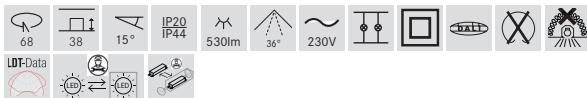
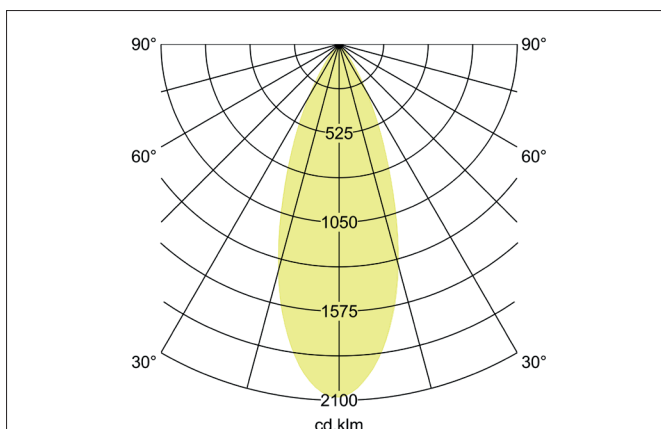
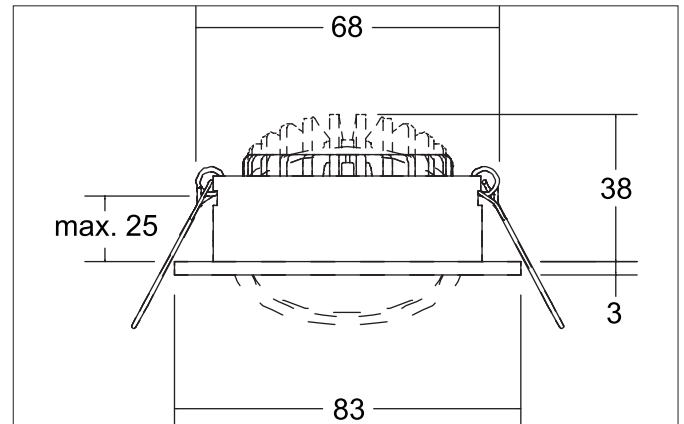


**ABACO-R LED-Einbaustrahler set, DALI dimmbar, dim2warm, IP44,
mit Anschlussbox**
 Article no. 41413183DW



Tender

Round LED recessed spotlight set, DALI dimmable, dim2warm, IP44, with connection box, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 68 mm, installation depth 38 mm, outer diameter 83 mm, weight 0.180 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Transparent plastic cover, rated luminous flux 530 lm, rated wattage 1 x 8 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 L80/B50 at 25 °C: 50,000 h, housing material: aluminum / PMMA, color: textured black, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP44. With electronic control gear, DALI-2 dimmable.

Product Benefits

- Schutzart IP44 für den Anwendungsort Normalbereich bis Feuchtraum Innenbereich
- Standard-Deckenausschnitt 68 mm – geringe Einbautiefe 38 mm
- Serienmäßig über DALI dimmbar (Auslieferung als Set)
- Dim2warm-Ausführung

**ABACO-R LED-Einbaustrahler, DALI dimmbar, dim2warm, IP44,
mit Anschlussbox**

Article no. 41413183DW

Article data	
Article no.	41413183DW
GTIN	4255752500155
Series name	ABACO-R
Short description	LED-Einbaustrahler, DALI dimmbar, dim2warm, IP44, mit Anschlussbox
Material	Aluminium / PMMA
Colour	Black
Type of surface	Structure
Shape	Round
Outer diameter	83 mm
Built-in diameter	68 mm
Installation depth	38 mm
Hight	3 mm
Scope of delivery	inkl. Anschlussbox, 5-polig zur Durchgangsverdrahtung
Weight	0.180 kg
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	nicht erforderlich

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

**ABACO-R LED-Einbaustrahlerset, DALI dimmbar, dim2warm, IP44,
mit Anschlussbox**
 Article no. 41413183DW

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.: 81201180 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf
Article no.: 81202180 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf
Article no.: 81203180 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf