DATA SHEET

LED PANEL 30X30 DIMMABLE

28W | 36W | 120 LM/W | DIMMABLE



PREMIUM

DIMMING

APPLICATION

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

AVAILABLE MODELS		
Power	Dimming	REF No
28W	1–10V dimmable	200339 · 200341 · 200343
28W	Triac dimmable	200338 · 200340 · 200342
36W	1–10V dimmable	200345 · 200347 · 200349
36W	Triac dimmable	200344 · 200346 · 200348

295x295

28W/36W

120 lm/W

5 YEARS

3000K, 4000K, 6000K

Triac / 1–10V

IP41

CE

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ELECTRICAL DATA	
Power (consumption)	28W / 36W
Input voltage	AC200-240V
Operating voltage	DC36V
Dimming	Triac dimmable / 1–10V dimmable

PHOTOMETRICAL DATA	
Colour temperature (Kelvin)	3000K / 4000K / 6000K
Luminous flux	2160 lm
Luminous efficiency	120 lm/W
Colour rendering index (CRI)	> 80 Ra
Beam angle	120°
LED type	SMD4014
LED quantity	96

PHYSICAL DATA	
Dimensions	295x295x9mm
Housing / frame	White

LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

ADDITIONAL INFORMATION	
IP rating	IP41
Electrical class	Class II
Certifications	CE, RoHS

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VARNALUX

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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 and dimmer rules**

Use only the LED driver included. Use a dimmer matching the driver type (Triac or 1–10V). Do not remove the name plate of the driver.

STEP 8 **Switch on**

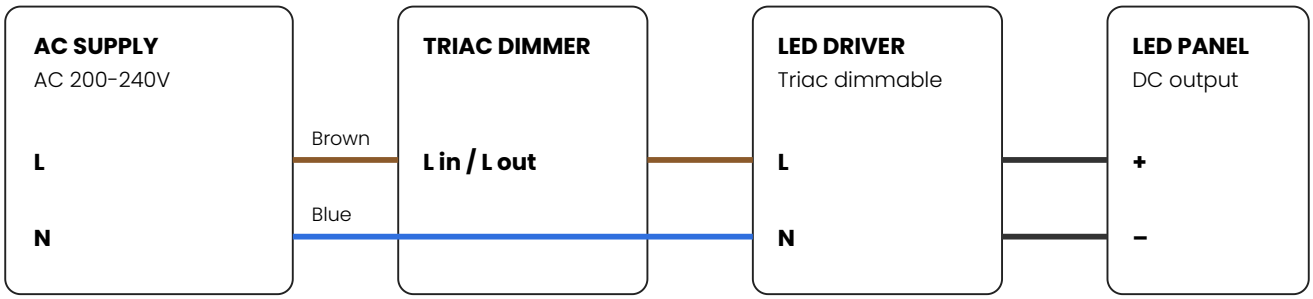
Switch on the mains supply and check the light output, including the full dimming range.

DATA SHEET

LED PANEL 30X30 DIMMABLE

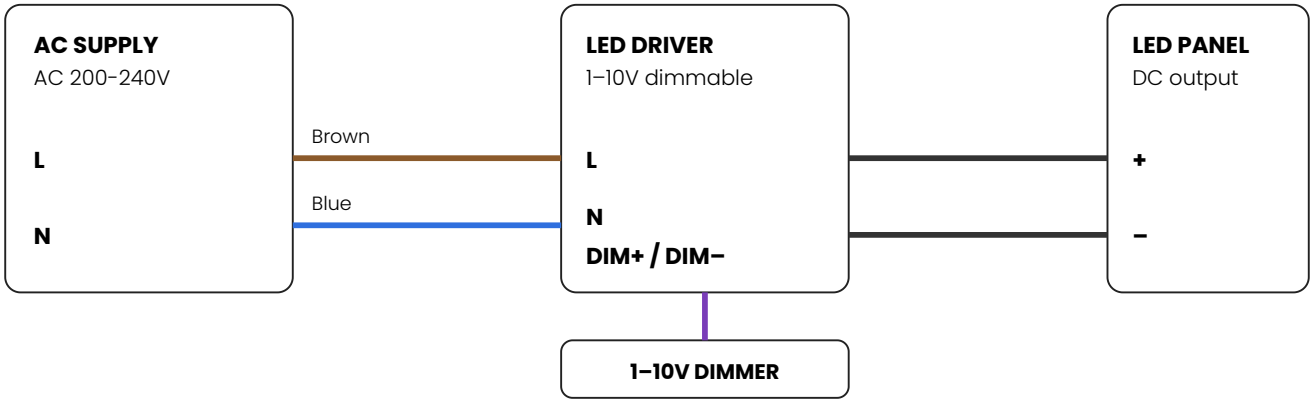
28W | 36W | 120 LM/W | DIMMABLE

CONNECTION DIAGRAM – TRIAC DIMMABLE



Use only the LED driver included with the panel. Check the wiring label on the driver.

CONNECTION DIAGRAM – 1–10V DIMMABLE



Connect the 1–10V control wires only to the DIM+ / DIM– terminals of the driver.

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 driver.
- Cleaning: disconnect the light from the power supply first. Use a dry or slightly moistened cloth; never use chemicals or abrasives.