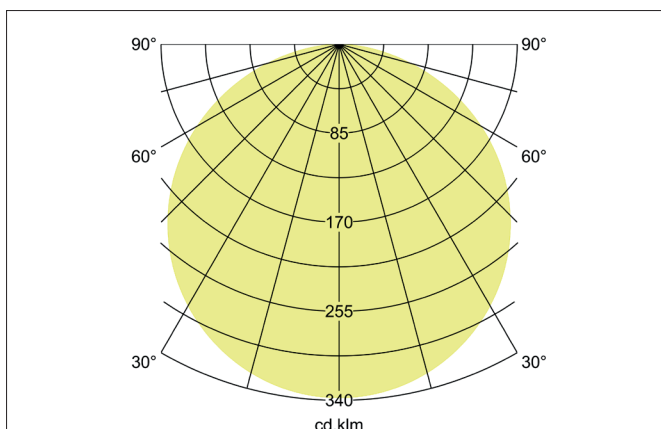
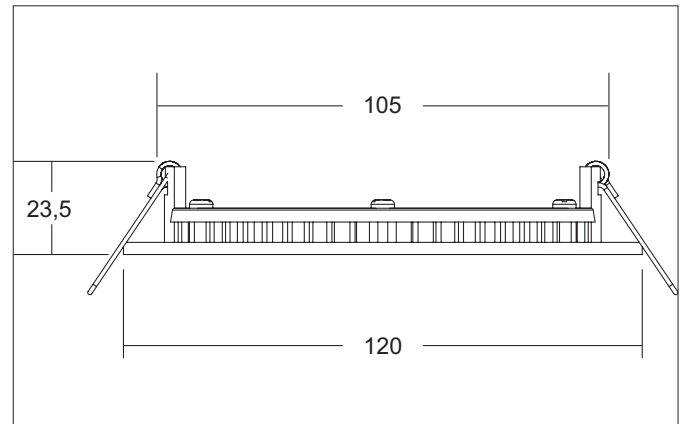


FLAT350 LED recessed panel, IP44

Article no. 12451173


Tender

LED recessed panel, IP44, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 105 mm, installation depth 23.5 mm, outer diameter 120 mm, weight 0.133 kg, with rotationally symmetrical deep-wide beam light distribution. Cover PC (polycarbonate) opal, rated luminous flux 490 lm, rated wattage 1 x 6 W, light color warm white to neutral white, most similar color temperature (CCT) 2,700 - 4,000 K, general color rendering index CRI > 90, housing material: aluminum / PMMA, color: textured white, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): III, degree of protection (DIN EN 60529): IP44 when installed in closed ceilings. For connection to an external control gear, which is not included with the luminaire. Dimmable depending on the control gear.

Article data	
Article no.	12451173
GTIN	4251433957843
Series name	FLAT350
Short description	LED recessed panel, IP44
Material	Aluminium / PMMA
Colour	White
Type of surface	Structure
Shape	Round
Outer diameter	120 mm
Built-in diameter	105 mm
Installation depth	23.5 mm
Height	3 mm
Scope of delivery	incl. switch to adjust color temperature to 2700 K, 3300 K or 4000 K
Weight	0.133 kg
Conformance	CE, UKCA

FLAT350 LED recessed panel, IP44

Article no. 12451173

Lighting technology	
Colour temperature	2.700 K / 3.300 K / 4.000 K
Light colour	White
Color Temperature 1	2,700 K
Light output	Direct
Luminous flux	490 lm
Luminous flux 1	490 lm
System efficiency	82 lm/W
Colour rendering	CRI > 90
Reflector	Without
Beam angle	115°
Light sharing	Symmetric
Adjustable color temperature	Stages

Operating technology of the luminaire	
System output	6 W
Voltage type	DC
Current	350 mA
Lamp	LED
Protection class	III
Protection class on the ceiling side	IP20
Degree of protection	IP44
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.
Energy efficiency class	nicht erforderlich

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Max. ceiling thickness	15 mm
Further references	No cover with thermal insulation material
Material cover	Polycarbonat opal

Packing data	
Gross weight	0.184 kg
Length of packaging	135 mm
Packaging width	130 mm
Packaging height	45 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>

FLAT350 LED recessed panel, IP44

Article no. 12451173

Required accessories
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.: 17613010 LED converter 350 mA, on/off switchable Power: 1 - 15 W, ohne Konfektionierung Dimensions: 115 mm x 34 mm x 19 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17613010_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.: 17621010 LED converter 350 mA, on/off switchable Power: 1 - 21 W, ohne Konfektionierung Dimensions: 128 mm x 50 mm x 13 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17621010_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.: 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.: 17640010 LED converter 350 mA, trailing-edge phase dimmable Power: 4,2 - 10 W, ohne Konfektionierung Dimensions: 102 mm x 38 mm x 21 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17640010_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

FLAT350 LED recessed panel, IP44

Article no. 12451173

Required accessories
Article no.: 17648010 LED converter 350 mA, trailing-edge phase dimmable Power: 0,7 - 17 W, ohne Konfektionierung Dimensions: 166 mm x 46 mm x 34 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17648010_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.: 17657010 LED converter 350 mA, 1-10 V dimmable (analog) Power: 5,2 - 18 W, ohne Konfektionierung Dimensions: 110 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17657010_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.: 17683010 LED converter 350 mA, DALI dimmable (digital) Power: 3,5 - 17 W, ohne Konfektionierung Dimensions: 110.5 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17683010_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.: 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.: 17658010 LED round converter 350 mA, DALI dimmable (digital) Power: 2,1 - 9 W, ohne Konfektionierung Dimensions: 56 mm x 25 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17658010_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

FLAT350 LED recessed panel, IP44

Article no. 12451173

Required accessories

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.: 17671010

LED converter 350mA, ZigBee dimmable

Power: 3,5 - 18,5 W, ohne Konfektionierung

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17671010_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.: 17672010

LED converter 350mA, Casambi dimmable

Power: 3,5 - 18,5 W, ohne Konfektionierung

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17672010_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