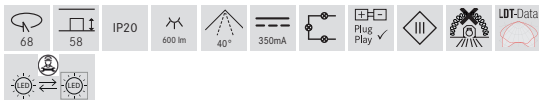
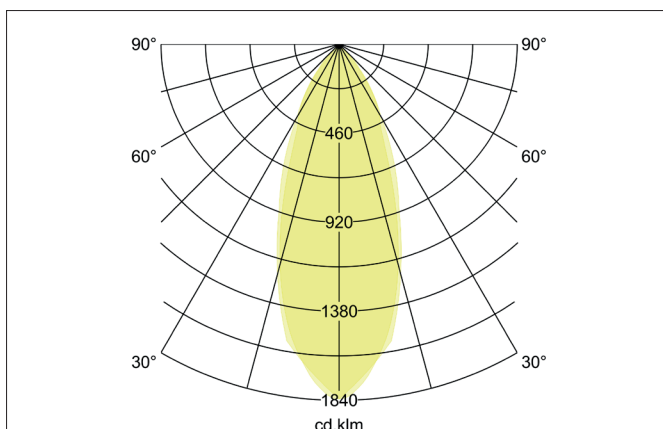
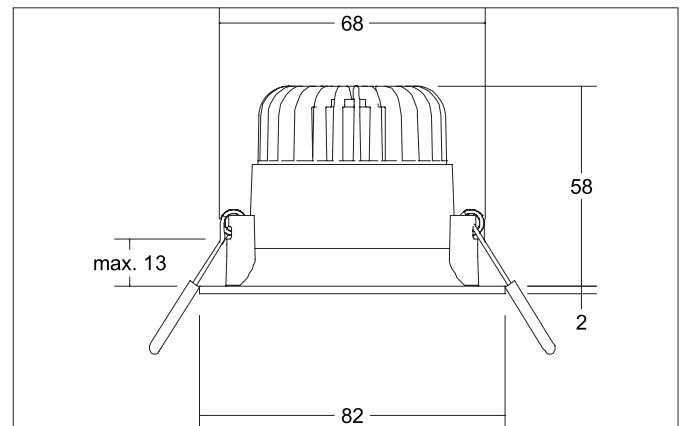


**ENGROS LED recessed downlight**

Article no. 12384173

**Tender**

LED recessed downlight, white structure, Round. In a compact design, for installation in tool-less rapid assembly systems. Lamp holder: Plug&Play, Mounting method: Recessed mounting, Place of installation: Ceiling-mounted, Material: Aluminium / Polycarbonate, Degree of protection: according to DIN EN 60529 IP20, Protection class: (EN 61140) III, Power: 7 W, Amount of light sources / fittings: 1 piece, Luminous flux: 600 lm, Colour temperature: 3.000 K, Light colour: white, Beam angle: 40°, Adjustability: Not adjustable, without control gear, Dimmable: Depending on type of control gear, Type of dimming: Depending on driver.

Product Benefits

- Recessed downlight in round design made of massive aluminum.
- Ceiling cutout 68 mm, outer diameter 82 mm, mounting depth 58 mm, luminous flux 600 lm, IP20.
- Recessed light emission for improved glare reduction.
- Dimmable when using a suitable converter.
- Available in the same surface structure and in the same colours also flush swivel (round and square).


ENGROS LED recessed downlight

Article no. 12384173

Article data	
Article no.	12384173
GTIN	4251433925521
Series name	ENGROS
Short description	LED recessed downlight
Material	Aluminium / Polycarbonate
Colour	white structure
Type of surface	Structure
Shape	Round
Outer diameter	82 mm
Built-in diameter min.	65 mm
Built-in diameter max.	68 mm
Installation depth	58 mm
Hight	2 mm
Weight	0.138 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light colour	white
Light output	Direct
Luminous flux	600 lm
Colour rendering	CRI > 80
Reflector	Faceted
Reflector colour	silver
Beam angle	40°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
Voltage type	DC
Current	350 mA
Lamp	LED
Lamp holder	Plug&Play
Protection class	III
Degree of protection	IP20
Dimmable	Depending on type of control gear
Control	Depending on driver
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

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Max. ceiling thickness	13 mm
Further references	No cover with thermal insulation material
Cover	Plastic, transparent
Suitable for through-wiring	Yes, with optional accessories



ENGROS LED recessed downlight
Article no. 12384173

Packing data	
Gross weight	0.19 kg
Length of packaging	115 mm
Packaging width	95 mm
Packaging hight	80 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.


ENGROS LED recessed downlight

Article no. 12384173

Required accessories

Article no.: 17662000

LED converter 350 mA, on/off switchable

Power: 1 - 7,2 W, Plug&Play

Dimensions: 68 mm x 35 mm x 21 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17662000_2021_DE.pdf

Article no.: 17662020

LED converter 350 mA, on/off switchable

Power: 1 - 7,2 W, Plug&Play + Anschlussbox

Dimensions: 35 mm x 21 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf

Article no.: 17663000

LED converter 350 mA, trailing-edge phase dimmable

Power: 2,8 - 7 W, Plug&Play

Dimensions: 110 mm x 50 mm x 19 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf

Article no.: 17663020

LED converter 350 mA, trailing-edge phase dimmable

Power: 2,8 - 7 W, Plug&Play + Anschlussbox

Dimensions: 110 mm x 50 mm x 19 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf

Article no.: 17613000

LED converter 350 mA, on/off switchable

Power: 1 - 15 W, Plug&Play

Dimensions: 115 mm x 34 mm x 19 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17613000_2021_DE.pdf

Article no.: 17613020

LED converter 350 mA, on/off switchable

Power: 1 - 15 W, Plug&Play + Anschlussbox

Dimensions: 115 mm x 34 mm x 19 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17613020_2021_DE.pdf

Article no.: 17621000

LED converter 350 mA, on/off switchable

Power: 1 - 21 W, Plug&Play

Dimensions: 128 mm x 50 mm x 13 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17621000_2021_DE.pdf

Article no.: 17621020

LED converter 350 mA, on/off switchable

Power: 1 - 21 W, Plug&Play + Anschlussbox

Dimensions: 128 mm x 50 mm x 13 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17621020_2021_DE.pdf

Article no.: 17652000

LED-round converter 350 mA, trailing-edge phase dimmer

Power: 4,9 - 7 W, Plug&Play

Dimensions: 51 mm x 24 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17652000_2021_DE.pdf

Article no.: 17652020

LED-round converter 350 mA, trailing-edge phase dimmer

Power: 4,9 - 7 W, Plug&Play + Anschlussbox

Dimensions: 51 mm x 24 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17652020_2021_DE.pdf


ENGROS LED recessed downlight

Article no. 12384173

Required accessories
Article no.: 17640000 LED converter 350 mA, trailing-edge phase dimmable Power: 4,2 - 10 W, Plug&Play Dimensions: 102 mm x 38 mm x 21 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17640000_2021_DE.pdf
Article no.: 17640020 LED converter 350 mA, trailing-edge phase dimmable Power: 4,2 - 10 W, Plug&Play + Anschlussbox Dimensions: 102 mm x 38 mm x 21 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17640020_2021_DE.pdf
Article no.: 17648000 LED converter 350 mA, trailing-edge phase dimmable Power: 0,7 - 17 W, Plug&Play Dimensions: 166 mm x 46 mm x 34 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17648000_2021_DE.pdf
Article no.: 17648020 LED converter 350 mA, trailing-edge phase dimmable Power: 0,7 - 17 W, Plug&Play + Anschlussbox Dimensions: 166 mm x 46 mm x 34 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17648020_2021_DE.pdf
Article no.: 17657000 LED converter 350 mA, 1-10 V dimmable (analog) Power: 5,2 - 18 W, Plug&Play Dimensions: 110 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf
Article no.: 17682000 LED converter 350 mA, DALI dimmable (digital) Power: 1,8 - 18,5 W, Plug&Play Dimensions: 146.5 mm x 43.5 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17682000_2021_DE.pdf
Article no.: 17682020 LED converter 350 mA, DALI dimmable (digital) Power: 1,8 - 18,5 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 43.5 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf
Article no.: 17683000 LED converter 350 mA, DALI dimmable (digital) Power: 3,5 - 17 W, Plug&Play Dimensions: 110.5 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf
Article no.: 17683020 LED converter 350 mA, DALI dimmable (digital) Power: 3,5 - 17 W, Plug&Play + Anschlussbox Dimensions: 110.5 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf
Article no.: 17684000 LED converter 350 mA, DALI dimmable (digital) Power: 2,8 - 7 W, Plug&Play Dimensions: 130 mm x 42 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17684000_2021_DE.pdf


ENGROS LED recessed downlight

Article no. 12384173

Required accessories

Article no.: 17684020

LED converter 350 mA, DALI dimmable (digital)

Power: 2,8 - 7 W, Plug&Play + Anschlussbox

Dimensions: 130 mm x 42 mm x 22 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17684020_2021_DE.pdf

Article no.: 17658000

LED round converter 350 mA, DALI dimmable (digital)

Power: 2,1 - 9 W, Plug&Play

Dimensions: 56 mm x 25 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf

Article no.: 17658020

LED round converter 350 mA, DALI dimmable (digital)

Power: 2,1 - 9 W, Plug&Play + Anschlussbox

Dimensions: 56 mm x 25 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17658020_2021_DE.pdf

Article no.: 17671000

LED converter 350mA, ZigBee dimmable

Power: 3,5 - 18,5 W, Plug&Play

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf

Article no.: 17671020

LED converter 350mA, ZigBee dimmable

Power: 3,5 - 18,5 W, Plug&Play + Anschlussbox

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17671020_2021_DE.pdf

Article no.: 17672000

LED converter 350mA, Casambi dimmable

Power: 3,5 - 18,5 W, Plug&Play

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17672000_2021_DE.pdf

Article no.: 17672020

LED converter 350mA, Casambi dimmable

Power: 3,5 - 18,5 W, Plug&Play + Anschlussbox

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17672020_2021_DE.pdf

**ENGROS LED recessed downlight**

Article no. 12384173

Optional accessories

Article no.: 81201170

Reducing ring D 110 mm, for luminaire cut-out size 68 mm

Dimensions: 110 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf

Article no.: 81202170

Reducing ring D 130 mm, for luminaire cut-out size 68 mm

Dimensions: 130 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf

Article no.: 81203170

Reducing ring D 145 mm, for luminaire cut-out size 68 mm

Dimensions: 145 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf

Article no.: 3835

Plug&Play extension cable 350 mA

Dimensions: 500 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf

Article no.: 3836

Plug&Play extension cable 350 mA

Dimensions: 1,000 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf

Article no.: 3837

Plug&Play extension cable 350 mA

Dimensions: 2,000 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf