



FEELIS USA, INC.

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Technical Specification of Embedded LED Light Board (Type E)

Thickness	6.0mm	
Light Guide Panel	5.8mm Acrylic with V cut (Individual Unique Pattern)	
Available Shape	Rectangular, Round and Any Shape	
Minimum Size	3" x 3" (75mm x 75mm)	
Maximum Size	48" x 96" (1,200mm x 2,400mm)	
Input Voltage	12 V DC or 24V DC	
LED	Package	2835 Package
	CRI	Ra 95 or More
	Pitch	8.33mm (120 LED's per Meter)
	Wattage	11 Watts / m (3.3 Watts / ft)
LED Location	One Side, Two Side or All Around	
LED Strip Design	Constant Voltage Type (Available Dimming Function by Optional)	
Reflector Sheet	0.225mm Thickness Polyester Film	
Illuminating Face	Single Face or Double Face	
Color Temperature	2700K, 3000K, 3500K, 4500K, 5500K and 6500K	
Weight	1.43 lbs/ft ² (7.2 kg/m ²)	
D.C. Power Cord / Connector	22 AWG with Barrel Connector (5.5mm / 2.1mm) or Open Cable	
Length of D.C. Power Cord	1,500mm (Optional : 3,000mm or Others / Max : 5,000mm)	
Color of D.C. Power Cord	Black	
D.C. Power Cord Outlet	Side or Back (Side is Typical)	
D.C. Power Supply (Optional)	Adapter Type DC Power Supply (UL Listed and CE Approved)	
Dimming (Optional)	By External Line Dimmer or By Others	
Diffuser Plate (Optional)	1.5mm Thickness Milky Poly Carbonate Plate	
Cutout (Optional)	Available Outside or Inside Cutout	
Operating Temperature	-30°C ~ +40°C	
Environment	Suitable for Dry and Damp Location	
Certification	UL listed (E344086) and CE approved	