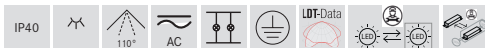
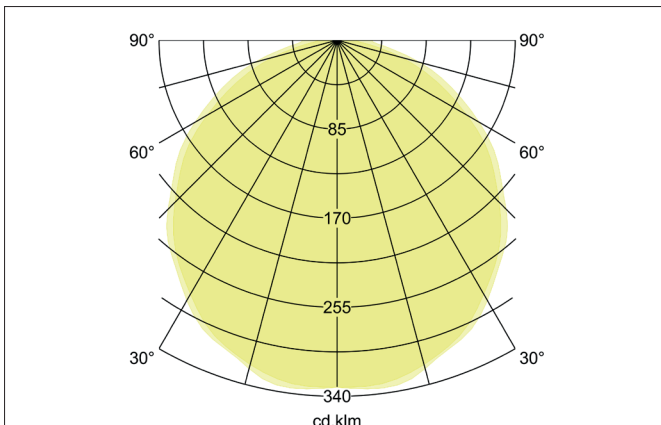


**BIRO CIRCLE LED surface luminaire, on/off switchable**

Article no. 13685183

**Tender**

LED surface luminaire, on/off switchable, Round. Luminaire diameter 450.0 mm, Height 100.0 mm Weight 3.0 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, opal Luminous flux 3.080 lm, Power 1 x 22 W, Light colour warm white, Correlated color temperature (CCT) 3.000 K, Colour rendering index CRI > 90, Rated life time L70/B50 at 25 °C: 50.000 h, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Steel / Plastic, Colour: black structure, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP40. With electronic driver, on/off switchable.

Article data	
Article no.	13685183
GTIN	4251433939580
Series name	BIRO CIRCLE
Short description	LED surface luminaire, on/off switchable
Material	Aluminium / Steel / Plastic
Colour	black structure
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 kg
D licence plate	No
Conformance	CE, UKCA


**BIRO CIRCLE LED surface luminaire, on/off switchable**

Article no. 13685183

Lighting technology	
Colour temperature	3.000 K
Light colour	white
Light output	Direct
Luminous flux	3,080 lm
System efficiency	140 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Reflector	Without
Beam angle	110°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
System output	22 W
Voltage type	AC/DC
AC nominal voltage max	230 V
Frequency max	50 Hz
Lamp	LED
Lamp holder	Without fitting
Protection class	I
Degree of protection	IP40
Dimmable	No
Control	on/off
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	50,000 h
Rated life time L80/B50 at 25 °C	50.000 h
Energy efficiency class	not required

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

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