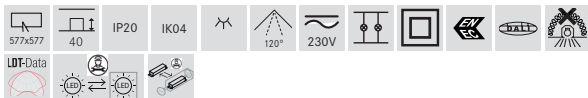
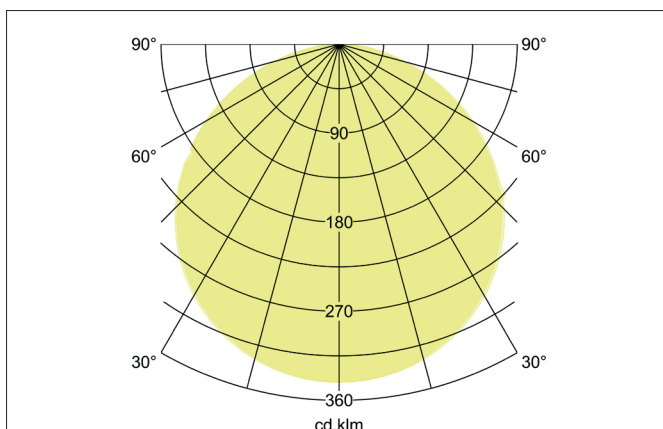
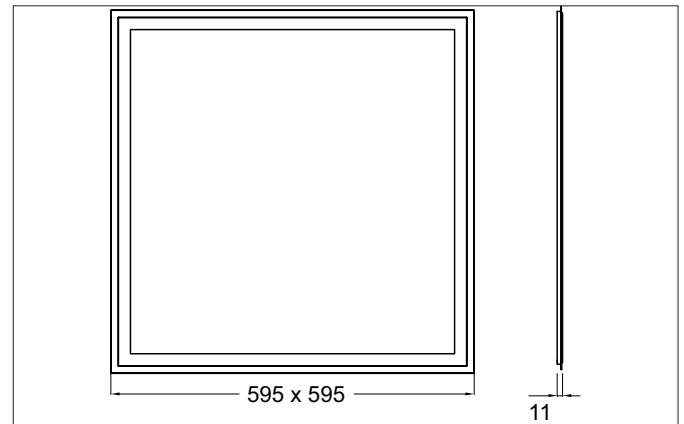



PINOS LED panel 595 x 595 mm opal DALI-2

Article no. 32053073


Tender

LED panel 595 x 595 mm opal DALI-2, 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, microprismatic. 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, DALI-2 dimmable. Additionally this luminaire is ENEC-protected by an independent laboratory.


PINOS LED panel 595 x 595 mm opal DALI-2

Article no. 32053073

Article data	
Article no.	32053073
GTIN	4251433998204
Series name	PINOS
Short description	LED panel 595 x 595 mm opal DALI-2
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 DALI-2 / PUSH-dimm driver. 300 mA bis 1.050 mA (in steps of 50)
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 DALI-2

Article no. 32053073

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	176 V
DC nominal voltage max	276 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	Yes
Control	DALI-2 , PUSH-Dimm
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	59
max. no. lights on C10 A	37
max. no. lights on C16 A	59

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, microprismatic
Suitable for through-wiring	Yes


PINOS LED panel 595 x 595 mm opal DALI-2

Article no. 32053073

Packing data	
Gross weight	3 kg
Length of packaging	640 mm
Packaging width	635 mm
Packaging height	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.: 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.: 17840010	LED driver 800 mA - 1,050 mA, on/off, for through-wiring
Leistung: 42 W	
Dimensions: 170 mm x 65 mm x 30 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_17840010_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	