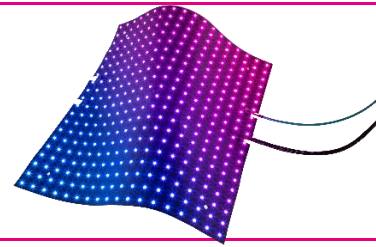


## ledTec.flex | wallpaper | p32 | 2500lm | ip20

The ledTec.flex | display | p32 is a thin, flexible LED display with 18 x 18 pixels (576 x 576mm) and a 32.0mm pixel pitch. The foil has a brightness of 2500 lumens per sqm and is suitable for indoor wall and ceiling applications with high lumen output with best performance on electronic design and light weight requirements. Multiple modules can be cascaded to realize large screens.



LED Pitch	32mm
Light Source (LEDs)	324 pixels per foil / 972 pixels per sqm. RGB SMD LED, individually controllable
Luminous flux	2500lm/sqm
Surface	FR4
Pixel per Tile	18 x 18
Dimensions LxWxH	576mm x 576mm x 6mm (connector height)
LED color	RGB
Color resolution	16.7 million colors / 8bit per color
LED PWM frequency	8kHz
Frame rate	max 60Hz
Beam angle	120°
Ambient temperature during operation	min 0°C / max 40°C
Storage temperature	min -20°C / max 80°C
Lumen maintenance	L50 @ 25°C -50.000hrs
Bending radius all directions	800mm
Mounting	Velcro. Optional additional safety via mounting holes in corners and in center
Cable interface	Molex Microfit. 4-pin for data, 6-pin for power
Weight	270g per foil
Environment	indoor IP20
Humidity	0-90%, non-condensing
Approbation	CE, RoHS, REACH

### Electrical Specifications

Operating voltage	12V
Power Consumption (typical)	20W per foil
Power Consumption (max)	40W per foil

### System Specifications

Power Supply	AC110V/230V-100 up to 600W/12V
Control	ArtNet
Converter	ledTec.flex   converter   advanced   v1.0
Configuration	via web interface of converter