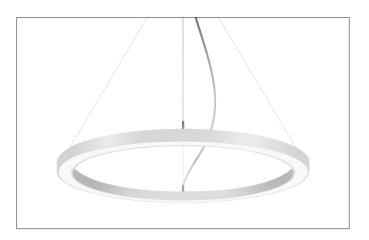
BRUMBERG

BIRO CIRCLE LED pendant ring luminaire, direct/indirect, dimmable Article no. 13853173CA

Light. For Generations.













LED pendant ring luminaire, direct/indirect, dimmable, Round. Luminaire diameter 1200.0 mm, Hight 50.0 mm, for pendulum mounting. Pendulum length max. 5000.0 mm Weight 9.0 kg, with rotattionssymmetrical, deep, wide distributed light intensity. optimal light distribution due to a plastic, opal cover. Luminous flux 13.850 lm, Power 117 W, System Efficiency 118 lm/W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 276000 h, Rated life time L80/B20 at 25 °C: 153000 h, Housing material: Aluminium / Steel / Plastic, Colour: White structure, Permissible ambient temperature (ta): -20 °C -+25 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP20. With electronic driver, Casambi dimmable.

Article data	
Article no.	13853173CA
GTIN	4251433968061
Series name	BIRO CIRCLE
Short description	LED pendant ring luminaire, direct/indirect, dimmable
Material	Aluminium / Steel / Plastic
Colour	White
Type of surface	Structure
Shape	Round
Outer diameter	1200 mm
Hight	50 mm
Scope of delivery	incl. converter for connection to 230 V mains voltage
Weight	9.000 kg

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Article no. 13853173CA

Light. For Generations.

Lighting technology	
Colour temperature	3000 K
Light colour	White
Light output	Direct/Indirect
Luminous flux	13,850 lm/m
Lichtstromanteil (direkt / indirekt)	70/30 %
System efficiency	118 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 80
Reflector	Without
Beam angle	110°
Light sharing	Symmetric

Operating technology of the luminaire	
System output	117 W
Voltage type	AC
AC nominal voltage max	230 V
Frequenz max.	50 Hz
Lamp	LED
Protection class	
Degree of protection	IP20
Control	Casambi
Bulb change possible	Yes
Rated life time L70/B50 at 25 °C	276000 h
Rated life time L80/B20 at 25 °C	153000 h
Rated life time L90/B10 at 25 °C	74000 h

Mounting technology	
Mounting method	Suspended
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Pendulum length max.	5,000 mm
Material cover	Plastic, opal

Packing data	
Gross weight	10.5 kg
Length of packaging	1,230 mm
Packaging width	1,230 mm
Packaging hight	60 mm
	This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.
Disposal at end of life	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.