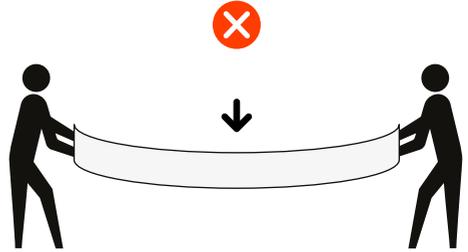


USER'S MANUAL

INSTRUCTIONS

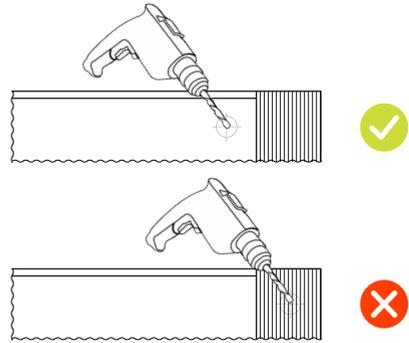
LUXPANEL™

HANDLE LUXPANEL IN VERTICAL

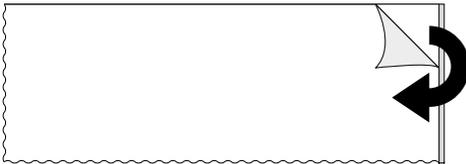


DO NOT DRILL INTO THE PROFILE AREA

You can drill in the rest of its surface



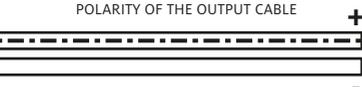
REMOVE THE TRANSPARENT PROTECTOR BEFORE CONNECTING IT



DO NOT CONNECT TO 230V, LUXPANEL IS A LOW VOLTAGE PRODUCT

Connect it to 12V DC or 24V DC, as indicated in the cable label and/or on the label at the back of the product, to a power supply with the same voltage.

POLARITY OF THE OUTPUT CABLE



PROBLEM SOLUTIONS

LUXPANEL™

Symptom	Possible problem	Solution
It does not turn on	Inverse connection (look the instructions)	Check the cable polarity and the power supply, connect them correctly
	Power lack	Connect the Luxpanel to a more powerful power supply (W)
	Inadequate voltage	Connect the Luxpanel to the power supply that indicates on the product label or the cable label
	Excessive buckling	Fix or change the LED illuminator*
	Forced power cable	Fix or change the LED illuminator*
Insufficient light	Excess cable to power supply	Reduce the cable to the power supply
	Inadequate voltage	Connect the Luxpanel to the correct power supply (12V or 24V DC)
Some segments of the LED illuminator aren't working	Excessive buckling	Fix or change the LED illuminator*
The light don't cover the entire surface	You need to connect every side of the Luxpanel	Connect all the cables of the Luxpanel to the respective power supply
The light concentrates on the edges	You don't remove the protector	Remove the protector
	The luxpanel was vinylated directly	Use a surface to vinyl, do not directly vinyl the Luxpanel
There are light marks on the diffuser or in the graphic	Luxpanel and graphic are too closer	Increase the separation between the Luxpanel and graphic
	Inadequate diffuser, too thin	Increase the separation between the diffuser and the Luxpanel

* Get in contact with info@luxpanel.es or call us at (+34) 935 334 600, we will show you how to solve the incidence as soon as possible.

Actilum RGB, S.L. reserves the right to modify totally or partially (without prior notice) any data or specification that appears in this publication..

FREQUENT QUESTIONS

LUXPANEL™

What sizes are available? In what thickness?

In all sizes between 100x100 up to 3.000x1.500 mm (margin of ± 1 mm). Total thickness is 7,6 or 9,6 mm, it depends on the PMMA thickness (6 or 8 mm respectively).

What light color have? Can be RGB?

Luxpanel can illuminate with white light (3.000, 4.000, 5.000 or 6.000K) or RGB (16.000.000 of tones/colors).

Can Luxpanel be round?

Of course! We are the manufacturers of the product so we can make a lot of shapes (circles, triangles, irregular shapes...) meanwhile we can ensure the light homogeneity.

Why Luxpanel have one or two illuminated edges?

We make each Luxpanel to measure, always ensuring the light homogeneity. According to the measures or the required light intensity, the Luxpanel will have one or two illuminated edges.

Why the engrave sometimes is different?

The engrave of the Luxpanel depends on the measures or the required light intensity. Always ensuring the light homogeneity.

In wich place is the power cable and what's its size?

As the manufacturers of the product, we can adapt the position and size of the cable to the needs of each project.

It can illuminate on both faces?

Of course! We can make it one or two illuminated faces.

Can I dive the Luxpanel in liquid?

No. Luxpanel is an IP-44 category product. If you want more sealing you should close it on a space with more watertight. We can offer you a IP-65 solution, ask us for it.

How do I illuminate a surface greater than the maximum allowed?

You can put one Luxpanel near other to cover big surfaces, always respecting the distance between the graphic and the Luxpanel.

Can I use it as direct light supply?

Luxpanel is created for indirect light or retroillumination.

Can I cut, drill or similar?

You can drill in most of it surface, with exception of the profile area. Any other manipulation of the product without our consent will void the guarantee.

It can be vinylated?

No. Luxpanel is a light supply. You can vinyl a polycarbonate and put it over the Luxpanel.

Can I connect two Luxpanel to the same power supply?

Yes, if the power supply has enough power for both.

What's its working temperature?

His surface don't produces heat. His temperature is the ambient temperature. The warmest zone ($\approx 45^{\circ}\text{C}$) is in the profile area.

How long will it last on?

The LED's we use have more than 56.000h useful life.

Do the on and off affects to its useful life?

No.

Can I dimmer the light?

It depends on the Luxpanel.

What's its weight?

As we do to measure the weight of the Luxpanel is variable.

How much it consume?

It depends on each Luxpanel sizes, the illuminated edges and the LED type.

What's its voltage?

Luxpanel is a low voltage product (12V DC or 24V DC, as indicated on the information label).

FOR MORE FREQUENT QUESTIONS:
WWW.LUXPANEL.ES/EN/FAQ

GUARANTEE

The guarantee of the product *Luxpanel* has value of 2 years from the expedition date (see label).

The product must be properly installed and operated in accordance with the manufacturer's instructions given in the user manual.

All products are tested and verified before before being delivered.

This guarantee does not cover the repair and/or replacement of *Luxpanel* if it has signs of abuse, either due to excessive buckling or any kind of manipulation not indicated in the user manual (disassemble the product, reverse the polarity in the connection to the power supply, connect it to a higher voltage than that indicated on the product label or cable, installation in adverse environments ...).

The repair of the *Luxpanel* will take place only on the facilities belonging to or authorized by Actilum RGB, S.L. Once received the damaged material its repair will be carried out in a maximum period of 48h.

In case of non-conformity with *Luxpanel* or malfunction please contact info@luxpanel.es or call us at (+34) 935 334 600. There we will tell you how to proceed to resolve the incident as soon as possible.

HUMIDITY

The relative humidity in the installation should not exceed 80% RH.

AMBIENT TEMPERATURE

The ambient temperature must not exceed the operating temperature range:
-10° C to +45° C.

IP PROTECTION

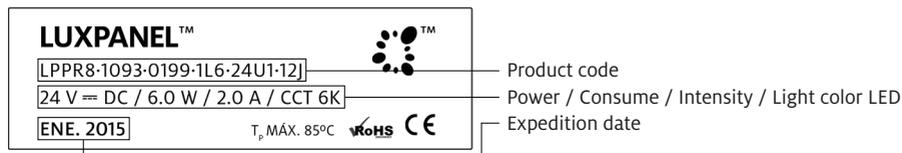
Luxpanel is an IP-44 category product. If you want more sealing you should close it on a space with more watertight. We can offer you a IP-65 solution, ask us for it.

POWER SUPPLIES

Actilum RGB, S.L. offers and distributes power supplies, already tested, for their entire range of products and recommends using the following brands (in order of preference): *Omron*, *MeanWell* and *Fullwat*.

If you do not use these brands, please contact our technical or commercial department, before connecting the product. Otherwise the warranty will be voided.

LABEL



EXAMPLE OF LUXPANEL LABEL

LUXPANEL™

C/ Ramón Viñas 50 (Pol. Ind. El Sot) - 08930, Barcelona
(+34) 935 334 600 · info@luxpanel.es · www.luxpanel.es

ACTILUM™

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