



**BIRO CIRCLE LED pendant ring light, direct, dimmable**  
Article no. 13558178



**Tender**  
Round LED pendant ring luminaire, direct/indirect, dimmable, luminaire diameter 2500 mm, height 100 mm, for pendant mounting. Pendant length max. 5,000 mm Weight 19.500 kg, with rotationally symmetrical narrow-wide beam light distribution. Opal plastic cover, rated luminous flux 30,577 lm, rated wattage 1 x 249 W, light color warm white to daylight white, most similar color temperature (CCT) 2,700 - 6,500 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 white, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): I, degree of protection (DIN EN 60529): IP20. With electronic control gear, DALI-DT8 dimmable.

| Article data      |                                                       |
|-------------------|-------------------------------------------------------|
| Article no.       | 13558178                                              |
| GTIN              | 4251433965336                                         |
| Series name       | BIRO CIRCLE                                           |
| Short description | LED pendant ring light, direct, dimmable              |
| Material          | Aluminium / Steel / Plastic                           |
| Colour            | White                                                 |
| Type of surface   | Structure                                             |
| Shape             | Round                                                 |
| Outer diameter    | 2500 mm                                               |
| Height            | 100 mm                                                |
| Scope of delivery | incl. converter for connection to 230 V mains voltage |
| Weight            | 19.500 kg                                             |
| Conformance       | CE, UKCA                                              |


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| Lighting technology                         |                   |
|---------------------------------------------|-------------------|
| Colour temperature                          | 2.700 K - 6.500 K |
| Light colour                                | White             |
| Light output                                | Direct/Indirect   |
| Luminous flux                               | 30,577 lm         |
| Luminous flux component (direct / indirect) | 70/30 %           |
| System efficiency                           | 123 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                         | 249 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                               | DALI-DT8                                                                                                                                                 |
| 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      | 6               |
| Material cover                   | Plastic, opal   |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 21.5 kg                                                                                                                                                                                                                                                                                                                                                                        |
| Length of packaging     | 2,200 mm                                                                                                                                                                                                                                                                                                                                                                       |
| Packaging width         | 2,200 mm                                                                                                                                                                                                                                                                                                                                                                       |
| Packaging height        | 350 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> |