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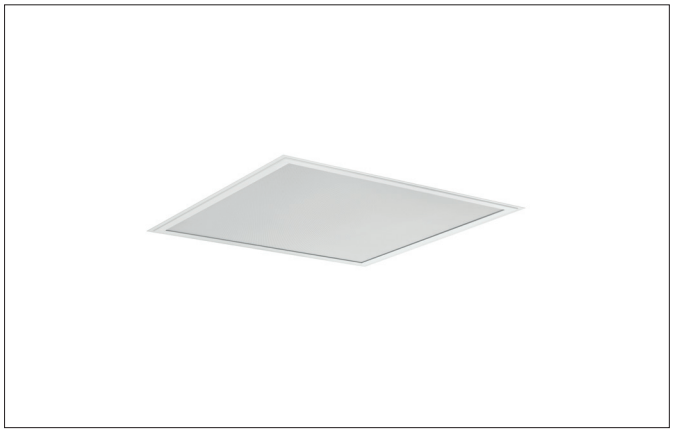
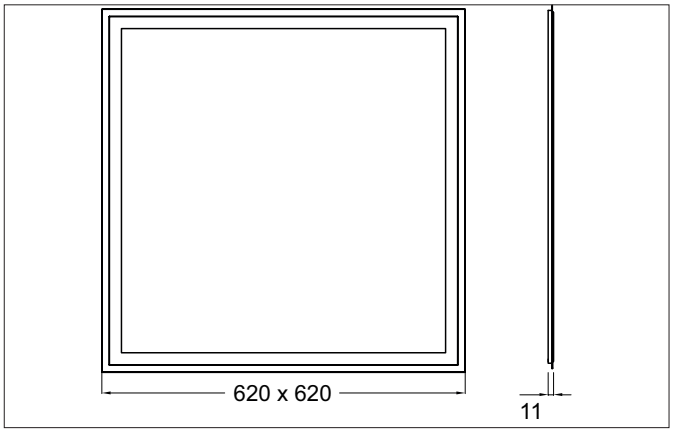
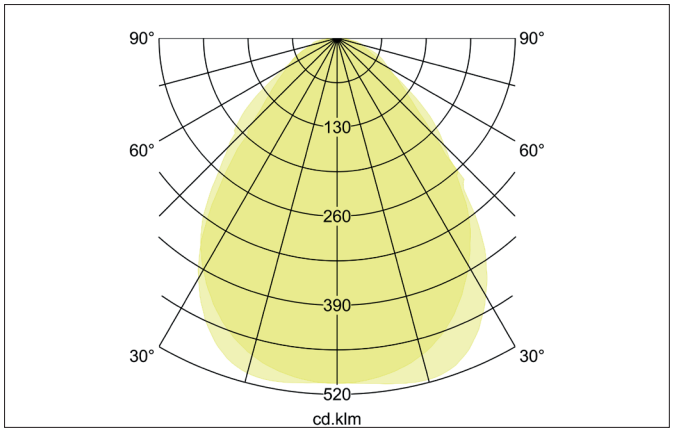
Light. Since 1873.

AGGY LED panel 620 x 620 mm MP

Article no. 32055974









Tender

LED panel 620 x 620 mm MP, Square.Recessed luminaire for ceilings with visible mounting rails. Ceiling cut-out L x W 602 x 602 mm, Installation depth 40 mm, Length 620 mm, Width 620 mm, Weight 2,9 kg, with rotattionssymmetrical, deep, wide distributed light intensity. Cover plastic, microprismaticLuminous flux 4.200 lm, UGR < 19, Power 1 x 28 W, Light colour neutral white, Correlated color temprature (CCT) 4.000 K, Colour rendering index CRI > 90, Rated life time L70/B10 at 25 °C: 110.000 h, Rated life time L70/B50 at 25 °C: 125.000 h, Rated life L80/B10 at 25 °C: 78.000 h, Rated life time L80/B50 at 25 °C: 100.000 h, Housing material: Aluminium / PMMA, Colour: white matt, Permissible ambient temperature (ta): -20 °C up to +45 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP54, shock resistance according to IEC62262: IK04 .With electronic driver, on/off switchable. Additionally this luminaire is ENEC-proofed by an independent laboratory.

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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AGGY LED panel 620 x 620 mm MP

Article no. 32055974

Article data	
Article no.	32055974
GTIN	4255752522805
Series name	AGGY
Short description	LED panel 620 x 620 mm MP
Material	Aluminium / PMMA
Colour	white matt
RAL colour	9016
Shape	Square
Length	620 mm
Width	620 mm
Built-in length	602 mm
Built-in width	602 mm
Installation depth	40 mm
Hight	11 mm
Scope of delivery	incl. multi-lumen control gear. 800 mA; 900 mA; 950 mA; 1,050 mA
Weight	2.9 kg
stamp	ENEC
Conformance	CE, UKCA

Lighting technology	
Colour temperature	4.000 K
Light colour	white
Light output	Direct
Luminous flux	4,200 lm
System efficiency	131 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Reflector	Without
Beam angle	85°
Glare evaluation	UGR < 19
Light sharing	Symmetric
Photobio. Risk group according to EN 62778	RG0
Photobio. Risk group according to EN 62471	RG0
Adjustable color temperature	No

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AGGY LED panel 620 x 620 mm MP

Article no. 32055974

Operating technology of the luminaire	
System output	32 W
Voltage type	AC/DC
AC nominal voltage min	198 V
AC nominal voltage max	264 V
DC nominal voltage min	197 V
DC nominal voltage max	278 V
Frequency max	60 Hz
Frequency min	50 Hz
Lamp	LED
Lamp holder	Without fitting
Protection class	II
Protection class on the ceiling side	IP20
Degree of protection	IP54
Ambient temperature	-20°C up to +45°C
Dimmable	No
Control	on/off
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.
Glow wire test according to IEC 60695-2-12	650°C
Rated life time L70/B50 at 25 °C	125,000 h
Rated life L80/B10 at 25 °C	78,000 h
Rated life time L80/B50 at 25 °C	100,000 h
Rated life time L90/B10 at 25 °C	30,000 h
Energy efficiency class	not required
max. no. lights on B16 A	23
max. no. lights on C10 A	24
max. no. lights on C16 A	39

Operating technology of the light source	
Hight	11 mm
Lamp holder	Without fitting
Power	32 W
Voltage type	DC
Current	1.050 mA
Lamp	LED
Protection class	III
Degree of protection	IP54
Protection class on the ceiling side	IP20
Rated life time L70/B50 at 25 °C	100,000 h
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.

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Impact resistance	IK04
Further references	No cover with thermal insulation material
Cover	Plastic, microprismatic
Suitable for through-wiring	Yes

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Packing data	
Gross weight	3.2 kg
Length of packaging	640 mm
Packaging width	635 mm
Packaging hight	35 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.

Optional accessories
Article no.: 81032055 Installation frame 1-piece, 680 x 680 x 30 mm, white Dimensions: 675 mm x 675 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81032055_2021_DE.pdf
Article no.: 81032056 Mounting frame, 4-part, 640 x 640 x 50 mm, white Dimensions: 640 mm x 640 mm x 50 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81032056_2021_DE.pdf
Article no.: 81032068 Y-rope suspension set of 1 600/620mm Dimensions: 2,000 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81032068_2021_DE.pdf
Article no.: 00532900 Installation spring set of 4 for LED panels incl. bracket and screws https://www.brumberg.com/fileadmin/products/Datenblatt_00532900_2021_DE.pdf
Article no.: 17841010 LED driver 300 mA - 1,050 mA, DALI-2 dimmable, for through-wiring Power: 2,5 - 44 W Dimensions: 170 mm x 65 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17841010_2021_DE.pdf
Article no.: 17843010 LED driver 1,050 mA, trailing edge dimmable Power: 23 - 39,9 W Dimensions: 142.3 mm x 31.5 mm x 60 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17843010_2021_DE.pdf
Article no.: 17844010 LED driver 900 mA - 1,050 mA, 1-10 V dimmable Power: 27 - 44,1 W Dimensions: 180 mm x 40 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17844010_2021_DE.pdf
Article no.: 81078055 Conversion kit 3 h emergency light to LED panel AGGY Leistung: 3 W https://www.brumberg.com/fileadmin/products/Datenblatt_81078055_2021_DE.pdf

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