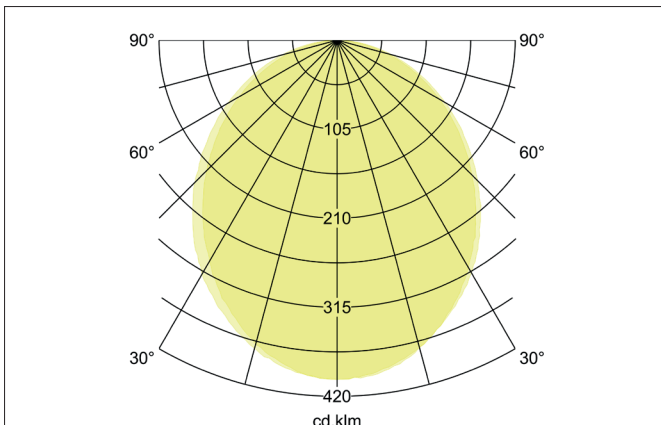
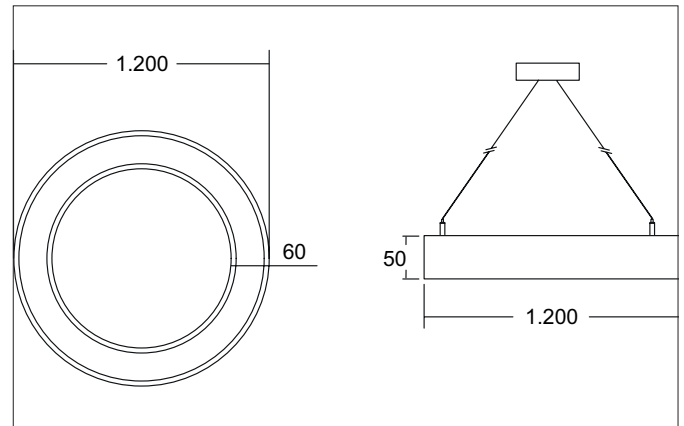
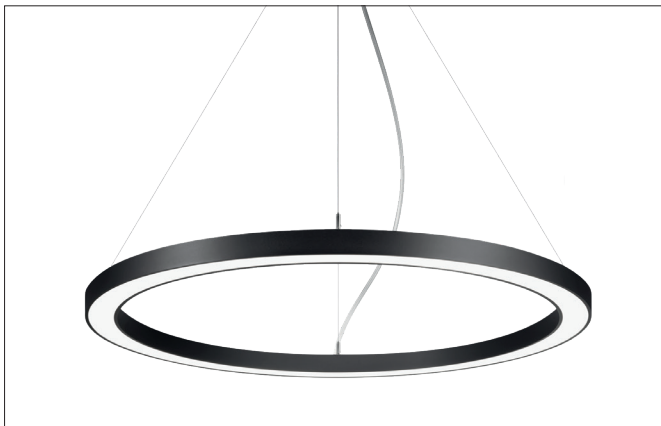



**BIRO CIRCLE LED pendant ring luminaire, direct, dimmable**

Article no. 13833183CA


**Tender**

Round LED pendant ring luminaire, direct, dimmable, luminaire diameter 1200 mm, height 50 mm, for pendant mounting. Pendant length max. 5,000 mm, weight 9.000 kg, with rotationally symmetrical narrow-wide beam light distribution. Opal plastic cover, rated luminous flux 8,046 lm, rated wattage 1 x 78 W, luminaire luminous efficacy 103 lm/W, warm white light color, most similar color temperature (CCT) 3,000 K, general color rendering index CRI > 80, service life L70/B50 at 25 °C: 276.000 h, service life L80/B20 at 25 °C: 153,000 h, housing material: aluminum / steel / plastic, color: textured black, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): I, degree of protection (DIN EN 60529): IP20. With electronic control gear, Casambi dimmable.

Article data	
Article no.	13833183CA
GTIN	4251433966524
Series name	BIRO CIRCLE
Short description	LED pendant ring luminaire, direct, dimmable
Material	Aluminium / Steel / Plastic
Colour	Black
Type of surface	Structure
Shape	Round
Outer diameter	1200 mm
Height	50 mm
Scope of delivery	incl. converter for connection to 230 V mains voltage
Weight	9.000 kg
Conformance	CE, UKCA


**BIRO CIRCLE LED pendant ring luminaire, direct, dimmable**

Article no. 13833183CA

Lighting technology	
Colour temperature	3.000 K
Light colour	White
Light output	Direct
Luminous flux	8,046 lm
System efficiency	103 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	78 W
Voltage type	AC
AC nominal voltage max	230 V
Frequency max	50 Hz
Lamp	LED
Lamp holder	Without fitting
Protection class	I
Degree of protection	IP20
Control	Casambi
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
Energy efficiency class	nicht erforderlich

Mounting technology	
Mounting method	Suspended
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Pendulum length max.	5,000 mm
Pendant length single suspension	500 - 5.000 mm
Pendulum length centre canopy	1000 - 10000 mm
Number of cable suspensions	4
Material cover	Plastic, opal

Packing data	
Gross weight	10.5 kg
Length of packaging	1,230 mm
Packaging width	1,230 mm
Packaging height	60 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>