

## LED Tile 296 x 296

The **LED Tile 296 x 296** can be used as bright backlighting for translucent surfaces or as large-area floodlight.

The circuit board comprises 22 LEDs arranged in a series/parallel connection. The small LED spacing of only 20 mm allows homogeneously illuminated surfaces with a very small overall depth to be implemented.

The relatively low operating current of the individual LEDs ensures a long lifetime of up to 80.000 hours.

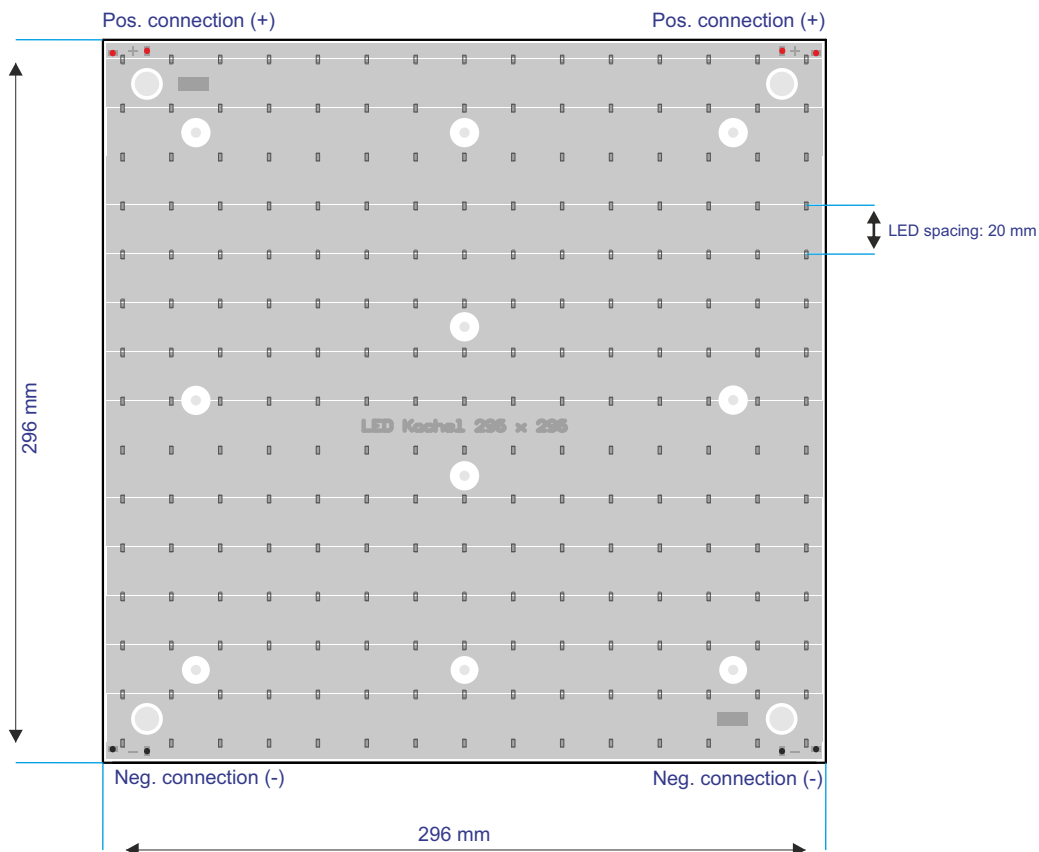
The LED Tile is available with two different power ratings. A good heat dissipation from the rear copper surface must be ensured for both versions.

The circuit board can be fixed using various pre-drilled mounting holes.



Technical data LED Tile "Standard":		Technical data LED Tile "Standard-PLUS":	
Article no.	5 890 1000	Article no.	5 890 2000
Operating current	500 mA	Operating current	750 mA
Operating voltage	42 V	Operating voltage	43 V
LED operating current	33 mA	LED operating current	50 mA
Total wattage	21 W	Total wattage	32 W
Luminous flux	2520 lm	Luminous flux	3600 lm
Colour temperature	3000 K and 4000 K <small>(5000 K, 6500 K on request)</small>	Colour temperature	3000 K and 4000 K <small>(5000 K, 6500 K on request)</small>
Colour rendering index	CRI 80 typ.	Colour rendering index	CRI 80 typ.
No. of LEDs	225	No. of LEDs	225
Dimensions (L x W x H)	296 x 296 x 2 mm	Dimensions (L x W x H)	296 x 296 x 2 mm

All parameters refer to an ambient temperature of 25 °C.



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