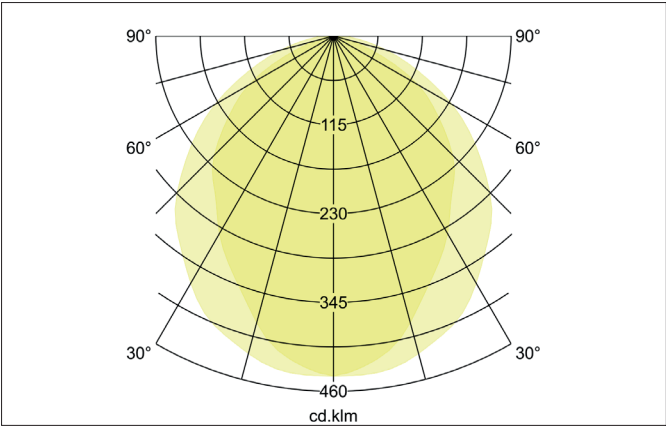
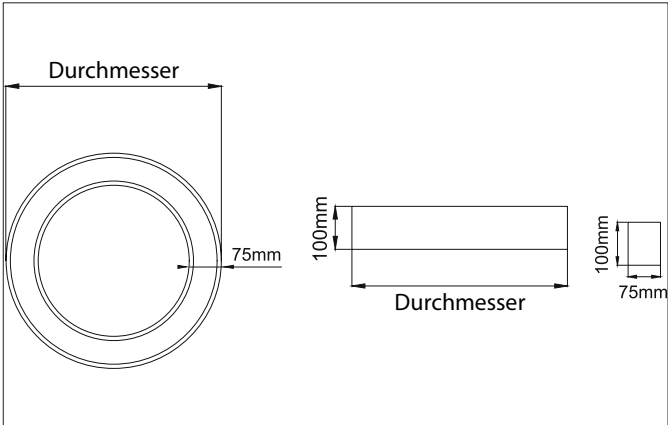


**BIRO CIRCLE LED surface-mounted ring luminaire, DALI dimmable**  
Article no. 13675163

Light.  
For Generations.



**Tender**  
LED surface-mounted ring luminaire, DALI dimmable, Round. Luminaire diameter 450.0 mm, Height 100.0 mm Weight 3.0 kg, with rotations-symmetrical, deep, wide distributed light intensity. optimal light distribution due to a plastic, opal cover. Luminous flux 1.328 lm, Power 1 x 12,5 W, Light colour warm white, Correlated color temperature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 276.000 h, Rated life time L80/B20 at 25 °C: 153.000 h, Housing material: Aluminium / Steel / Plastic, Colour: Silver structure, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP20, .With electronic driver, DALI dimmable.

Article data	
Article no.	13675163
GTIN	4251433939528
Series name	BIRO CIRCLE
Short description	LED surface-mounted ring luminaire, DALI dimmable
Material	Aluminium / Steel / Plastic
Colour	Silver
Type of surface	Structure
Shape	Round
Outer diameter	450 mm
Height	100 mm
Scope of delivery	Incl. converter for connection to the 230-V mains voltage
Weight	3.000 kg

**BIRO CIRCLE LED surface-mounted ring luminaire, DALI dimmable**

Article no. 13675163

Light.  
For Generations.

Lighting technology	
Colour temperature	3.000 K
Light colour	White
Light output	Direct
Luminous flux	1,328 lm
System efficiency	106 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 80
Reflector	Without
Beam angle	110°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
System output	12.5 W
Voltage type	AC
AC nominal voltage max	230 V
Frequenz max.	50 Hz
Lamp	LED
Lamp holder	Without fitting
Protection class	I
Degree of protection	IP20
Control	DALI
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 L70/B50 at 25 °C	276,000 h
Rated life time L80/B20 at 25 °C	153.000 h
Rated life time L90/B10 at 25 °C	74.000 h

Mounting technology	
Mounting method	Surface mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
stamp	UKCA
Material cover	Plastic, opal

Packing data	
Gross weight	3.5 kg
Length of packaging	480 mm
Packaging width	480 mm
Packaging hight	110 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.