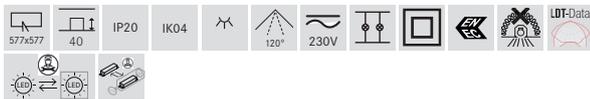
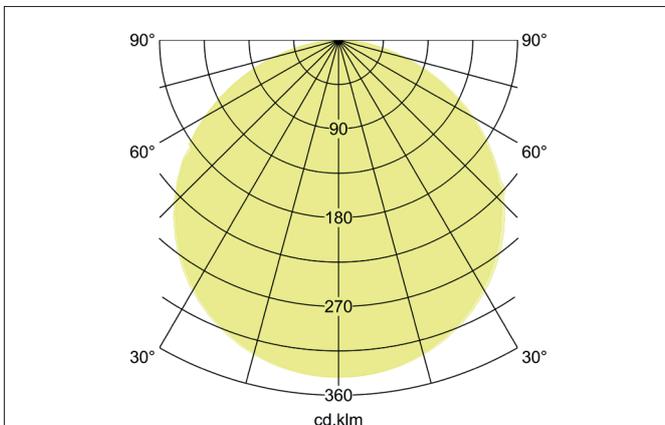
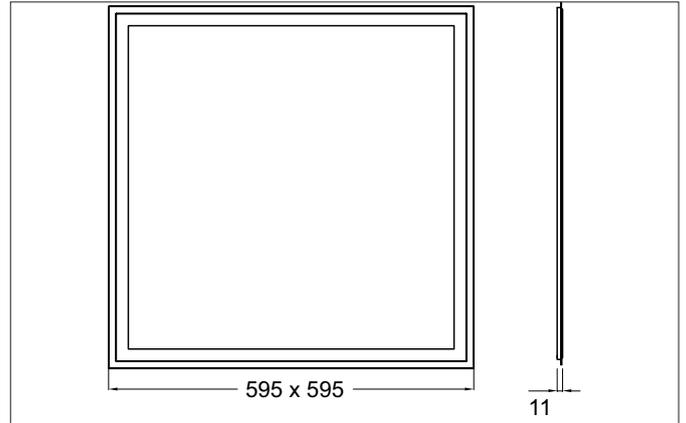




PINOS LED panel 595 x 595 mm opal
 Article no. 32052073



Tender
 LED panel 595 x 595 mm opal, Square. Recessed luminaire for ceilings with visible mounting rails. Ceiling cut-out L x W 577 x 577 mm, Installation depth 40 mm, Length 595 mm, Width 595 mm, Weight 2,7 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, opal. Luminous flux 4.200 lm, UGR < 22, Power 1 x 28 W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B10 at 25 °C: 110.000 h, Rated life time L70/B50 at 25 °C: 125.000 h, Rated life time 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 to +45°C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP20, shock resistance according to IEC62262: IK04 .With electronic driver, on/off switchable. Additionally this luminaire is ENEC-proofed by an independent laboratory.


PINOS LED panel 595 x 595 mm opal

Article no. 32052073

Article data	
Article no.	32052073
GTIN	4251433998181
Series name	PINOS
Short description	LED panel 595 x 595 mm opal
Material	Aluminium / PMMA
Colour	white matt
Shape	Square
Length	595 mm
Width	595 mm
Built-in length	577 mm
Built-in width	577 mm
Installation depth	40 mm
Hight	11 mm
Scope of delivery	incl. multilumen driver. 800 mA; 900 mA; 950 mA; 1.050 mA
Weight	2.7 kg
stamp	ENEC
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 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 > 80
Reflector	Without
Beam angle	120°
Glare evaluation	UGR < 22
Light sharing	Symmetric
Photobio. Risk group according to EN 62778	RG0
Adjustable color temperature	No


PINOS LED panel 595 x 595 mm opal

Article no. 32052073

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
Degree of protection	IP20
Ambient temperature	-20°C 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 time 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 luminaire	
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	IP40
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
Material cover	Plastic, opal
Suitable for through-wiring	Yes


PINOS LED panel 595 x 595 mm opal

Article no. 32052073

Packing data	
Gross weight	3 kg
Length of packaging	640 mm
Packaging width	635 mm
Packaging height	35 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.: 81032050	Installation frame 1-piece, 655 x 655 x 30 mm, white
Dimensions: 650 mm x 650 mm x 30 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81032050_2021_DE.pdf
Article no.: 81032051	Mounting frame, 4-part, 620 x 620 x 50 mm, white
Dimensions: 610 mm x 610 mm x 50 mm	https://www.brumberg.com/fileadmin/products/Datenblatt_81032051_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 panel
	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
Leistung: 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
Leistung: 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
Leistung: 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