# DATA SHEET

VARNALUX

## LED BACK-LIT PANEL 60X30

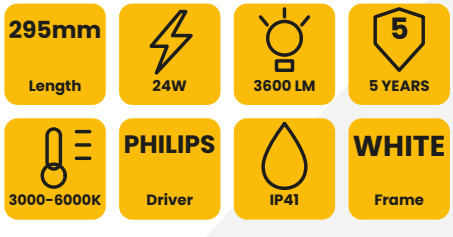
24W | 110 LM/W | PHILIPS DRIVER | WHITE FRAME



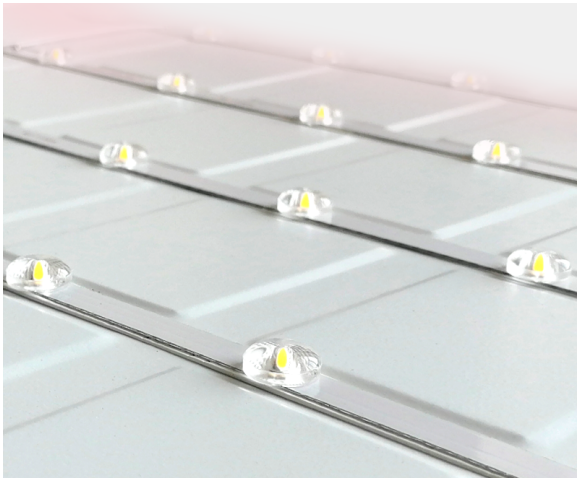

**APPLICATION**

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

| AVAILABLE MODELS | |
|---|---|
| Color Temp | REF No |
| 3000K | 100646 |
| 4000K | 100650 |
| 6000K | 100654 |





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| GENERAL | |
|---|---|
| **Frame colour** | White |
| **Dimensions** | 295 x 595 x 35 mm |

| ELECTRICAL DATA | |
|---|---|
| **Power (consumption)** | 24W |
| **Input voltage** | AC200-240V |
| **Max. current** | 0.18A |
| **Operating voltage** | DC36V |
| **Constant current** | 560mA |
| **Power factor** | >= 0.5 |
| **Driver** | Philips |
| **Dimming** | Non-dimmable |

| PHOTOMETRICAL DATA | |
|---|---|
| **LED type** | SMD2835 |
| **LED quantity** | 30 PCS |
| **Colour rendering index (CRI)** | >= 80 Ra |
| **Colour temperature (Kelvin)** | 3000K / 4000K / 6000K |
| **Luminous efficiency** | 150 LM/W |
| **Luminous flux** | 3600 LM |
| **Beam angle** | 120° |

| LIFESPAN & WARRANTY | |
|---|---|
| **Lifespan** | 50.000 hrs |
| **Warranty** | 5 years |

| ADDITIONAL INFORMATION | |
|---|---|
| **IP rating** | IP41 |
| **Electrical class** | Class III |

**AVAILABLE MODELS**

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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**

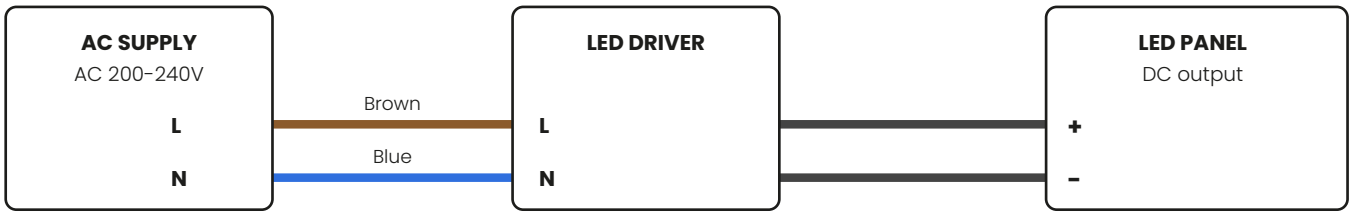
Switch on the mains supply and check the light output.

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**CONNECTION DIAGRAM**




Philips driver version: not dimmable.

**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.