



GOB VERSION



DEFINITION



MUTE



CONTRAST



FUNCTIONAL



LOW POWER

LEDinUSA.com



LED FLEX™

THE FLEXIBLE SOLUTION

OFFERING LIMITLESS SURFACE DESIGNS

SPECIFICATION SHEET



Flexible soft 2.5mm LED display panels



LEDFLEX™ Datasheet

Physical parameter	Pixel configuration	SMD2121
	Pixel pitch	2.5mm
	Pixel martrix per panel	96x48 pixels
	Pixel density	160 000 pixels/sq.m
	Module Dimensions	240x120mm
	Panel material	aluminum/iron
	Module weight	0.35kg/module
Electronic parameter	Color grayscale	16bit
	Gray Scale per Color	8192 level
	Refresh rate	3840Hz
	Driving Type	1/32 scan
	Signal Transmission Distance	CAT5 cable: <100 m; Single mode fiber: <10 km
Optical parameter	Brightness	1000nits
	Optimal Horizontal Viewing Angle	160 degree
	Optimal Vertical Viewing Angle	160 degree
Electrical parameter	AC inout voltage	110-220V±10%
	AC Input Frequency	50 or 60Hz
	AC Input Power Max Value	800W/sq.m
	AC Input Power Ave Value	240-400W/sq.m
	Storage Temperature	-40 to 60 °C
Circumstance Parameter	Working Temperature	0 to 45 °C
	IP rating	IP31
	Storage Humidity (RH)	10%~90% non-condensing
	Working humidity (RH)	10%~95% non-condensing
	Lifetime Typical Value	100000hrs on half brightness