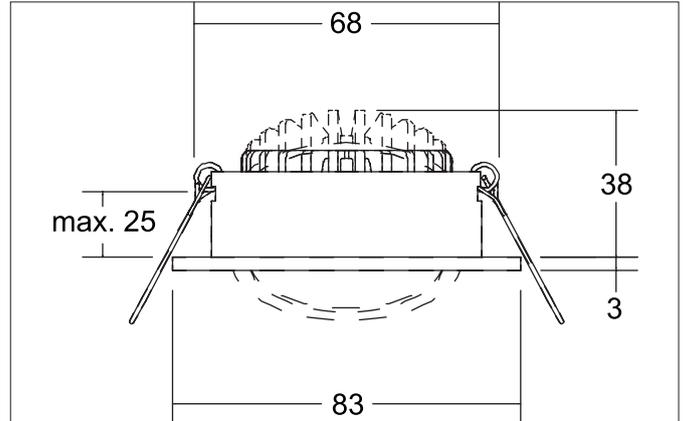


**ABACO-R LED recessed spotlight set, DALI dimmable, dim2warm, IP44**

Article no. 41413173DW



**Tender**  
LED recessed spotlight set, DALI dimmable, dim2warm, IP44, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 38 mm, Outer diameter 83 mm, Weight 0,18 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, transparent. Luminous flux 530 lm, Power 1 x 8 W, Light colour warm white to warm white, Correlated color temperature (CCT) 3.000 K - 1.800 K, Colour rendering index CRI > 90, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Aluminium / PMMA, Colour: white structure, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP44. With electronic driver, DALI-2 dimmable.

**Product Benefits**

- Protection class IP44 for the application location normal area to Damp indoor area
- Standard ceiling cut-out 68 mm - low installation depth 38 mm
- Dimmable via DALI as standard (supplied as a set)
- Dim2warm version


**ABACO-R LED recessed spotlight set, DALI dimmable, dim2warm, IP44**

Article no. 41413173DW

Article data	
Article no.	41413173DW
GTIN	4255752500131
Series name	ABACO-R
Short description	LED recessed spotlight set, DALI dimmable, dim2warm, IP44
Material	Aluminium / PMMA
Colour	white structure
Type of surface	Structure
Shape	Round
Outer diameter	83 mm
Built-in diameter min.	67 mm
Built-in diameter max.	68 mm
Installation depth	38 mm
Height	3 mm
Scope of delivery	incl. connection box, 5-pole for through-wiring
Weight	0.18 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K - 1.800 K
Light colour	white
Color Temperature 1	3,000 K
Light output	Direct
Luminous flux	530 lm
Luminous flux 1	530 lm
System efficiency	66 lm/W
Colour rendering	CRI > 90
Reflector	Faceted
Reflector colour	silver
Beam angle	36°
Light sharing	Symmetric
Adjustable color temperature	Infinite control

Operating technology of the luminaire	
System output	8 W
Voltage type	AC
AC nominal voltage max	230 V
Frequency max	50 Hz
Lamp	LED
Protection class	II
Protection class on the ceiling side	IP20
Degree of protection	IP44
Dimmable	Yes
Control	DALI-2
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 L80/B50 at 25 °C	50.000 h
Energy efficiency class	not required


**ABACO-R LED recessed spotlight set, DALI dimmable, dim2warm, IP44**

Article no. 41413173DW

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Pivoted
Swivel angle	15°
Max. ceiling thickness	25 mm
Further references	No cover with thermal insulation material
Material cover	Plastic, transparent
Circlip	Without circlip
Suitable for through-wiring	Yes

Packing data	
Gross weight	0.24 kg
Length of packaging	105 mm
Packaging width	105 mm
Packaging height	90 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	
Dimensions: 110 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	
Dimensions: 130 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	
Dimensions: 145 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>	
Article no.: 5327 Leaf spring set (2 pieces)	
<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf</a>	