

ledTec.flex | banner | p8 | series 1

preliminary

This is a 8mm pixel pitch thin flexible outdoor LED-foil-display. The weight of the display canvas will be 5kg/sqm. The application of the foil is to replace outdoor printed banner by digital banner and the luminance of the foil is > 5800cd/sqm. The overall display canvas has no limits in size.



LED Pixel Pitch	7,8125mm
Light Source	RGB LED
Luminance	>5800cd/m ² (NIT)
Pixel per tile	64(hor) x 64(ver)
Dimensions (LxWxH)	500mm x 500mm x 14mm (max at cable terminal, rest 6mm)
Colors	RGB (native, @gamma2.2)
PWM	>4000Hz
Beam Angle	120°
Operating Temperature	-20°C up to 40°C (above 40°C derating, max 50°C)
Storage Temperature	-20°C up to 80°C
Mounting	Velcro
Cable interface	power in (2 wire) data in (Cat6) data out (Cat6)
Weight	1250gr/sheet or 5000gr/sqm
Environment	outdoor equivalent to IP66
Compliance	CE, RoHS, Reach

Electrical Specifications

Operating voltage	24 V DC +2V, -5V
Power Consumption (typical) foil [W]	50
Power Consumption (typical) sqm [W]	200
Power Consumption (maximum) foil [W]	150
Power Consumption (maximum) sqm [W]	600

System Specifications

Power Supply	Standard 24V SMPS
Control	Novastar
Max cable length	Data - 50m Power - (TBD)
Power	smpls to sheet
Data	daisy chain max 200 sheets