Complete LED Backlighting System

**Infuse™ LED Panel**

**Front Face View**

- **Maximum Length:** 8’-9”
- **Maximum Width:** 4’-0”

**8 mm (5/16”) acrylic panel**

Etched grid evenly distributes light across face of panel

**Wire exit/power cord**

(1 per LED strand or 1 per panel, depending on panel size)*

**LED light source**

(to run on 1, 2, 3 or 4 sides of panel)*

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**specifier:** please fill in red boxes below.

**manufacturer:** GPI Design/GPI International (www.gpidesign.com)

**Product Name:** Infuse™ LED Backlighting System

**Listing:** UL Listed

**Description:**

Surface mounted low voltage edge lit LED panels, nominal 8mm clear acrylic board with grid etching, LED at 1, 2, 3 or 4 sides (to be determined by lighting designer and manufacturer), useful life 70000 hours, color temperature as noted below, lengths/widths as needed (to be coordinated with architect and lighting designer).

Each panel to be individually dimmable to allow for balancing of light intensity. LED Panels and dimming packs shall be manufactured by the same company (GPI Design/GPI International). Manufacturer to provide shop drawings for approval by designer prior to fabrication.

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**Infuse -**

**Model** - **Area of illumination** - **Driver Type** - **Temperature** - **Surface to be illuminated** - **Optional Diffuser**

**(overall square footage of all panels)*

Panel Length - Panel Width (if available, or forward drawings )*

**PS = Power Supply**

**D = Power Supply with Dimming Capability**

**53 = Cool White (5300K)**

**35 = Warm White (3500K)**

**RGB = Colored RGB**

**ALT = Other temperatures achieved with color filters, please indicate preferences**

**DURA = Dura-Lite™ Glass Backed Stone panels manufactured by GPI**

**GPI = Surface manufactured by others, but incorporated into GPI’s bid, please forward specifications.**

**OTH = Surface by others, please forward specifications.**

**DIF = DIFFUSER, OPTIONAL AND AS ADVISED per GPI**

Please forward:

1) specification of the surface to be illuminated

2) depth of lighting cavity between surface and LED panel

for GPI to evaluate need for diffusers.

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*Note to bidder: forward full set of dimensioned drawings, including plans, elevations, and section details for GPI to provide ideal system design and accurate pricing.*