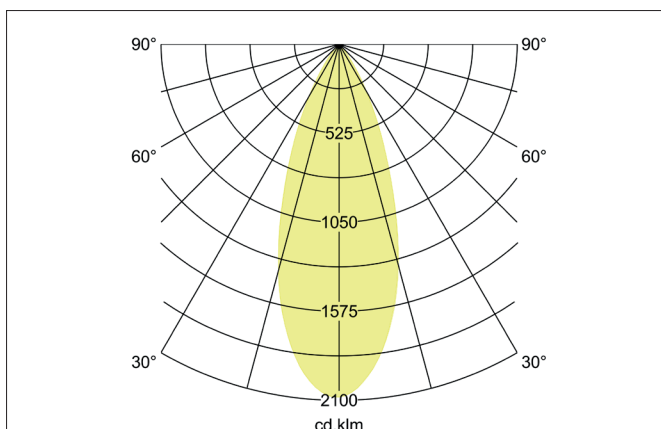
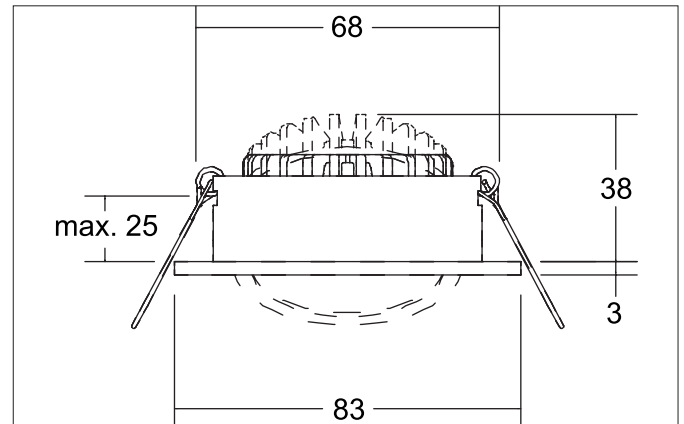


**ABACO LED recessed spotlight set, DALI dimmable, TunableWhite, IP44**

Article no. 41413174TW


**Tender**

LED recessed spotlight set, DALI dimmable, TunableWhite, IP44, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 38 mm, Outer diameter 83 mm, Weight 0,180 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, transparent. Luminous flux 750 lm, Power 1 x 6 W, Light colour warm white to daylight white, Correlated color temprature (CCT) 2.700 - 6.500 K, Colour rendering index CRI 82, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Aluminium / PMMA, Colour: White structure, Permissible ambient temperature (ta): -20 °C - +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)
- TunableWhite version

**ABACO LED recessed spotlight set, DALI dimmable, TunableWhite, IP44**

Article no. 41413174TW

Article data	
Article no.	41413174TW
GTIN	4255752502098
Series name	ABACO
Short description	LED recessed spotlight set, DALI dimmable, TunableWhite, IP44
Material	Aluminium / PMMA
Colour	White
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	incl. connection box, 5-pole for through-wiring
Weight	0.180 kg
Conformance	CE, UKCA

Lighting technology	
Colour temperature	2.700 K - 6.500 K
Light colour	White
Color Temperature 1	3,000 K
Light output	Direct
Luminous flux	750 lm
Luminous flux 1	750 lm
System efficiency	125 lm/W
Colour rendering	CRI 82
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
Degree of protection	IP44
Protection class on the ceiling side	IP20
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

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 LED recessed spotlight set, DALI dimmable, TunableWhite, IP44**

Article no. 41413174TW

Packing data	
Gross weight	0.21 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.: 81201170 Reducing ring D 110 mm, for luminaire cut-out size 68 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	<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	<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>