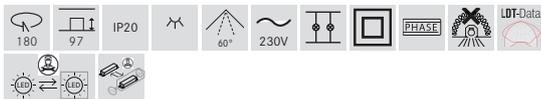
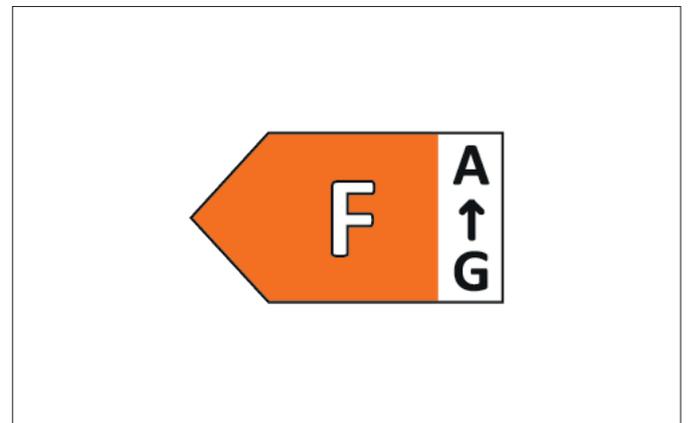
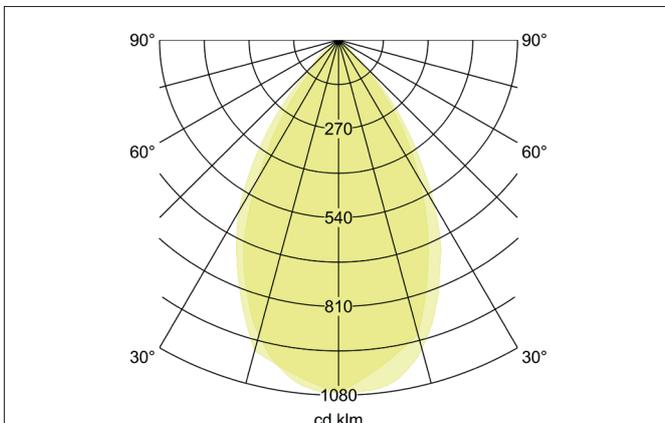
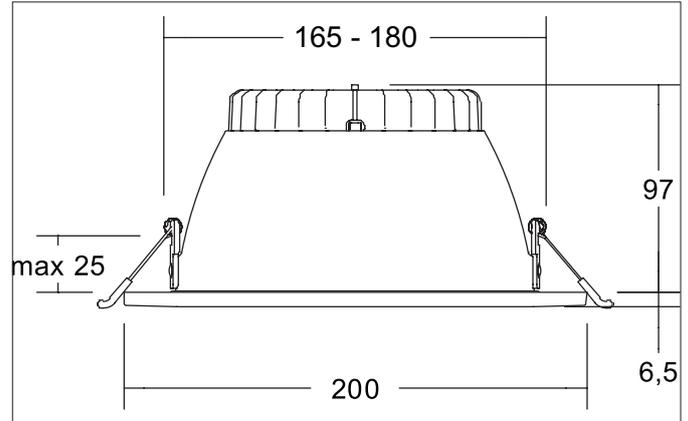




MUNA MIDI LED recessed downlight, 3CCT, UGR < 19, trailing edge dimmable, reflector silver, bevelled
Article no. 12565073



Tender

LED recessed downlight, 3CCT, UGR < 19, trailing edge dimmable, reflector silver, bevelled, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 180 mm, Installation depth 97 mm, Outer diameter 200 mm, Weight 0,475 kg, Reflector silver with rotational-symmetrical, deep, wide distributed light intensity. Cover polycarbonate opal. Luminous flux 2.400 - 2.800 lm, UGR < 19, Power 1 x 28 W, System Efficiency 100 lm/W, Light colour warm white to daylight white, Correlated color temperature (CCT) 3.000 - 5.700 K, Colour rendering index CRI > 80, Rated life time L70/B10 at 25 °C: 80.000 h, Rated life time L70/B50 at 25 °C: 50.000 h, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate / Steel, Colour: white matt, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP20. With electronic driver, Trailing-edge phase dimmable.


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Product Benefits

- Round recessed downlight made of aluminum with generously dimensioned thermal management.
- 3CCT: 3,000 K, 4,000 K or 5,700 K adjustable.
- High-quality aluminum reflector with lens.
- Simple and tool-free installation.
- UGR < 19.
- Low installation depth of 97 mm, diameter of 200 mm, Ceiling cut-out 165-180 mm.
- Phase section dimmable.
- Cover ring removable and replaceable with black ring (separate accessory).
- Ring in round black or round white also with additional, suspended float glass (partially frosted) (separate accessory).
- Cover frame also available in square in black or white instead of round instead of round (separate accessories).

Article data	
Article no.	12565073
GTIN	4255752500872
Series name	MUNA MIDI
Short description	LED recessed downlight, 3CCT, UGR < 19, trailing edge dimmable, reflector silver, bevelled
Material	Aluminium / Polycarbonate / Steel
Colour	white matt
Type of surface	Matt
Shape	Round
Outer diameter	200 mm
Built-in diameter min.	165 mm
Built-in diameter max.	180 mm
Installation depth	97 mm
Hight	6.5 mm
Scope of delivery	incl. converter for connection to 230 V mains voltage, phase cut-off dimmable with switch for color temperature selection: 3,000 K / 4,000 K / 5,700 K
Weight	0.475 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K / 4.000 K / 5.700 K
Color Temperature 1	3,000 K
Color Temperature 2	4,000 K
Color Temperature 3	5,700 K
Light output	Direct
Luminous flux	2,400 - 2,800 lm
Luminous flux 1	2,400 lm
Luminous flux 2	2,800 lm
Luminous flux 3	2,590 lm
System efficiency	100 lm/W
Colour rendering	CRI > 80
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
Protection class	II
Degree of protection	IP20
Dimmable	Yes
Control	Trailing-edge phase
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	F

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	Polycarbonat opal
Suitable for through-wiring	Yes, with optional accessories

Packing data	
Gross weight	0.7 kg
Length of packaging	220 mm
Packaging width	220 mm
Packaging height	120 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. 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.


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Optional accessories
Article no.: 81217080 Cover frame, square, for 12565 Dimensions: 200 mm x 200 mm x 6.5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81217080_2021_DE.pdf
Article no.: 81217070 Cover frame, square, for 12565 Dimensions: 200 mm x 200 mm x 6.5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81217070_2021_DE.pdf
Article no.: 81212080 Cover ring, round, for 12565 Dimensions: 200 mm x 6.5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81212080_2021_DE.pdf
Article no.: 81222080 Cover ring, round, with suspended float glass, partially frosted, for 12565 Dimensions: 200 mm x 26 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81222080_2021_DE.pdf
Article no.: 81222070 Cover ring, round, with suspended float glass, partially frosted, for 12565 Dimensions: 200 mm x 26 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81222070_2021_DE.pdf
Article no.: 83330000 Connection box 230 V AC, 3-pole Dimensions: 85 mm x 35 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf