

Rosco LitePad RGB is a color changing, flat panel LED light source providing even, indirect lighting. At only 10mm thick, LitePad RGB is perfectly suited to virtually any backlighting installation or to projects where only a cool, low profile light source can be used. LitePad's patented system is comprised of indirect LED sources machined into a cast acrylic panel. Light amplifying channels etched into the rear surface of the plastic sheet smoothly and evenly distribute light across the entire surface of the LitePad. This durable and reliable construction can be fabricated in virtually any size or shape and is easily installed. A variety of options are available to customize light output, power management, and dimming control. Rosco project consultants are available to assist in specifying the optimal configuration of panels and accessories for your project.



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SPECIFICATIONS

LED Type: .25 Watt Surface Mounted Diode

Construction: Optical Grade Clear Acrylic

Panel Thickness: 0.31 in (8mm)

Weight: 2 lbs (900g)/ft²

Operational Temperature: -22°F min to 104°F max
(-30°C min to 40°C max)

Estimated Lifespan: 50,000+ hours

Operating Voltage: 12 Volt DC

UL Listed: File E350056

Warranty: 3 Years



ELECTRICAL PROPERTIES

Power Consumption: 5w per ft

Coordination: Panels may be wired together in parallel, not series. Each panel must have direct connection to a power supply.

Wire Placement: The point of wire entry is customizable to accommodate your project's tiling requirements. Please consult with your project specialist.

Dimming/Control: Rosco can provide a full suite of dimming and control accessories to complement your custom LitePad.

Cord Length: LitePad comes with a 4 ft (1.2m) 4 core cable, 3 connections represent each of the single color LED's for mixing and the fourth is a common ground.

PHYSICAL PROPERTIES

Single Panel Size:

Max: 47"W x 118"L (1.2m x 3m)

Min: 6" W x 6" L (152mm x 152mm)

Shaping: LitePads can be factory cut into just about any shape imaginable. Also, they can be drilled or tooled anywhere across the interior surface within 1 inch of its 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

IP67 available on request

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 18 inches in any direction.

OPTICAL PROPERTIES

LED Positioning Options: LEDs can be positioned around any number of sides or the entire circumference.

IES and colorimetry data can be found on our website www.rosco.com

SPECIFICATION ORDERING INFORMATION



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

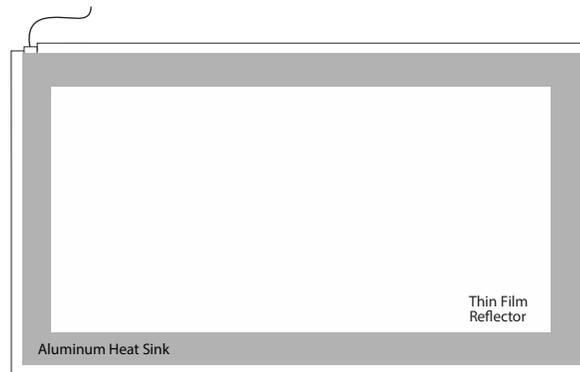
Example: RGB - 3x3 - L1

Contact customlitepad@rosco.com for specification questions

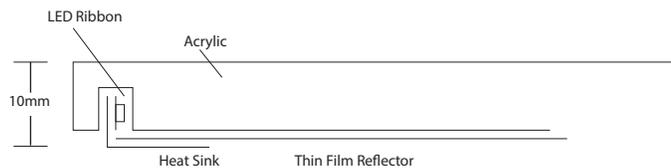
Typical LitePad
Front View



Typical LitePad
Back View



Typical LitePad
Side View



Name: _____ Date: _____

Company Name: _____

Project: _____