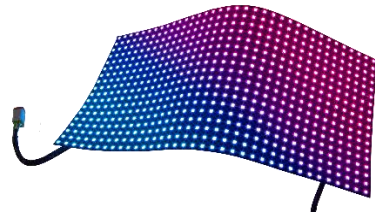


## ledTec.flex | banner | p16 | series 4200

V100306

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, advanced white point settings, advanced PWM processing and light weight. The LED unit is unlimited to extend for large video displays.



<b>LED Pitch</b>	16mm
<b>Light Source (LEDs)</b>	3906(Pixel/sqm) RGB SMD LED
<b>Luminance [cd/sqm] max</b>	>4000cd/m <sup>2</sup> (NIT)
<b>Luminous flux</b>	>10000lm/sqm
<b>Color point white (k)</b>	6500K to 14000K
<b>Colors</b>	RGB 8 bit
<b>Colour Range</b>	16.7 Mill Colors
<b>PWM</b>	8kHz
<b>Gamma correction</b>	default 2.2, adjustable
<b>Frame rate</b>	15-60Hz
<b>Beam Angle</b>	120 deg
<b>Pixel per Tile</b>	18(hor) x 36(ver)
<b>Surface</b>	FR4
<b>Color of the surface</b>	Deep Black
<b>DimensionsLxWxH</b>	576mm x 288mm x 2mm (+8mm at back side cable terminal)
<b>Operating Temperature</b>	-20°C up to 40°C
<b>Storage Temperature</b>	-20°C up to 80°C
<b>Bending radius all directions</b>	800mm
<b>Mounting</b>	Velcro
<b>Cable interface</b>	ledTec.flex connector
<b>Weight</b>	4000g/sqm
<b>Environment</b>	outdoor equivalent to IP66
<b>Compliance</b>	CE, RoHS, WEEE, Reach, (ETL on request)
<b>Electrical Specifications</b>	
<b>Operating voltage</b>	12 V DC
<b>Power Consumption (typical) foil</b>	40W per foil
<b>Power Consumption (typical) sqm</b>	248W/sqm
<b>Power Consumption (maximum) foil</b>	80W per foil
<b>Power Consumption (maximum) sqm</b>	482W/sqm
<b>System Specifications</b>	
<b>Power Supply</b>	AC110V/230V-100 up to 480W/12V
<b>Maximum number of cascaded foils</b>	3
<b>Control Standard</b>	LPIX2
<b>Converter</b>	ledTec.flex   converter   advanced   v1.0 - input control Artnet