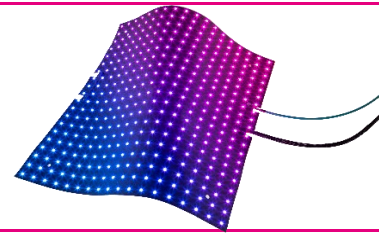


ledTec.flex | wallpaper | p32 | 2500lm | ip20

preliminary

The ledTec.flex | display | p32 is a thin, flexible LED display with 20 x 18 pixels (640 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.



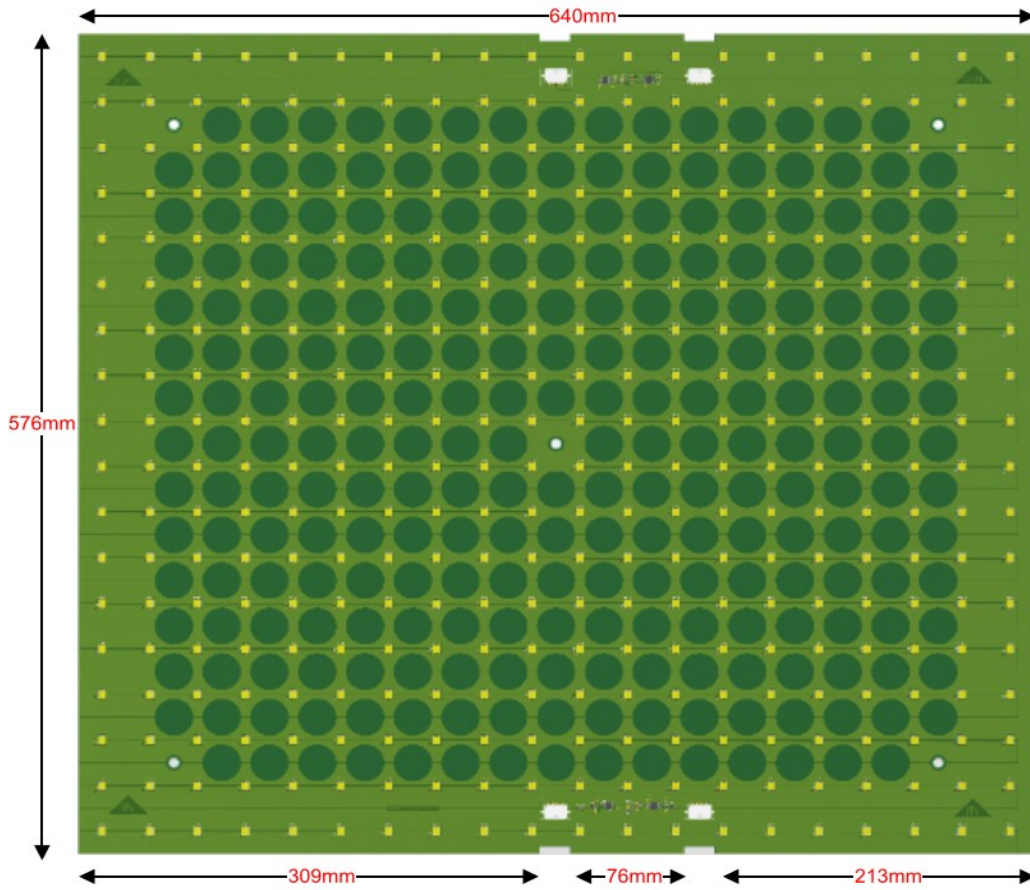
LED Pitch	32mm
Light Source (LEDs)	360 pixels per foil / 977 pixels per sqm. RGB SMD LED, individually controllable
Luminous flux	2500lm/sqm
Color point white (k)	9000K
Surface	Polyimide (PI)
Pixel per Tile	20(horizontal) x 18(vertical)
DimensionsLxWxH	640mm x 576mm x 6mm (connector height)
Color of the surface	deep black
LED colors	RGB
Colour resolution	16.7 Million colors / 8bit per color
LED PWM frequency	6.9 kHz
Frame rate	max 60Hz
Beam Angle	120°
Ambient temperature during operation	min 0°C / max 50°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



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

Mounting (dimensions in mm)

The ledTec.flex | display | p32 is a thin, flexible LED display with 20 x 18 pixels (640 x 576mm) and a 32.0mm pixel
Velcro Mounting



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

Ordering

The ledTec.flex | display | p32 is a thin, flexible LED display with 20 x 18 pixels (640 x 576mm) and a 32.0mm pixel pitch. The foil has a brightness of 2500 lumen

Fixtures

Item Code	Description	Data
V10 0019	ledTec.flex display p5 3000 black ip65	3000 NIT / pixel pitch 5mm, IP65
V10 0084	ledTec.flex display p10 7000 deep black ip65	7000 NIT / pixel pitch 10mm, IP65
V10 0085	ledTec.flex banner p16 4000 deep black ip66	4000 NIT / pixel pitch 16mm, IP66
V10 0086	ledTec.flex banner p16 6000 deep black ip66	6000 NIT / pixel pitch 16mm, IP66
V10 0233	ledTec.flex wallpaper p32 2500 v1.0 ip20 black	2500 NIT / 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
V100251	ledTec.flex cable f2f mf 6pin 48.5mm	P32
V100252	ledTec.flex cable starter2f mf-rj45 4pin 0.3m	P32
V100253	ledTec.flex cable starter2f mf 6pin 12m	P32
V100254	ledTec.flex cable starter2f mf 6pin 7m	P32
R10 0025	ledTec.flex data cable CAT5e 5m	Rj45
R10 0026	ledTec.flex data cable CAT5e 10m	Rj45
R10 0027	ledTec.flex data cable CAT5e 20m	Rj45

Power Supply

V100240	ledTec.flex power supply 500W/5V	IP20
V100241	ledTec.flex power supply 100W/24V	IP65
V100242	ledTec.flex power supply 240W/24V	IP65
V100243	ledTec.flex power supply 480W/24V	IP65
V100244	ledTec.flex power supply AC 480W/24V din rail	IP20
	ledTec.flex power supply AC 600W/12V (480)	IP66

Converter - Controller

V10 0216	ledTec.flex controller display	Player with 1 HDMI mini out (Terminal), video out: Wifi
V10 0217	ledTec.flex controller display software lizence 12 mounts	Software
V10 0213	ledTec.flex converter advanced v1.0	ARTNet in / LPIX2 out