DATA SHEET

VARNALUX

LED BACK-LIT PANEL 120X30

28W | 150 LM/W | TRIAC DIMMABLE



APPLICATION

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

AVAILABLE MODELS	
Color Temp	REF No
3000K	100775
4000K	100779
5000K	100783
6000K	100787

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GENERAL	
Dimensions	295 x 1195 x 35 mm

ELECTRICAL DATA	
Power (consumption)	28W
Input voltage	AC200-240V
Operating voltage	DC36V
Constant current	700mA
Power factor	>= 0.95
Driver	Triac dimmable
Dimming	Triac (thyristor)

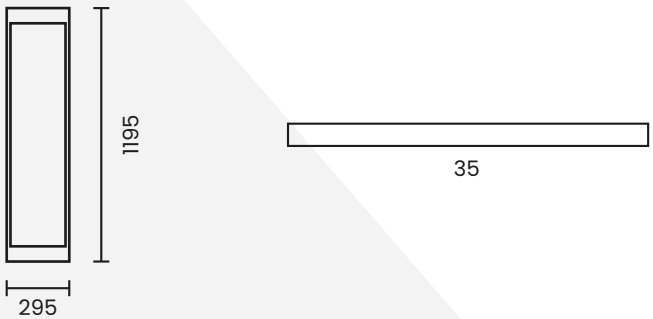
PHOTOMETRICAL DATA	
Colour temperature (Kelvin)	3000K / 4000K / 5000K / 6000K
LED type	SMD2835
LED quantity	48 PCS
Colour rendering index (CRI)	>= 80 Ra
Beam angle	90°
UGR (glare rating)	<19
Luminous efficiency	140 LM/W

LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

ADDITIONAL INFORMATION	
Max. Current	0.2A
Flux	3920 LM
Operating temperature	-20°C to +50°C
Certificates	CE, RoHS
IP rating	IP41
Electrical class	Class III
Net Weight	1.9 kg

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Schematic drawing, not to scale. Dimensions in mm.

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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.

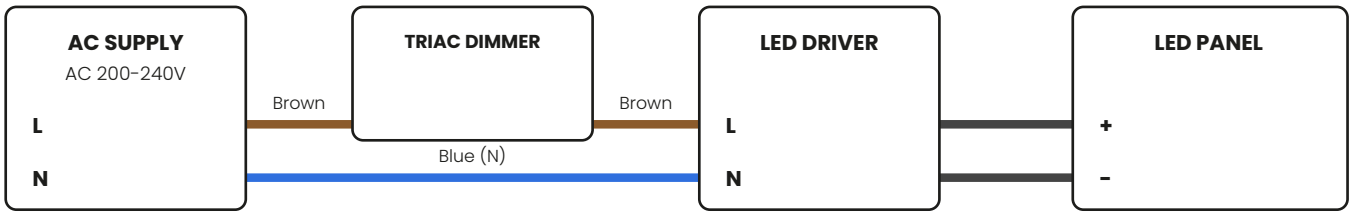
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CONNECTION DIAGRAM



Triac (thyristor) dimmable version: dim only with a compatible Triac dimmer.

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.