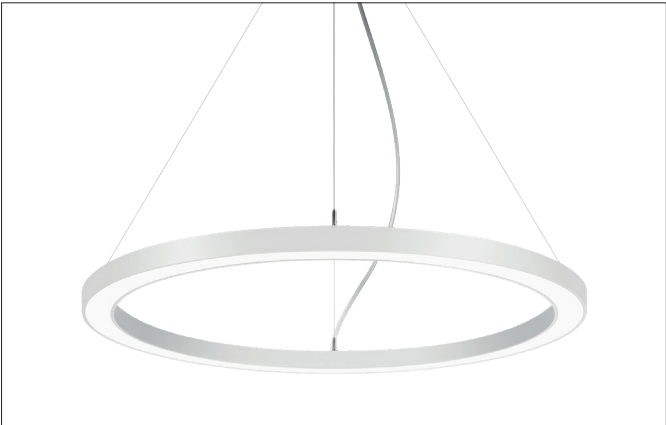


**BIRO CIRCLE LED pendant ring luminaire, direct/indirect, dimmable**  
Article no. 13856179CA

Light.  
For Generations.



| Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| LED pendant ring luminaire, direct/indirect, dimmable, Round. Luminaire diameter 2000.0 mm, Hight 50.0 mm, for pendulum mounting. Pendulum length max. 5000.0 mm Weight 15.0 kg, with rotationssymmetrical, deep, wide distributed light intensity. optimal light distribution due to a plastic, opal cover. Luminous flux 35.136 lm, Power 254 W, System Efficiency 277 lm/W, Light colour warm white to daylight white, Correlated color temprature (CCT) 2.700 - 6.500 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, Tunable White/RGBW-Casambi dimmable. |  |

| Article data      |                                                       |
|-------------------|-------------------------------------------------------|
| Article no.       | 13856179CA                                            |
| GTIN              | 4251433969112                                         |
| 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    | 2000 mm                                               |
| Hight             | 50 mm                                                 |
| Scope of delivery | incl. converter for connection to 230 V mains voltage |
| Weight            | 15.000 kg                                             |

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

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Light.  
For Generations.

| Lighting technology                  |                     |
|--------------------------------------|---------------------|
| Colour temperature                   | 2.700 K bis 6.500 K |
| Light colour                         | White               |
| Light output                         | Direct/Indirect     |
| Luminous flux                        | 35,136 lm           |
| Lichtstromanteil (direkt / indirekt) | 70/30 %             |
| System efficiency                    | 277 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                         | 254 W                                                                                                                                                    |
| Voltage type                          | AC                                                                                                                                                       |
| AC nominal voltage max                | 230 V                                                                                                                                                    |
| Frequenz max.                         | 50 Hz                                                                                                                                                    |
| Lamp                                  | LED                                                                                                                                                      |
| Protection class                      | I                                                                                                                                                        |
| Degree of protection                  | IP20                                                                                                                                                     |
| Control                               | Tunable White/RGBW-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      | 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   |
| Anzahl der Seilabhängung | 6               |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 17 kg                                                                                                                                                                                                                                                                                                                                                               |
| Length of packaging     | 2,030 mm                                                                                                                                                                                                                                                                                                                                                            |
| Packaging width         | 2,030 mm                                                                                                                                                                                                                                                                                                                                                            |
| Packaging height        | 60 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.<br>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. |