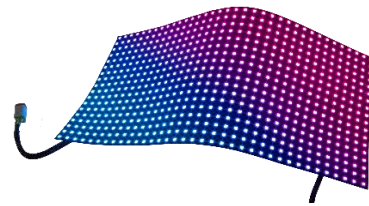


ledTec.flex | banner | p16 | 4000 | v1.0 | ip66

preliminary

The ledTec.flex | banner | p16 is a thin, flexible LED display with 36 x 18 pixels (576 x 288mm) and a 16.0mm pixel pitch. The foil has 4000NIT and is suitable for outdoor banner applications with high lumen output with best on cost electronic design and light weight requirements. The LED unit is unlimited to extend for large video displays.



CE

LED Pitch	16mm
Light Source (LEDs)	3900(Pixel/sqm) RGB SMD LED, individually controllable
Luminance [cd/sqm] max	4600cd/m ² (NIT)
Luminous flux	14000lm/sqm
Color point white (k)	9000K
Colors	RGB 24bit
Colour Range	16.7 Mill Colors
PWM	1200Hz
Gamma correction	1...10 via Advanced converter software
Frame rate	10 -60Hz
Beam Angle	120 deg
Pixel per Tile	18(hor) x 36(ver)
Surface	Poliyimide (PI)
Color of the surface	deepblack or black
DimensionsLxWxH	576mm x 288mm x 2mm (8mm connector height on the backside)
Operating Temperature	-20°C up to 40°C
Storage Temperature	-20°C up to 80°C
Lumen Maintenance	L50 @ 25°C -50.000hrs
Bending radius all directions	800mm
Mounting	Velcro
Cable interface	ledTec.flex connector
Weight	550g per sheet (3000g/sqm)
Environment	outdoor IP66
Humidity	0-90%, non-condensing
Approbation	CE, RoHS, Reach, (ETL on request)

Electrical Specifications

Operating voltage	12 V DC
Power Consumption (typical) foil	50W per foil
Power Consumption (typical) sqm	270W/sqm
Power Consumption (maximum) foil	90W per foil
Power Consumption (maximum) sqm	540W/sqm

System Specifications

Power Supply	AC110V/230V-100 up to 480W/12V
Maximum number of cascaded foils	3
Control Standard	LPIX2
Converter	ledTec.flex converter advanced v1.0

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Mounting (dimensions in mm)



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Ordering

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

Mounting

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

K200029	ledTec.flex starter cable banner black 5m	P16, IP66, power&data
V100250	ledTec.flex cable f2f mf 4pin 48.5mm	P32, Ip22, data
V100251	ledTec.flex cable f2f mf 6pin 48.5mm	P32, Ip22, power
V100252	ledTec.flex cable starter2f mf-rj45 4pin 0.3m	P32, Ip22, data
V100253	ledTec.flex cable starter2f mf 6pin 12m	P32, Ip22, power
V100254	ledTec.flex cable starter2f mf 6pin 7m	P32, Ip22, power

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
V100277	ledTec.flex power supply AC 480W/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 license 12 mounts	Software, 12 mounts
V10 0213	ledTec.flex converter advanced v1.0	ARTNet in / LPIX2 out
V100272	ledTec.flex converter hdmi-artnet v1.0	HDMI in / ARTNet out
S400003	ledTec.flex converter hdmi-artnet license 6480pixel	Software, one time license
V100263	ledTec.flex switch box outdoor 15 output	Switch pro with 15 output, worldwide
V100260	ledTec.flex converter box 12v basic outdoor 18	data & power for 18 P16, worldwide
V100264	ledTec.flex media control box outdoor	6/7 outputs; HDMI input; 110/230V