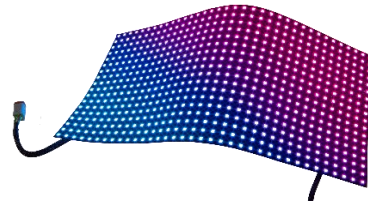


ledTec.flex | banner | p16 | v2.0

V100249

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 3500NIT 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.



| | |
|--------------------------------------|--|
| LED Pitch | 16mm |
| Light Source (LEDs) | 3906(Pixel/sqm) RGB SMD LED |
| Luminance [cd/sqm] max | 3500cd/m ² (NIT) |
| Luminous flux | 10000lm/sqm |
| Color point white (k) | uncalibrated (>22.000K) |
| Colors | RGB 24bit |
| Colour Range | 16.7 Mill Colors |
| PWM | 1200Hz |
| Gamma correction | adjustable |
| 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 -35.000hrs |
| Bending radius all directions | 800mm |
| Mounting | Velcro |
| Cable interface | ledTec.flex connector |
| Weight | 550g per sheet (3000g/sqm) |
| Environment | outdoor according to IP66 |
| Humidity | 0-90%, non-condensing |
| Approbation | CE, RoHS, WEEE, Reach, (ETL on request) |

Electrical Specifications

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

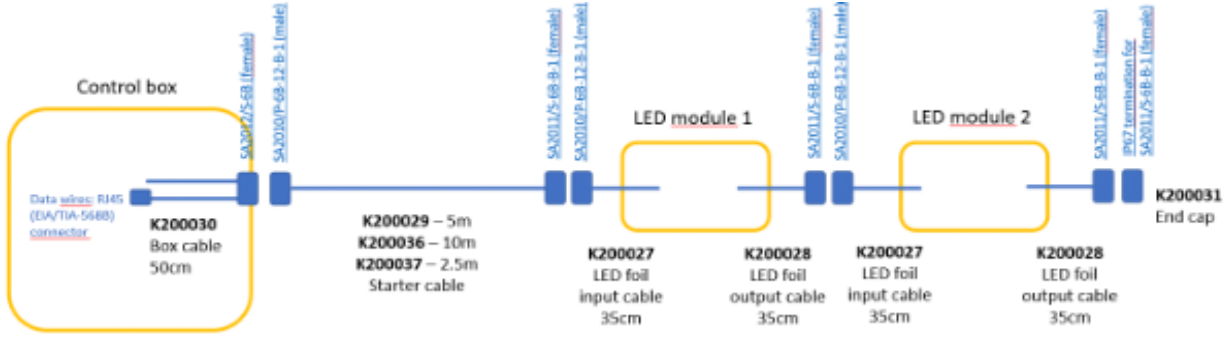
System Specifications

| | |
|---|--|
| 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 - input control Artnet |

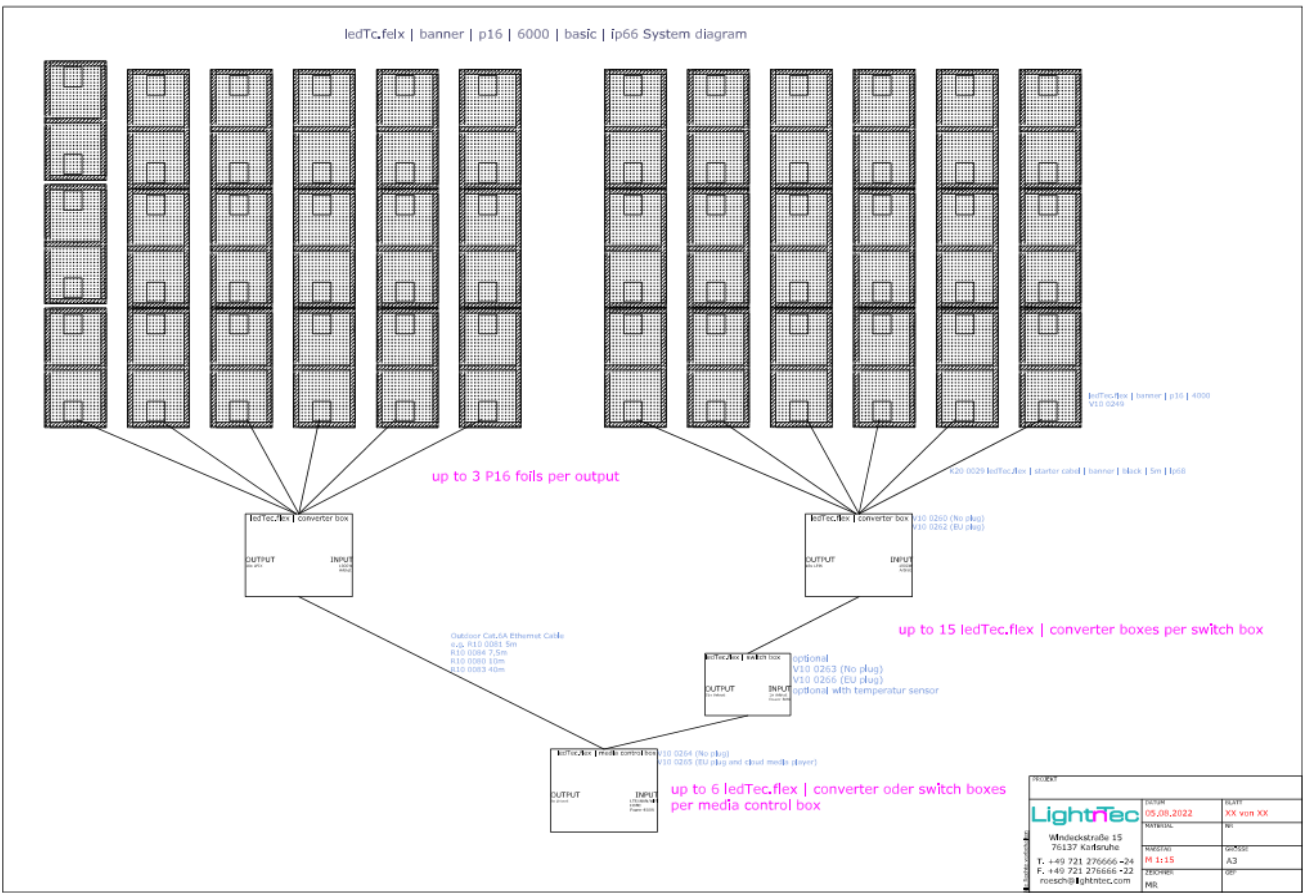


ledTec.flex | banner | p16 | v2.0 System Diagram

Cable Diagram



Outdoor System Diagram



ledTec.flex | banner | p16 | v2.0

Ordering

Fixtures

| Item Code | Description | Data |
|-----------|--------------------------------------|--------------------------------------|
| V100019 | ledTec.flex display p5 V1.0 | 3000 NIT / pixel pitch 5mm, Outdoor |
| V100249 | ledTec.flex banner p16 V2.0 | 3500 NIT / pixel pitch 16mm, Outdoor |
| V100233 | ledTec.flex wallpaper p32 V2.0 | 2500 cd/sqm / pixel pitch 32mm, IP20 |

Mounting

| | | |
|---------|---|-----------------------|
| R100184 | ledTec.flex mounting hook fastener, velcro, black | hook role, 45m x 25mm |
|---------|---|-----------------------|

Cables & Connector

| | | |
|---------|--|--------------------------|
| K200037 | ledTec.flex starter cable banner black 2.5m | P16, outdoor, power&data |
| K200029 | ledTec.flex starter cable banner black 5m | P16, outdoor, power&data |
| K200036 | ledTec.flex starter cable banner black 10m | |
| K200043 | ledTec.flex starter cable banner black 20m | P16, outdoor, power&data |
| K200030 | ledTec.flex starter (Power+Data) banner black 50cm | P16, outdoor, power&data |
| K200031 | ledTec.flex endcap ip68 | P16, outdoor |

Power Supply

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

Converter - Controller

| | | |
|---------|---|---|
| V100216 | ledTec.flex controller display | Player with 1 HDMI mini out (Terminal), video out: Wifi |
| V100217 | ledTec.flex controller display software license 12 mounts | Software, 12 mounts |
| V100213 | ledTec.flex converter advanced v1.0 | ARTNet in / LPIX2 out |
| V100272 | ledTec.flex converter hdmi-artnet v1.0 | HDMI in or Player / ARTNet out, w/o software license |
| V100297 | ledTec.flex converter hdmi-artnet mini | Player / ARTNet out, w/o software license |
| V100299 | ledTec.flex converter hdmi-capture usb | HDMI in/ video compressed |
| 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 |