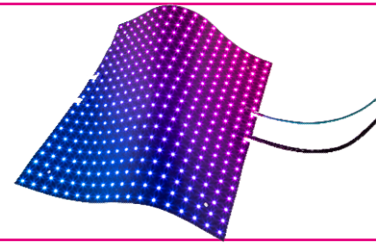


## ledTec.flex | wallpaper | p32 | 2500lm | ip20

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.



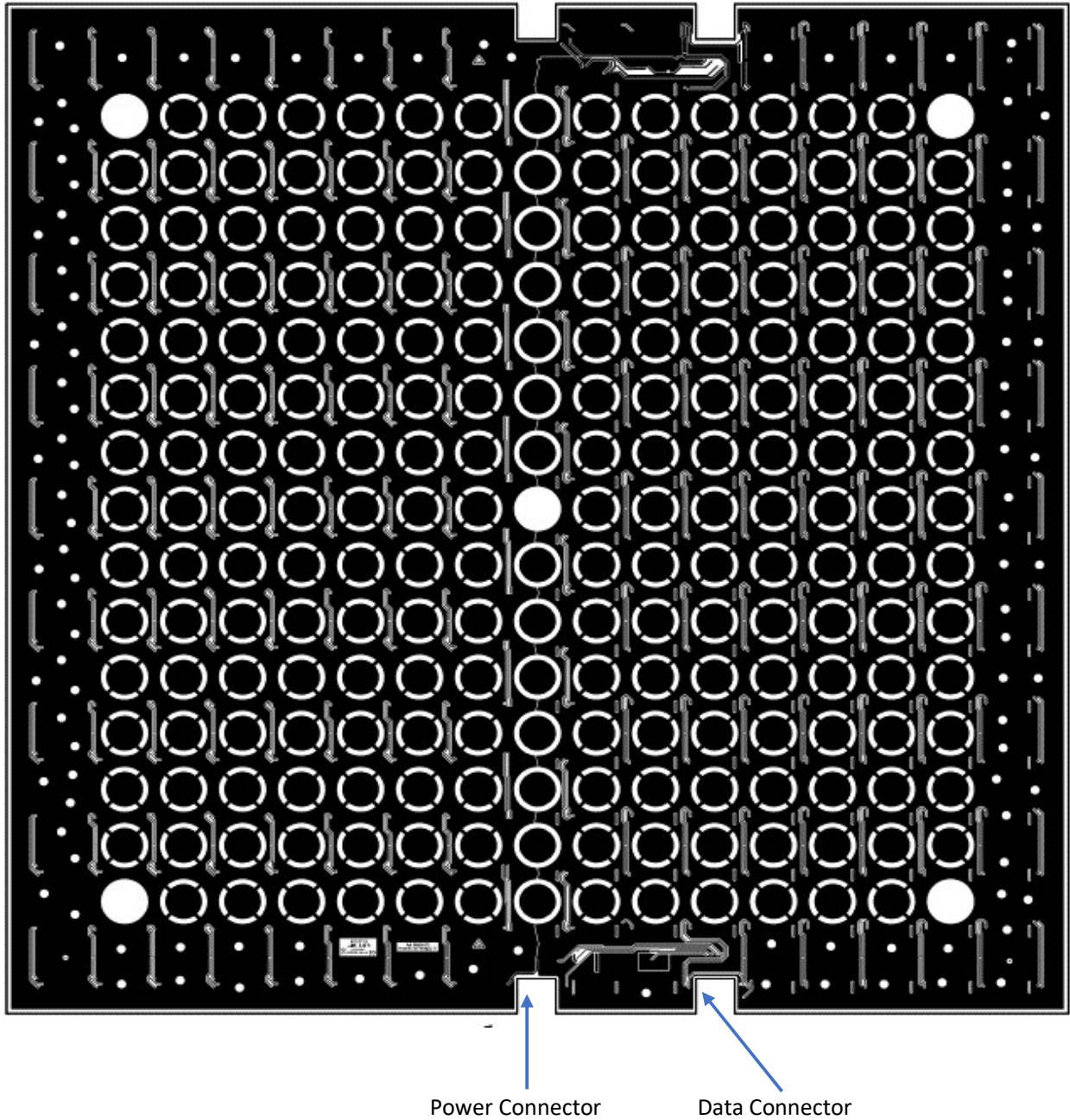
LED Pitch	32mm
Light Source (LEDs)	324 pixels per foil / 972 pixels per sqm. RGB SMD LED, individually controllable
Luminous flux	2500lm/sqm
Surface	FR4
Pixel per Tile	18 x 18
Dimensions LxWxH	576mm x 576mm x 6mm (connector height)
LED color	RGB
Color resolution	16.7 million colors / 8bit per color
LED 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



Velcro Mounting



## ledTec.flex | wallpaper | rgb | p32 | 2500ln | ip20

Ordering

### Fixtures

Item Code	Description	Data
V10 0019	ledTec.flex   display   p5   3000   black   ip65	3000 NIT / pixel pitch 5mm, IP65
V10 0085	ledTec.flex   banner   p16   4000   deep black   ip66	4000 NIT / pixel pitch 16mm, IP66
V100282	ledTec.flex   wallpaper   p32   2500   black   ip20	2500 lm/qm / pixel pitch 32mm, IP20

### Mouting Accessories

V10 0218	ledTec.flex   velcro   wallpaper   black   soft & hook per Unit	2,5m length x 25mm width
V10 0219	ledTec.flex   velcro   wallpaper   white   soft & hook per Unit	2,5m length x 25mm width
V10 0017	ledTec.flex   velcro   display   black   soft & hook per Unit	3,5m length x 25mm width
R10 0018	ledTec.flex   velcro   black   soft   roll   25m	25m length x 25mm width
R10 0019	ledTec.flex   velcro   white   soft   roll   25m	25m length x 25mm width
R10 0050	ledTec.flex   velcro   black   hook   roll   25m	25m length x 25mm width
R10 0051	ledTec.flex   velcro   white   hook   roll   25m	25m length x 25mm width

### Cables & Connector

V100250	ledTec.flex   cable   f2f   mf   4pin   48.5mm	P32, Data
V100251	ledTec.flex   cable   f2f   mf   6pin   48.5mm	P32, Power
V100252	ledTec.flex   cable   starter2f   mf-rj45   4pin   0.3m	P32, Data
V100253	ledTec.flex   cable   starter2f   mf   6pin   12m	P32, Power Starter Cable
V100254	ledTec.flex   cable   starter2f   mf   6pin   7m	P32, Power Starter Cable
R100025	ledTec.flex   data cable   CAT5e   5m	Rj45
R100026	ledTec.flex   data cable   CAT5e   10m	Rj45
R100027	ledTec.flex   data cable   CAT5e   20m	Rj45

### Power Supply

V100240	ledTec.flex   power supply   500W/5V	IP20
V100277	ledTec.flex   power supply   AC 480W/12V   IP66	IP66

### Converter - Controller

V100216	ledTec.flex   controller   display	Player with 1 HDMI mini out (Terminal), video out: Wifi
V100217	ledTec.flex   controller   display   software   lizence 12 mounts	Software
V100213	ledTec.flex   converter   advanced   v1.0	ARTNet in / LPIX2 out
V100272	ledTec.flex   converter   hdmi-artnet	HDMI to Artnet