

Custom LitePad Product Launch Information

[Overview](#)

[Sell Sheet](#)

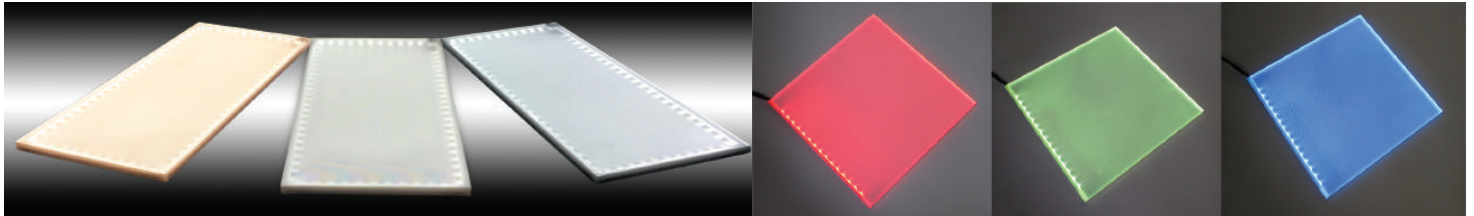
[LitePad HO90](#)

[LitePad CCT](#)

[LitePad RGB](#)

[Demo Offer](#)

	LitePad HO90	LitePad CCT	LitePad RGB
LED Placement	customizable	1, 2 or all edges	1, 2 or all edges
LED Spacing	11mm	9mm	11mm
Watts/Ft	5 W/ft @ max	4W/ft @ max	5 W/ft @ max
CRI	90+	Variable	N/A
Color/Color Temp	2800K/4000K/5300K	3000K to 6500K	RGB color mixing
Tunable Color Temperature	No	Yes	No
Color Mixing	No	No	Yes
IP Rating	IP61 Standard (IP67 by special order)	IP61 Standard (IP67 by special order)	IP61 Standard (IP67 by special order)
Panel Thickness	8mm	8mm	10mm
Maximum Size	59" (1.5m) x 118" (3.0m)	59" (1.5m) x 118" (3.0m)	47" (1.2m) x 118" (3m)
Panel Weight	2 lb/ft ² (9.5 kg/m ²)	2 lb/ft ² (9.5 kg/m ²)	2.5 lb/ft ² (11.9 kg/m ²)
Operating Temp Range	-22°F (-30°C) to 104°F (+40°C)	-22°F (-30°C) to 104°F (+40°C)	-22°F (-30°C) to 104°F (+40°C)
Input Power	12 VDC	12 VDC	12 VDC
Lead/Connector	20 AWG wire with 2.1mm x 5.5mm barrel connector	20 AWG wire with 2.1mm x 5.5mm barrel connector	20 AWG wire



For soft, even illumination from a low profile LED panel, Rosco LitePad is the first choice of designers, architects, and installers worldwide.

Fully customizable in size, shape, light output, and control, LitePads feature a slim, lightweight, durable profile that installs easily to illuminate any architectural project – from point-of-sale displays and retail fixtures to dramatically lit building facades and feature walls.

Rosco’s global project specialists will insure the success of your project, providing expert configuration and integration support from beginning to end, working with designers, contractors and installers to make sure your project goes smoothly.

LitePad HO90

- 90 CRI for superior color rendering.
- Full dimming control available
- Available in 2800K, 4000K, 5300K.

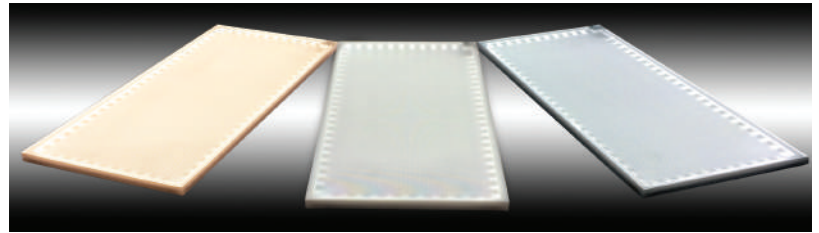
LitePad CCT Tunable White

- Dual chip control offers variable color temperature from 2800K - 6500K
- Full dimming control available

LitePad RGB Variable Color

- Tri-Chip RGB strips evenly mix to a full palette of colors.
- No color fringing or aberrations
- Full dimming control available

Rosco LitePad HO90 is a flat panel LED light source providing even, indirect lighting and is available in three color temperatures: 2800K, 4000K, and 5300K. At only 8mm thick, LitePad HO90 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 specialists are available to assist in specifying the optimal configuration of panels and accessories for your project.

LitePad HO90 offers all the same features of Rosco's standard LitePad product but offers a superior color rendering for projects where color fidelity is critical.

SPECIFICATIONS

LED Type: .25 Watt Surface Mounted Diode

Construction: Optical Grade Clear Acrylic

Panel Thickness: 0.3 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.

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 project's tiling requirements. Please consult with your project specialist.

Cord Length: LitePad comes with a 4 ft (1.2m) two core cable. Cord length and termination is customizable based on the requirements of your project.

PHYSICAL PROPERTIES

Single Panel Size:

Max: 59"W x 118"L (1.5m x 3m)

Min: 1.5" W x 1.5" L (38mm x 38mm)

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.

Color Temperature Options: 2800K, 4000K, 5300K

SPECIFICATION ORDERING INFORMATION

LED TYPE

HO90

Color Temperature

5300K
4000K
2800K

Size

Length x Width (inches/mm)
Diameter
CS - Custom shape
(drawing may be required)

LED Placement

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

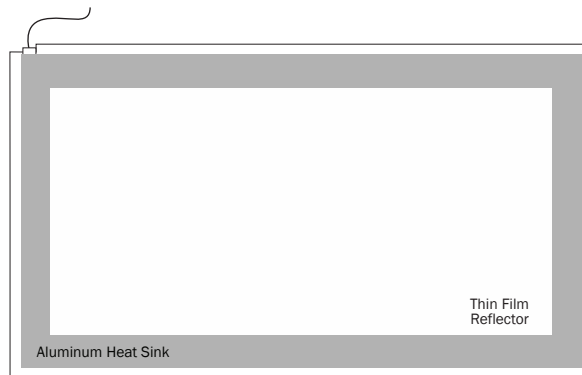
Example: HO90 - 5300K - 3x3 - L1

Contact customlitepad@rosco.com for specification questions

Typical LitePad
Front View



Typical LitePad
Back View



Typical LitePad
Side View



Name: _____ Date: _____

Company Name: _____

Project: _____

Rosco LitePad CCT is a tunable white, flat panel LED light source providing even, indirect lighting and which, at only 8mm thick, 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.



LitePad CCT Tunable White offers all the same features of Rosco's standard LitePad product but includes a variable color temperature light output. Two separate channels of LEDs allow you to dial in the precise quality of white light, from 2800K to 6500K. Dimming and control accessories sold separately.

SPECIFICATIONS

LED Type: .25 Watt Surface Mounted Diode
Construction: Optical Grade Clear Acrylic
Panel Thickness: 0.3 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.
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 project's tiling requirements. Please consult with your project specialist.
Cord Length: LitePad comes with a 4 ft (1.2m) 3 core cable, two connections represent the cool and warm white LED's for mixing and the third is a common ground.

PHYSICAL PROPERTIES

Single Panel Size:
Max: 59"W x 118"L (1.5m x 3m)
Min: 1.5" W x 1.5" L (38mm x 38mm)
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.
Color Temperature Range: Between 2800K and 6500K tuneable.
IES files and colorimetry are available on our website www.rosco.com

SPECIFICATION ORDERING INFORMATION

LED

Color Temperature

LitePad CCT -
2800K to 6500K
tunable

Size

Length x Width (inches/mm)
Diameter
CS - Custom shape
(drawing may be required)

LED Placement

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

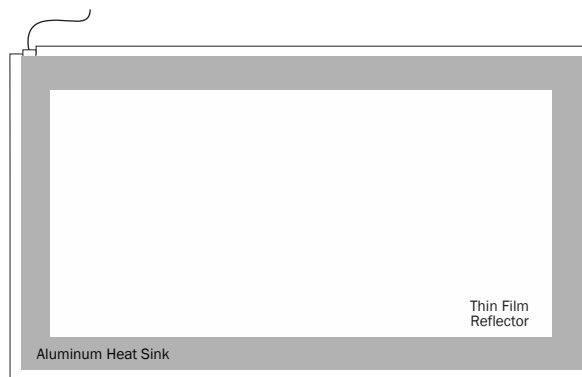
Example: LED - CCT - 3x3 - L1

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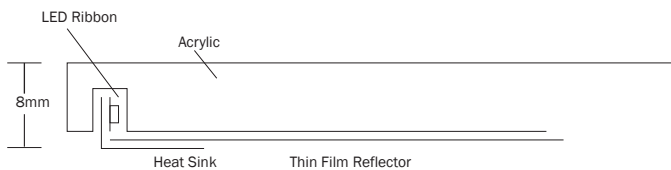
Typical LitePad
Front View



Typical LitePad
Back View



Typical LitePad
Side View



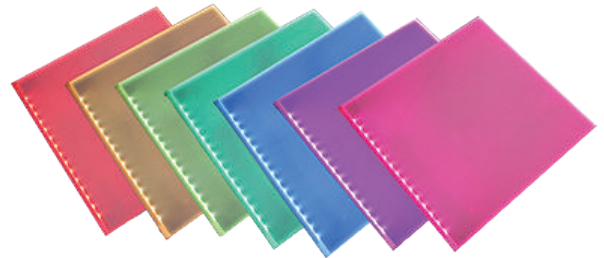
Name: _____ Date: _____

Company Name: _____

Project: _____

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.



LitePad RGB Variable Color offers all the same features of Rosco's standard LitePad product but uses high quality color mixing RGB chips. Three channels of control are used to dial in the precise color desired. Dimming and control accessories sold separately.

SPECIFICATIONS

LED Type: .25 Watt Surface Mounted Diode

Construction: Optical Grade Clear Acrylic

Panel Thickness: 0.4 in (10mm)

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

RGB

Size

LED Placement

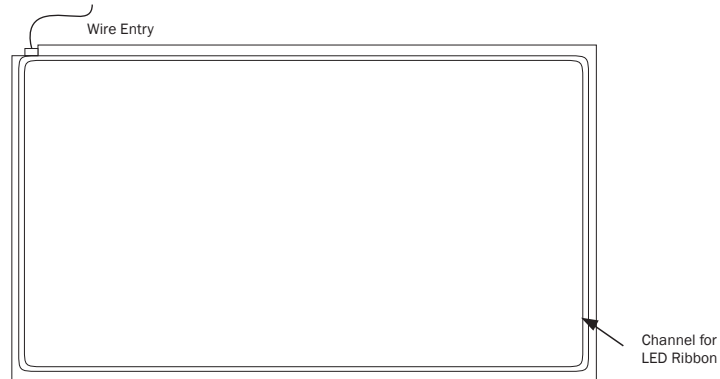
Length x Width (inches/mm)
Diameter
CS - Custom shape
(drawing may be required)

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

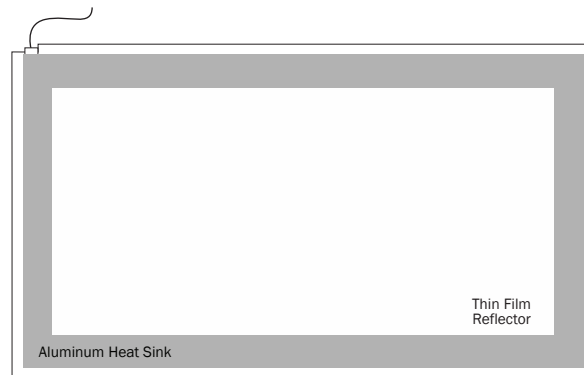
Example: RGB - 3x3 - L1

Contact customlitepad@rosco.com for specification questions

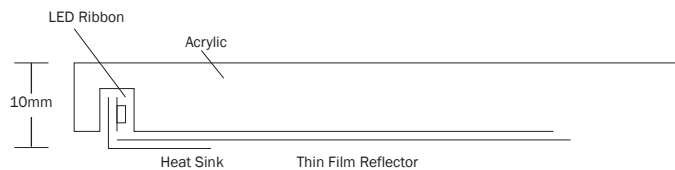
Typical LitePad
Front View



Typical LitePad
Back View



Typical LitePad
Side View



Name: _____ Date: _____

Company Name: _____

Project: _____

DEMO KIT - EMEA, USD

Building on the success of our Custom LitePad products around the globe, we are proud to announce the introduction of the new Custom LitePad product range:

- LitePad HO90: Offering high CRI (90+) LEDs for the most discriminating white color applications
- LitePad CCT: A variable color temperature white light that is tunable from 3000K to 6500K
- LitePad RGB: A color mixing LitePad that uses RGB LEDs to create any hue your customers need

The best way to sell LitePads is to demonstrate its flattering output and its beautiful colors & hues to the lighting designers and integrators that would specify them on their projects. With that in mind, we've created a Custom LitePad Demo kit dealers can purchase for their sales team to introduce the new evolution of LitePads to their customers.

Demo Kit

The kit consists of:

- (1) 2800K 12" x 12" LitePad HO90
- (1) 4000K 12" x 12" LitePad HO90
- (1) 5300K 12" x 12" LitePad HO90
- (1) 12" x 12" LitePad CCT
- (1) 12" x 12" LitePad RGB

Plus, all of the power supplies and controllers necessary to demonstrate the beautiful light output of LitePad in a convenient, protective case.

As an introductory offer – we're offering an extra-low price on the Custom LitePad Demo Kit. Don't miss out on this opportunity to invest in these affordable demo units to capture new Custom LitePad jobs in the future. Order your Custom LitePad Demo Kit today!

Part Number: 290245PNLKIT – Custom LitePad Demo Kit –\$850