DATA SHEET

LED BACK-LIT PANEL 62X62 IP65

40W | 120 LM/W | 1-10V DIMMABLE



APPLICATION

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

AVAILABLE MODELS	
Variant	REF No
1-10V dimmable	100800

62x62 Length	40W	4200 lm	5 YEARS
CCT Colour	1-10V Driver	IP65	WHITE Frame





DATA SHEET

VARNALUX

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ELECTRICAL DATA	
Power (consumption)	40W
Cable length	20cm
Input voltage	AC200-240V
Max. current	0.23A
Operating voltage	DC40V
Constant current	0.90A
Power factor	>=0.95
Driver	1-10V dimmable
Dimming	1-10V

PHOTOMETRICAL DATA	
Luminous flux	4200 lm
Colour temperature (Kelvin)	4000K
Colour rendering index (CRI)	> 80
Beam angle	120°
LED brand	Sanan
LED type	SMD4014
LED quantity	224 PCS
Luminous efficiency	120 lm/W

LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

ADDITIONAL INFORMATION	
Operating temperature	-20 °C to +50 °C
Storage temperature	-30 °C to +60 °C
IP rating	IP65
Electrical class	Class III

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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**

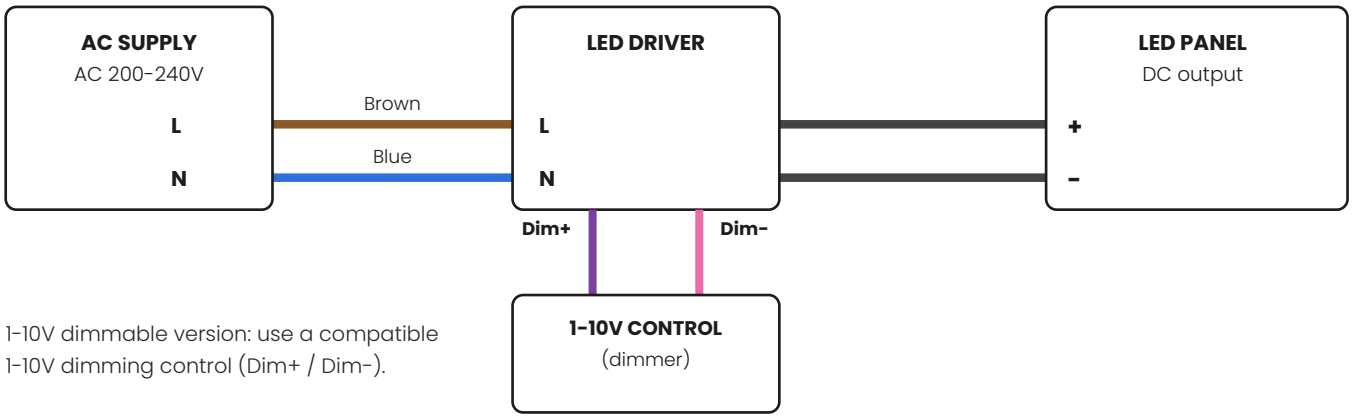
Switch on the mains supply and check the light output.

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CONNECTION DIAGRAM



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.