



CUSTOM LITEPAD

A low-voltage light source providing even, indirect illumination. LitePad consists of an acrylic sheet with white LEDs directed through a patented system of amplifying light channels.

LitePad's solid-state construction enables fabrication of virtually any shape or size. At a slim 8mm thick, designers can integrate LitePad into a multitude of applications where illumination is desired.

Available in DL or HO (33% brighter) configurations.

Rosco Project Consultants and a LitePad Design Guide are available to help you determine your project needs.

Features

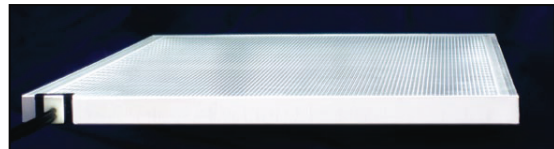
- **LED Type:** .25 Watt Surface Mounted Diode
- **Construction:** Optical Grade Clear Acrylic
- **Panel Thickness:** 8mm (0.3 in)
- **Weight:** 900g (2 lbs) / foot²
- **Operational Temperature:** -30°C min to 70°C max
- **Estimated Lifespan:** 50,000+ hours
- **Operating Voltage:** 12 Volt DC
- **Warranty:** 2 Years

Optical Properties

- **LED Spacing Options:**
DL: 18 LED's per linear foot
HO: 24 LED's per linear foot
- **LED Positioning Options:** LED ribbon may be located on 1, 2 or 4 sides of panel depending on the desired level of brightness.
- **Color Temperature Options:**
5300°K 3700°K 2800°K

Physical Properties

- **Single Panel Size:**
Max: 48"W x 96"L (1219mm x 2438mm) (tileable)
Min: 1.5"W x 1.5"L (38mm x 38mm)
- **Shaping:**
LitePads can be factory cut into just about any flat shape imaginable. As well, they can be drilled or tooled anywhere across the interior surface within 1 inch of it's edge.
- **Heat Control:**
An integral aluminum heat sink is mounted on the rear of the panel to disperse heat build-up, reducing the need for external cooling and prolonging service life.
- **Thin Film Reflector:**
LitePads include a reflective opaque white backing to maximize optical brightness and distribution of light.
- **IP Rating:**
 - IP61



Ordering Information

LED Spacing	Color Temperature	Size	LED Placement
DL HO	5300K 3700K 2800K	Length x Width (inches/mm) Diameter CS - Custom shape (drawing may be required)	L1 - 1 Long Edge L2 - 2 Long Edges S1 - 1 Short Edge S2 - 2 Short Edges A4 - All 4 Sides DIA - Diameter CI - Custom Illumination
Example: HO - 5300K - 3x3 - L1			

Contact customlitepad@rosco.com for specification questions

Date: _____ Type: _____

Firm Name: _____

Project: _____

Electrical Properties

- **Power Consumption:** .25 watts per LED
- **Coordination:** Panels may be wired together in parallel not series. Each panel must have direct connection to a power supply.
- **Power Supply:** Rosco has a complete range of approved power supplies to meet your project requirements.
- **Dimming/Control:** Rosco can provide a full suite of dimming and control accessories to complement your custom LitePad.
- **Wire Placement:** The point of wire entry is customizable to accommodate your projects tiling requirements.
- **Cord Length:** LitePad comes standard with a 4' power cable with barrel connector. This is customizable based upon the needs of your project.

rosco architectural

Acrylic Properties

- **Flammability Classification:** 94HB
- **Smoke Density (D2843)** 4-10%
- **Deflection:** LitePad may bow if the panel area is too large. Broad sheets should be supported every 30 inches in any direction.

