EMBEDDED LED LIGHT GUIDE PANEL
Dry and Damp Rated - 0.24in (6mm) Thick Profile - Static

TEMPERATURES

WORKING TEMPERATURE:
-22°F (-30°C) ~ 104°F (+40°C)

OUTPUT

LED Light	Samsung High CRI (Ra 95 or More)
Light Engine Type	Samsung LED Light Engine
Power Consumption	3.3W/ft (11W/m)
LED Location	One side, Two side or All round
LED Pitch	0.32in (8.33mm) 120 LED's per meter
LED Strip Design	Constant Voltage Type

ELECTRICAL

D.C. Power Cord Size | Color	22 AWG, 2 Conductors | Black
D.C. Power Cord Length	Standard 59.06in (1500mm) | Optional 118.11in (3000mm) | Max. 196.87in (5000mm)
Power Cord Outlet	Side (Typical) or Back
Power Supply (Optional)	Adapter Type DC Power Supply DC 12 Volt: Max 4.86 Amp / 58.5 Watt DC 24 Volt: Max 3.77 Amp / 90.9 Watt UL Listed or CE approved
Barrel Connector	2.1mm Male connector on power supply 5.5mm Female connector on LED Light Panel or Open Cable

FEATURES

Color Temperature	2700K, 3000K, 3500K, 4500K, 5500K, 6500K
Diffuser Plate (Optional)	0.06in (1.5mm) Thickness Diffused Poly Carbonate Plate
Safety Design	Plastic corner pieces for protection
Dimming	By external line dimmer (optional) or by others
Light Guide Panel	0.23in (5.8mm) Acrylic with V cut (Individual Unique Pattern)
Illuminating Face	Single Face or Double Face

PHYSICAL

Thickness	0.24in (6mm)
Available Shape	Rectangular, Round or Any Shape
Minimum Size	3in x 3in (76mm x 76mm)
Maximum Size	48in x 96in (1219mm x 2438mm)
Weight	1.43lbs / sq ft (7.2Kg / sq meter)
Mounting	By double sided tape, standoffs, z clips, or others
Reflector Sheet	0.01in (0.225mm) Thickness Polyester Film
LED Package	2835 Package
Cutout (Optional)	Available Outside or Inside Cutout

DEPENDABILITY

Lumen Maintenance	(L70) 50,000hrs

CERTIFICATIONS & FEATURES

- 12 DC
- 24 DC
- 2 YEAR WARRANTY
- RDM DMX

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GLLS reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance. REV. 20251121

2