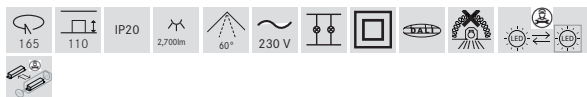
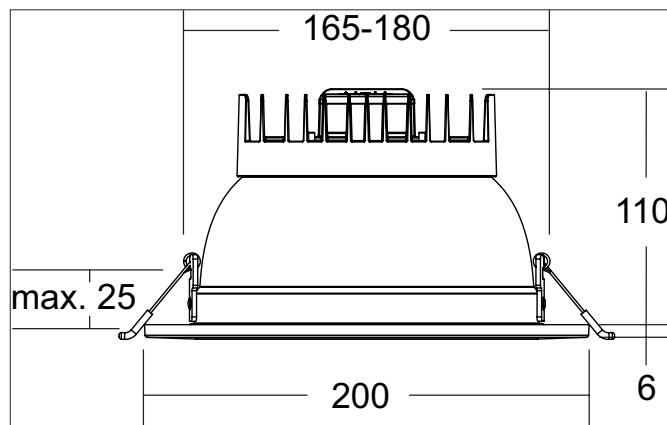




**MUNA PRO MIDI LED recessed downlight, 5CCT, UGR<19, DALI dimmable, reflector silver, faceted**  
Article no. 12765073



**Tender**

Round LED recessed downlight, 5CCT, UGR<19, DALI dimmable, silver reflector, faceted, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 165 mm, installation depth 110 mm, outer diameter 200 mm, weight 0.704 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Structured plastic cover, rated luminous flux 2,700 lm, UGR < 19, rated wattage 1 x 28 W, light color warm white to daylight white, most similar color temperature (CCT) 2,700 - 5,700 K, general color rendering index CRI > 90, service life L70/B10 at 25 °C: 80,000 h, service life L70/B50 at 25 °C: 50,000 h, service life L80/B50 at 25 °C: 50,000 h, housing material: aluminum / polycarbonate / steel, color: white matt, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP20. With electronic control gear, DALI-2 dimmable.



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**Product Benefits**

- Rundes Einbaudownlight aus Aluminium mit großzügig dimensioniertem Wärmemanagement.
- 5CCT: 2.700 K, 3.000 K, 3.500 K, 4.000 K oder 5.700 K einstellbar.
- Hochwertiger Aluminiumreflektor mit Linse.
- Einfache und werkzeuglose Montage.
- UGR < 19.
- Geringe Einbautiefe von 120 mm, Durchmesser von 232 mm, Deckenausschnitt 195-210 mm.
- DALI dimmbar.
- Abdeckring abnehmbar und gegen schwarzen Ring austauschbar (separates Zubehör).
- Ring in rund schwarz oder rund weiß auch mit zusätzlichem, abgehängtem Floatglas (teilmattiert) lieferbar (separates Zubehör).
- Abdeckrahmen auch in quadratisch in schwarz oder weiss statt rund lieferbar (separates Zubehör).

| Article data       |                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article no.        | 12765073                                                                                                                                                  |
| GTIN               | 4255752524779                                                                                                                                             |
| Series name        | MUNA PRO MIDI                                                                                                                                             |
| Short description  | LED recessed downlight, 5CCT, UGR<19, DALI dimmable, reflector silver, faceted                                                                            |
| Material           | Aluminium / Polycarbonate / Steel                                                                                                                         |
| Colour             | white matt                                                                                                                                                |
| Type of surface    | Matt                                                                                                                                                      |
| Shape              | Round                                                                                                                                                     |
| Outer diameter     | 200 mm                                                                                                                                                    |
| Built-in diameter  | 165 mm                                                                                                                                                    |
| Installation depth | 110 mm                                                                                                                                                    |
| Hight              | 6.5 mm                                                                                                                                                    |
| Scope of delivery  | inkl. Konverter zum Anschluss an 230 V-Netzspannung, DALI dimmbar mit Schalter zur Farbtemperaturauswahl: 2.700 K / 3.000 K / 3.500 K / 4.000 K / 5.700 K |
| Weight             | 0.704 kg                                                                                                                                                  |
| Conformance        | CE, UKCA                                                                                                                                                  |

| Lighting technology          |                                                 |
|------------------------------|-------------------------------------------------|
| Colour temperature           | 2.700 K / 3.000 K / 3.500 K / 4.000 K / 5.700 K |
| Light colour                 | white                                           |
| Color Temperature 1          | 2,700 K                                         |
| Color Temperature 2          | 3,000 K                                         |
| Color Temperature 3          | 3,500 K                                         |
| Color Temperature 4          | 4,000 K                                         |
| Farbtemperatur 5             | 5,700 K                                         |
| Light output                 | Direct                                          |
| Luminous flux                | 2,700 lm                                        |
| Luminous flux 1              | 2,160 lm                                        |
| Luminous flux 2              | 2,190 lm                                        |
| Luminous flux 3              | 2,320 lm                                        |
| Luminous flux 4              | 2,420 lm                                        |
| Lichtstrom 5                 | 2,700 lm                                        |
| System efficiency            | 96 lm/W                                         |
| Colour rendering             | CRI > 90                                        |
| Reflector                    | Faceted                                         |
| Reflector colour             | silver                                          |
| Beam angle                   | 60°                                             |
| Glare evaluation             | UGR < 19                                        |
| Light sharing                | Symmetric                                       |
| Adjustable color temperature | Stages                                          |



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| Operating technology of the luminaire |                                                                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| System output                         | 28 W                                                                                                                                                     |
| Voltage type                          | AC                                                                                                                                                       |
| AC nominal voltage max                | 230 V                                                                                                                                                    |
| Frequency max                         | 50 Hz                                                                                                                                                    |
| Lamp                                  | LED                                                                                                                                                      |
| Lamp holder                           | Without fitting                                                                                                                                          |
| 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                                                                                                                                                 |
| Rated life time L80/B50 at 25 °C      | 50.000 h                                                                                                                                                 |
| Energy efficiency class               | nicht erforderlich                                                                                                                                       |

| Mounting technology         |                                           |
|-----------------------------|-------------------------------------------|
| Mounting method             | Recessed mounting                         |
| Place of installation       | Ceiling-mounted                           |
| Adjustability               | Not adjustable                            |
| Max. ceiling thickness      | 25 mm                                     |
| Further references          | No cover with thermal insulation material |
| Material cover              | Plastic, structured                       |
| Suitable for through-wiring | Yes, with optional accessories            |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.895 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 220 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 220 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging height        | 120 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> |



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**Optional accessories**

Article no.: 81217070

Cover frame, square, for 12565

Dimensions: 200 mm x 200 mm x 6.5 mm

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Article no.: 81217080

Cover frame, square, for 12565

Dimensions: 200 mm x 200 mm x 6.5 mm

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Article no.: 81212080

Cover ring, round, for 12565

Dimensions: 200 mm x 6.5 mm

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Article no.: 81222070

Cover ring, round, with suspended float glass, partially frosted, for 12565

Dimensions: 200 mm x 26 mm

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Article no.: 81222080

Cover ring, round, with suspended float glass, partially frosted, for 12565

Dimensions: 200 mm x 26 mm

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