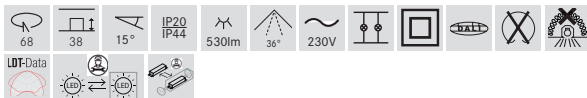
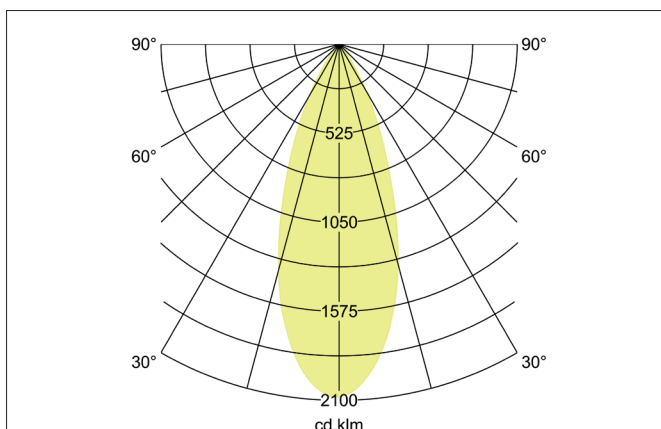
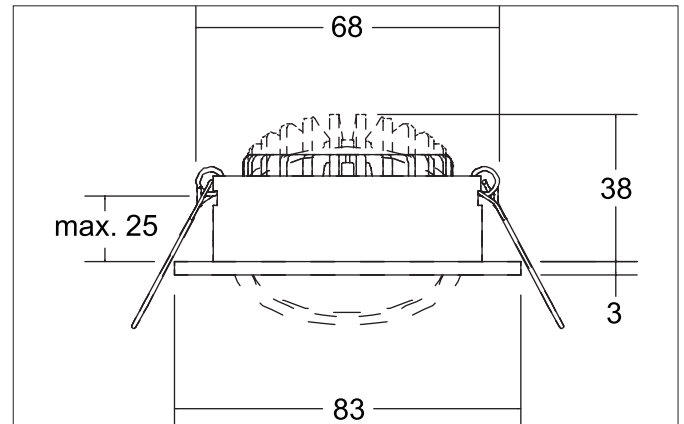


**ABACO-R LED-Einbaustrahler set, DALI dimmbar, dim2warm, IP44,
mit Anschlussbox**
 Article no. 41413153DW



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: nickel, 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. 41413153DW

Article data	
Article no.	41413153DW
GTIN	4255752503330
Series name	ABACO-R
Short description	LED-Einbaustrahler, DALI dimmbar, dim2warm, IP44, mit Anschlussbox
Material	Aluminium / PMMA
Colour	Nickel
Type of surface	Matt
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. 41413153DW

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	<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.: 81201150 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf
Article no.: 81202150 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf
Article no.: 81203150 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf