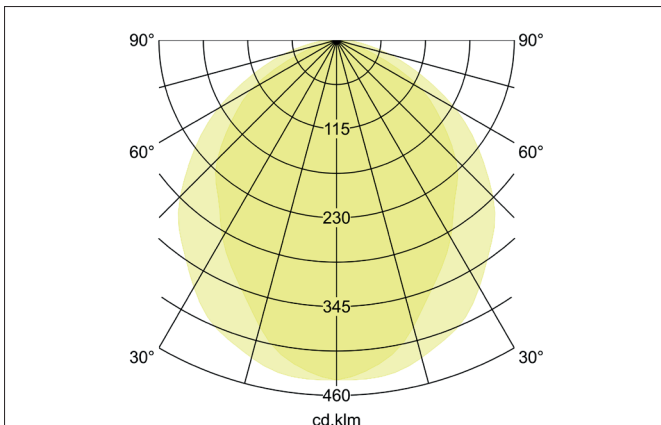
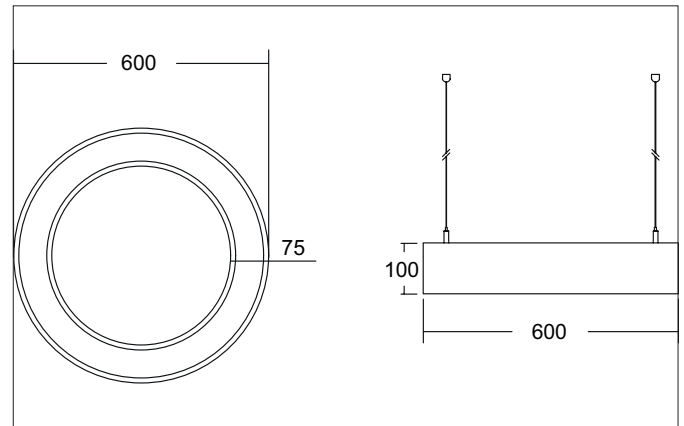


**BIRO CIRCLE LED pendant ring light, direct, dimmable**

Article no. 13550188

Light.  
For Generations.**Tender**

LED pendant ring light, direct, dimmable, Round. Ceiling cut-out Installation depth mm, Outer diameter 600 mm, Weight 4,500 kg, with rotationssymmetrical, deep, wide distributed light intensity. optimal light distribution due to a plastic, opal cover. Luminous flux 8.228 lm, Power 1 x 60 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: 276.000 h, Rated life time L80/B20 at 25 °C: 153.000 h, Housing material: Aluminium / Steel / Plastic, Colour: Black 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-DALI dimmable.

| Article data      |                                                       |
|-------------------|-------------------------------------------------------|
| Article no.       | 13550188                                              |
| GTIN              | 4251433963257                                         |
| Series name       | BIRO CIRCLE                                           |
| Short description | LED pendant ring light, direct, dimmable              |
| Material          | Aluminium / Steel / Plastic                           |
| Colour            | Black                                                 |
| Type of surface   | Structure                                             |
| Shape             | Round                                                 |
| Outer diameter    | 600 mm                                                |
| Height            | 100 mm                                                |
| Scope of delivery | incl. converter for connection to 230 V mains voltage |
| Weight            | 4.500 kg                                              |

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

Article no. 13550188

Light.  
For Generations.

| Lighting technology                  |                     |
|--------------------------------------|---------------------|
| Colour temperature                   | 2.700 K bis 6.500 K |
| Light colour                         | White               |
| Light output                         | Direct/Indirect     |
| Luminous flux                        | 8,228 lm            |
| Lichtstromanteil (direkt / indirekt) | 70/30 %             |
| System efficiency                    | 137 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                         | 60 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-DALI                                                                                                                                       |
| 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                                                                                                                                                 |

| 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 Seilabhngung | 3               |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 5.2 kg                                                                                                                                                                                                                                                                                                                                                              |
| Length of packaging     | 630 mm                                                                                                                                                                                                                                                                                                                                                              |
| Packaging width         | 630 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.<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. |