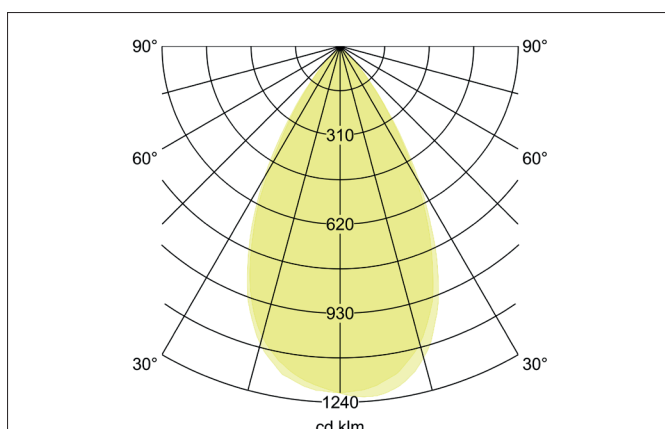
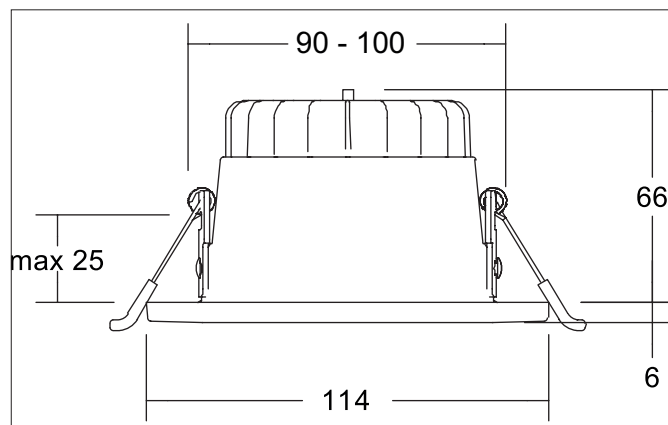


MUNA MICRO LED recessed downlight, 3CCT, UGR < 19, trailing edge dimmable, reflector silver, bevelled

Article no. 12563073

**Tender**

LED recessed downlight, 3CCT, UGR < 19, trailing edge dimmable, reflector silver, bevelled, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 90 mm, Installation depth 66 mm, Outer diameter 114 mm, Weight 0,225 kg, Reflector silver with rotational-symmetrical, deep, wide distributed light intensity. Cover polycarbonat opal. Luminous flux 950 lm, UGR < 19, Power 1 x 10 W, Light colour warm white to daylight white, Correlated color temprature (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, Housing material: Aluminium / Polycarbonate / Steel, Colour: White, 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.

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 66 mm, diameter of 114 mm, Ceiling cut-out 90-100 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).

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Article no. 12563073

Article data	
Article no.	12563073
GTIN	4255752500858
Series name	MUNA MICRO
Short description	LED recessed downlight, 3CCT, UGR < 19, trailing edge dimmable, reflector silver, bevelled
Material	Aluminium / Polycarbonate / Steel
Colour	White
Type of surface	Matt
Shape	Round
Outer diameter	114 mm
Built-in diameter	90 mm
Installation depth	66 mm
Hight	6 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	0.225 kg
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	950 lm
Luminous flux 1	940 lm
Luminous flux 2	1,050 lm
Luminous flux 3	990 lm
System efficiency	95 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

Operating technology of the luminaire	
System output	10 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

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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	0.313 kg
Length of packaging	130 mm
Packaging width	130 mm
Packaging height	85 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.: 81215070 Cover frame, square, for 12563	<p>Dimensions: 114 mm x 114 mm x 6 mm</p> <p>https://www.brumberg.com/fileadmin/products/Datenblatt_81215070_2021_DE.pdf</p>
Article no.: 81215080 Cover frame, square, for 12563	<p>Dimensions: 114 mm x 114 mm x 6 mm</p> <p>https://www.brumberg.com/fileadmin/products/Datenblatt_81215080_2021_DE.pdf</p>
Article no.: 81210080 Cover ring, round, for 12563	<p>Dimensions: 114 mm x 6 mm</p> <p>https://www.brumberg.com/fileadmin/products/Datenblatt_81210080_2021_DE.pdf</p>
Article no.: 81220070 Cover ring, round, with suspended float glass, partially frosted, for 12563	<p>Dimensions: 114 mm x 22 mm</p> <p>https://www.brumberg.com/fileadmin/products/Datenblatt_81220070_2021_DE.pdf</p>
Article no.: 81220080 Cover ring, round, with suspended float glass, partially frosted, for 12563	<p>Dimensions: 114 mm x 22 mm</p> <p>https://www.brumberg.com/fileadmin/products/Datenblatt_81220080_2021_DE.pdf</p>
Article no.: 83330000 Connection box 230 V AC, 3-pole	<p>Dimensions: 80 mm x 41 mm x 34 mm</p> <p>https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf</p>