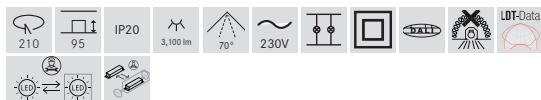
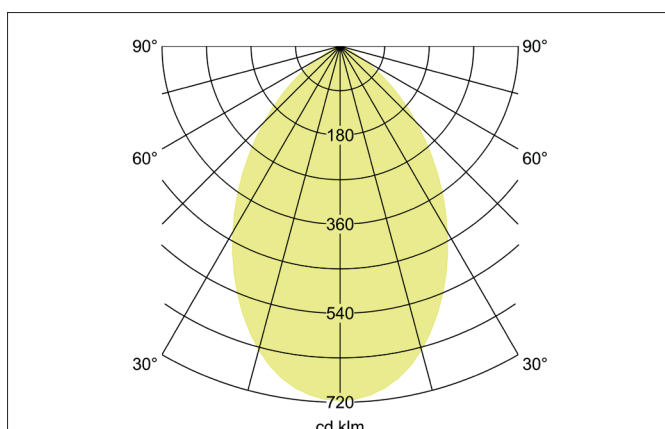
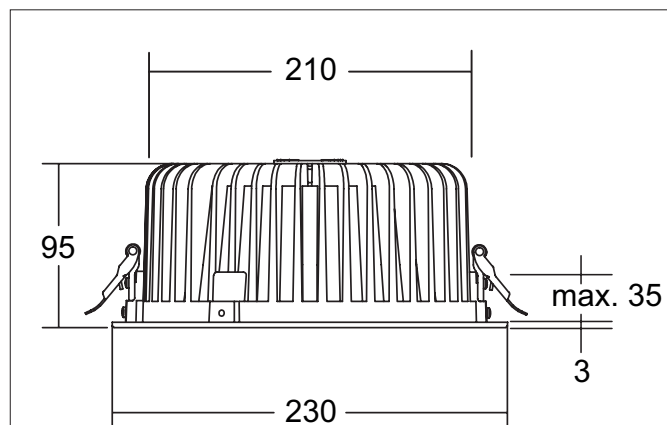



**KACIE MAXI LED recessed downlight, DALI dimmable**

Article no. 12553183


**Tender**

LED recessed downlight, DALI dimmable, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 210 mm, Installation depth 95 mm, Outer diameter 230 mm, Weight 1,221 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover polycarbonat opal luminous flux 3.100 lm, UGR < 22, Power 1 x 34 W, Light colour warm white, Correlated color temperature (CCT) 3.000 K, Colour rendering index CRI > 90, Rated life time L70/B10 at 25 °C: 50.000 h, Rated life time L70/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate / Steel, Colour: black structure, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP20. With electronic driver, DALI-2 dimmable.

**Product Benefits**

- Round recessed downlight made of massive aluminum with generously dimensioned thermal management.
- High-quality reflector and additional recessed opal diffusing lens made of polycarbonate.
- Easy and tool-free mounting.
- CRI > 90, UGR < 22 (on request also in UGR < 19).
- Low installation depth of 95 mm - diameter of 230 mm, ceiling cut-out 210 mm.
- DALI dimmable.


**KACIE MAXI LED recessed downlight, DALI dimmable**

Article no. 12553183

| Article data           |                                                                        |
|------------------------|------------------------------------------------------------------------|
| Article no.            | 12553183                                                               |
| GTIN                   | 4251433937845                                                          |
| Series name            | KACIE MAXI                                                             |
| Short description      | LED recessed downlight, DALI dimmable                                  |
| Material               | Aluminium / Polycarbonate / Steel                                      |
| Colour                 | black structure                                                        |
| Type of surface        | Structure                                                              |
| Shape                  | Round                                                                  |
| Outer diameter         | 230 mm                                                                 |
| Built-in diameter min. | 195 mm                                                                 |
| Built-in diameter max. | 210 mm                                                                 |
| Installation depth     | 95 mm                                                                  |
| Hight                  | 3 mm                                                                   |
| Scope of delivery      | incl. converter for connection to 230 V mains voltage, DALI-2 dimmable |
| Weight                 | 1.221 kg                                                               |
| D licence plate        | No                                                                     |
| Conformance            | CE, UKCA                                                               |

| Lighting technology          |           |
|------------------------------|-----------|
| Colour temperature           | 3.000 K   |
| Light colour                 | white     |
| Light output                 | Direct    |
| Luminous flux                | 3,100 lm  |
| System efficiency            | 91 lm/W   |
| Colour rendering             | CRI > 90  |
| Reflector                    | Faceted   |
| Reflector colour             | silver    |
| Beam angle                   | 70°       |
| Glare evaluation             | UGR < 22  |
| Light sharing                | Symmetric |
| Adjustable color temperature | No        |

| Operating technology of the luminaire |                                                                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| System output                         | 34 W                                                                                                                                                     |
| Voltage type                          | AC                                                                                                                                                       |
| AC nominal voltage max                | 230 V                                                                                                                                                    |
| Frequency max                         | 50 Hz                                                                                                                                                    |
| Lamp                                  | LED                                                                                                                                                      |
| Protection class                      | II                                                                                                                                                       |
| Degree of protection                  | IP20                                                                                                                                                     |
| Dimmable                              | Yes                                                                                                                                                      |
| Control                               | DALI-2                                                                                                                                                   |
| 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      | 50,000 h                                                                                                                                                 |
| Energy efficiency class               | not required                                                                                                                                             |


**KACIE MAXI LED recessed downlight, DALI dimmable**

Article no. 12553183

| Operating technology of driver |                             |
|--------------------------------|-----------------------------|
| Article No. of used driver     | 04355300                    |
| Length                         | 97 mm                       |
| Width                          | 43 mm                       |
| Hight                          | 30 mm                       |
| AC nominal voltage min         | 198 V                       |
| AC nominal voltage max         | 264 V                       |
| Frequency max                  | 60 Hz                       |
| Dimmable                       | Yes                         |
| Control                        | DALI-2                      |
| Starting current               | 5,33 A, 42 µs               |
| Power                          | 38 W                        |
| Output current from            | 650 mA                      |
| Output current up to           | 1050 mA                     |
| Output current settings        | 650, 750, 850, 950, 1050 mA |
| Degree of protection           | IP20                        |
| Protection class               | II                          |
| stamp                          | ENEC EL                     |

| Mounting technology         |                                           |
|-----------------------------|-------------------------------------------|
| Mounting method             | Recessed mounting                         |
| Place of installation       | Ceiling-mounted                           |
| Adjustability               | Not adjustable                            |
| Max. ceiling thickness      | 35 mm                                     |
| Further references          | No cover with thermal insulation material |
| Cover                       | Polycarbonat opal                         |
| Suitable for through-wiring | Yes, with optional accessories            |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 1.456 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 295 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 255 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging hight         | 145 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> |

| Optional accessories                                                                                                                                                                                                                                                                       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Article no.: 81027180<br>Reducing ring for recessed downlight<br><br>Dimensions: 300 mm x 1.5 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81027180_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81027180_2021_DE.pdf</a>                  |  |
| Article no.: 83331000<br>Connection box 230 V AC, 5-pole (DALI / 1-10 V)<br><br>Dimensions: 90 mm x 52 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_83331000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_83331000_2021_DE.pdf</a> |  |