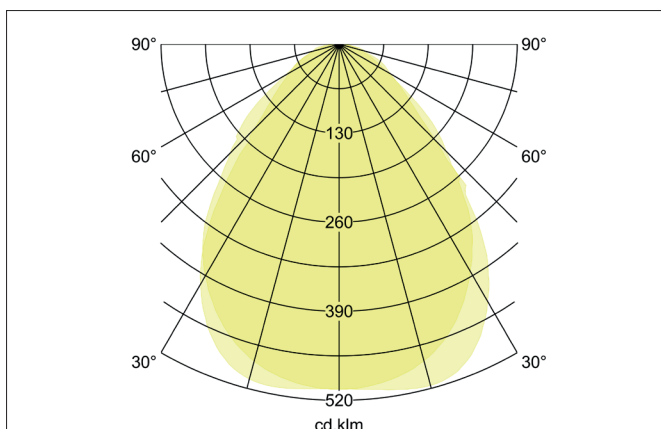
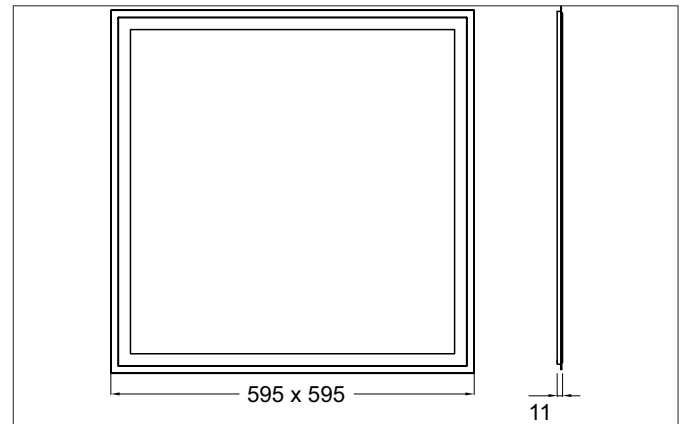


**PINOS LED panel 595 x 595 mm MP DALI-2**

Article no. 32051073


**Tender**

Square LED recessed panel 595 x 595 mm, microprismatic cover, UGR<19, DALI dimmable, recessed luminaire for ceilings with visible trunking. Ceiling cut-out L x W 577 x 577 mm installation depth 40 mm, length 595 mm, width 595 mm, weight 2.700 kg, with rotationally symmetrical deep-wide beam light distribution. Cover plastic microprismatic, rated luminous flux 4,000 lm, UGR < 19, rated wattage 1 x 28 W, light color warm white, most similar color temperature (CCT) 3,000 K, general color rendering index CRI > 80, service life L70/B10 at 25 °C: 110.000 h, service life L70/B50 at 25 °C: 125,000 h, service life L80/B10 at 25 °C: 78,000 h, service life L80/B50 at 25 °C: 100,000 h, housing material: aluminum / PMMA, color: white, permissible ambient temperature (ta): -20°C to +45°C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP20, degree of impact resistance according to IEC62262: IK04. With electronic control gear, DALI-2, PUSH-Dimm dimmable. The luminaire is also ENEC-certified by an independent testing body.

**PINOS LED panel 595 x 595 mm MP DALI-2**

Article no. 32051073

Article data	
Article no.	32051073
GTIN	4251433998167
Series name	PINOS
Short description	LED panel 595 x 595 mm MP DALI-2
Material	Aluminium / PMMA
Colour	White
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	2.700 kg
stamp	ENEC
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light colour	White
Light output	Direct
Luminous flux	4,000 lm
System efficiency	125 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 80
Reflector	Without
Beam angle	85°
Glare evaluation	UGR < 19
Light sharing	Symmetric
Photobio. Risk group according to EN 62778	RG0
Adjustable color temperature	No

**PINOS LED panel 595 x 595 mm MP DALI-2**

Article no. 32051073

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	nicht erforderlich
max. no. lights on B10 A	37
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 MP DALI-2**

Article no. 32051073

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	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81032050_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81032050_2021_DE.pdf</a>
Article no.: 81032051	Mounting frame, 4-part, 620 x 620 x 50 mm, white
Dimensions: 610 mm x 610 mm x 50 mm	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81032051_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81032051_2021_DE.pdf</a>
Article no.: 81032068	Y-rope suspension set of 1 600/620mm
Dimensions: 2,000 mm	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81032068_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81032068_2021_DE.pdf</a>
Article no.: 00532900	Installation spring set of 4 for LED panel
	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_00532900_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_00532900_2021_DE.pdf</a>
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	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17840010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17840010_2021_DE.pdf</a>
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	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17843010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17843010_2021_DE.pdf</a>
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	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17844010_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17844010_2021_DE.pdf</a>
Article no.: 81078055	Conversion kit 3 h emergency light to LED panel AGGY
Leistung: 3 W	
	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81078055_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81078055_2021_DE.pdf</a>