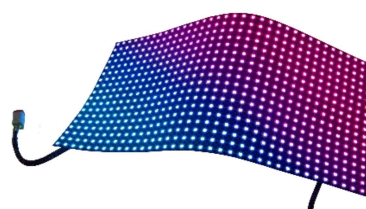


## ledTec.flex | banner | p16 | v2.1

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 with best on cost electronic design and light weight requirements. 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>	6.500K to 14.000K
<b>Colors</b>	RGB 24bit
<b>Colour Range</b>	16.7 Mill Colors
<b>PWM</b>	8kHz
<b>Gamma correction</b>	default 2.2, adjustable
<b>Frame rate</b>	10 -30Hz
<b>Beam Angle</b>	120 deg
<b>Pixel per Tile</b>	18(hor) x 36(ver)
<b>Surface</b>	Polyimide (PI)
<b>Color of the surface</b>	deepblack or black
<b>DimensionsLxWxH</b>	576mm x 288mm x 2mm (8mm connector height on the backside)
<b>Operating Temperature</b>	-20°C up to 40°C
<b>Storage Temperature</b>	-20°C up to 80°C
<b>Lumen Maintenance</b>	L50 @ 25°C -50.000hrs
<b>Bending radius all directions</b>	800mm
<b>Mounting</b>	Velcro
<b>Cable interface</b>	ledTec.flex connector
<b>Weight</b>	550g per sheet (3000g/sqm)
<b>Environment</b>	outdoor according to IP66
<b>Humidity</b>	0-90%, non-condensing
<b>Approbation</b>	CE, RoHS, WEEE, Reach, (ETL on request)

### Electrical Specifications

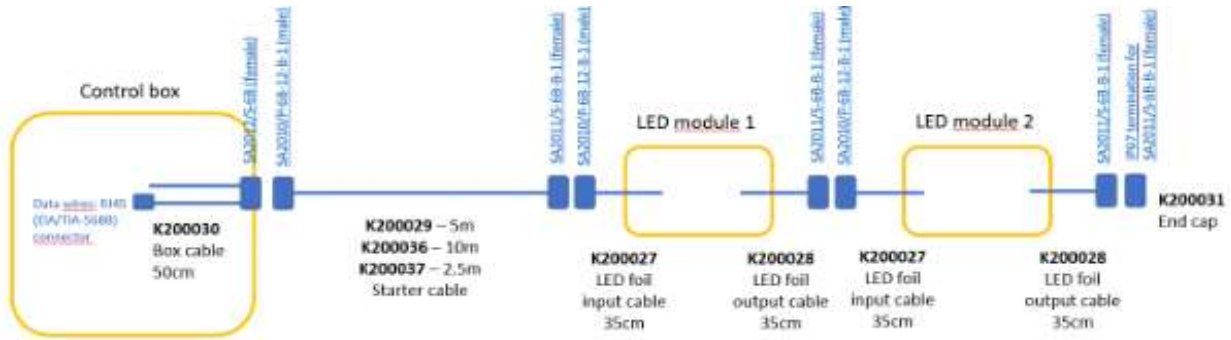
<b>Operating voltage</b>	12 V DC
<b>Power Consumption (typical) foil</b>	40W per foil
<b>Power Consumption (typical) sqm</b>	248W/sqm
<b>Power Consumption (maximum) foil</b>	80W per foil
<b>Power Consumption (maximum) sqm</b>	482W/sqm

### System Specifications

<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



Cable Diagram



Outdoor System Diagram

