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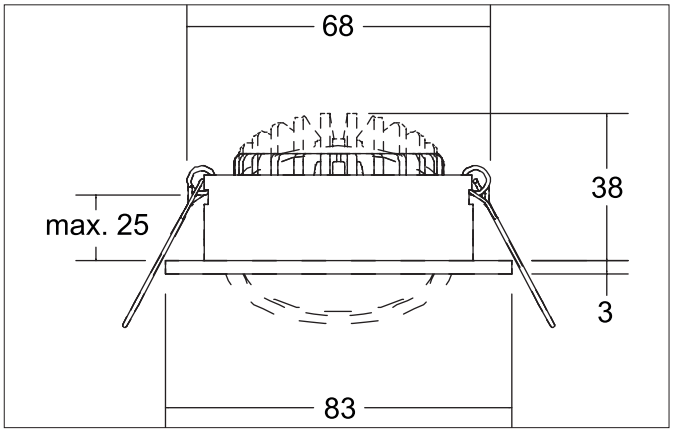
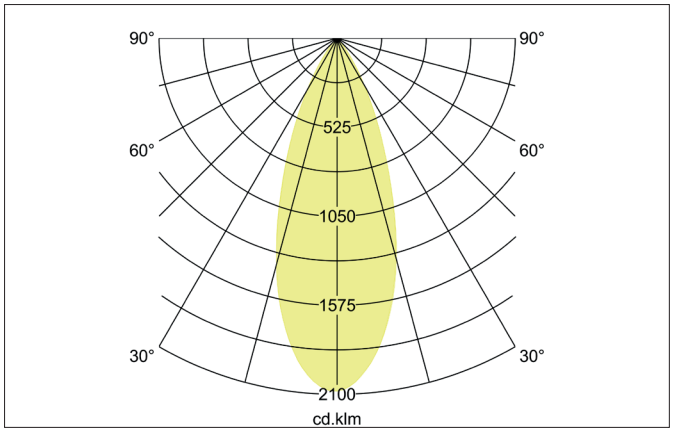
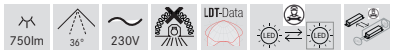
Light. Since 1873.

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

Article no. 41413184TW







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 rotattionssymmetrical, 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: Black 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

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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Article data	
Article no.	41413184TW
GTIN	4255752502104
Series name	ABACO
Short description	LED recessed spotlight set, DALI dimmable, TunableWhite, IP44
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	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

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Packing data	
Gross weight	0.21 kg
Length of packaging	105 mm
Packaging width	105 mm
Packaging hight	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

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