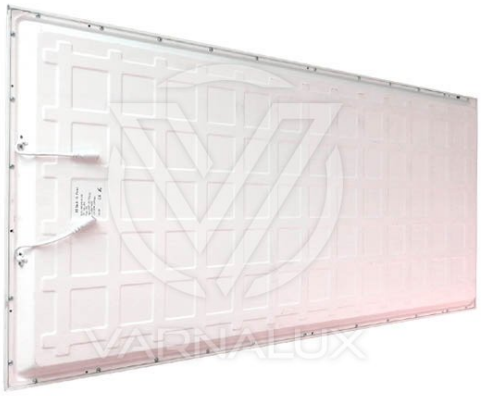
DATA SHEET

VARNALUX

LED BACK-LIT PANEL 120X60

45W | 150 LM/W | 1-10V DIMMABLE

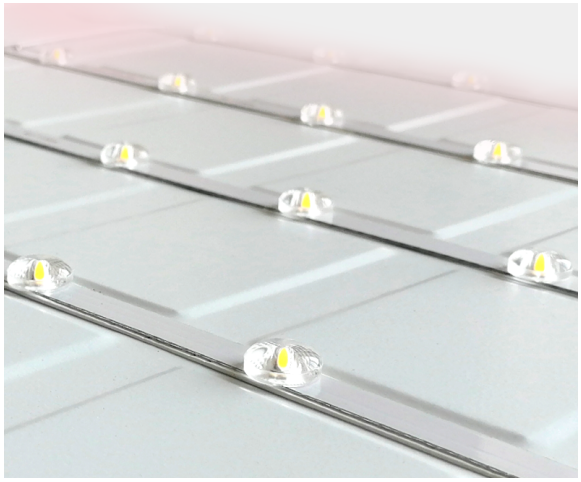


APPLICATION

- Hotels
- Factories and offices
- Commercial purposes
- Residential and institution buildings
- Schools, colleges and universities
- Hospitals

AVAILABLE MODELS	
Color Temp	REF No
3000K	100711
4000K	100715
6000K	100723

595mm Length	45W	6750 LM	5 5 YEARS
3000-6000K	1-10V Driver	IP41	WHITE Frame



DATA SHEET

VARNALUX

LED BACK-LIT PANEL 120X60

45W | 150 LM/W | 1-10V DIMMABLE

GENERAL	
Frame colour	White
Dimensions	595 x 1195 x 35 mm

ELECTRICAL DATA	
Power (consumption)	45W
Input voltage	AC200-240V
Max. current	0.35A
Operating voltage	DC36V
Constant current	1100mA
Power factor	>= 0.95
Driver	1-10V dimmable
Dimming	1-10V

PHOTOMETRICAL DATA	
LED type	SMD2835
LED quantity	96 PCS
Colour rendering index (CRI)	>= 80 Ra
Colour temperature (Kelvin)	3000K / 4000K / 6000K
Luminous efficiency	150 LM/W
Luminous flux	6750 LM
Beam angle	120°

LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

ADDITIONAL INFORMATION	
IP rating	IP41
Electrical class	Class III

AVAILABLE MODELS

Color Temp	REF No
3000K	100711
4000K	100715
6000K	100723



Schematic drawing, not to scale. Dimensions in mm.

DATA SHEET

VARNALUX

LED BACK-LIT PANEL 120X60

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INSTALLATION

STEP 1 **Unpack and check**

Check the integrity of the product when unpacking. Installation must be done by a trained electrician.

STEP 2 **Check the distances**

Keep at least 0.2 m from flammable materials and at least 2 cm between the top of the light and the ceiling. No heat-insulating material around the light.

STEP 3 **Choose the mounting**

In-built (recessed), mounting (surface) or suspending, as shown in the supplier drawings. Fix surface-mounted lights with the pre-fitted clips, securely.

STEP 4 **Lay the cables**

Guide the connecting cables through the drilled hole. No tensile or twisting force on cables and plugs; fit the tension relief; do not kink cables.

STEP 5 **Connect the driver**

After installation connect the driver to the mains supply. Lay the output cables separately from other cables.

STEP 6 **Wire the mains**

The brown wire is live: connect it to terminal L. The blue wire is neutral: connect it to terminal N.

STEP 7 **Driver rules**

Use only the LED driver included. Do not connect the panel to other loads and do not remove the name plate of the driver.

STEP 8 **Switch on**

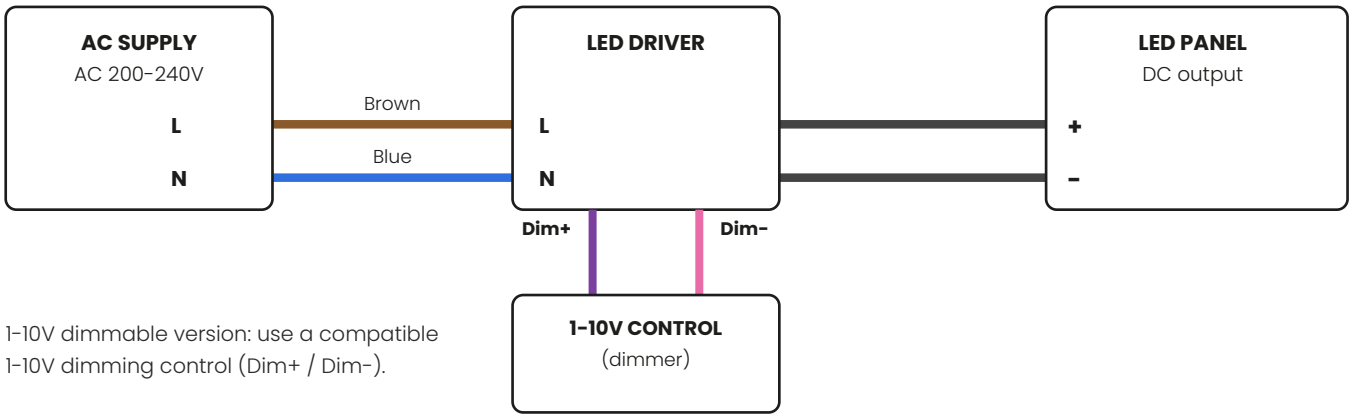
Switch on the mains supply and check the light output.

DATA SHEET

LED BACK-LIT PANEL 120X60

45W | 150 LM/W | 1-10V DIMMABLE

CONNECTION DIAGRAM



1-10V dimmable version: use a compatible 1-10V dimming control (Dim+ / Dim-).

SAFETY & MAINTENANCE:

- This product should be installed by trained electricians. Check the integrity of the product when unpacking it.
- Keep a distance of at least 0.2 m between the light and flammable materials and at least 2 cm between the upper part of the installed light and the ceiling.
- Do not install the light into ceilings or walls that contain heat-insulating material. The mains cable must not be connected with the low-voltage cable.
- Use only the LED driver included and do not connect the light to other loads. Do not remove the name plate of the power supply and the driver.
- Cleaning: disconnect the light from the power supply first. Use a dry or slightly moistened cloth; never use chemicals or abrasives.