DATA SHEET

VARNALUX

LED SURFACE MOUNTED DOWNLIGHT SQUARE 12W

170 x 170 x 32 mm | 1,020 lm | 3000-6000K | IP41 | CLASS III

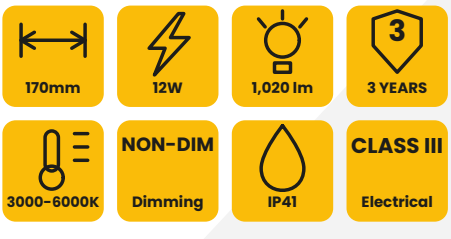


APPLICATION

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

AVAILABLE MODELS

Color Temp	REF No
3000K	200168
4000K	200169
6000K	200170







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GENERAL	
Size	170 x 170 x 32 mm
Mounting	Surface mounting

ELECTRICAL DATA	
Power (consumption)	12W
Driver	Varnalux Driver
Dimmable	No
Input voltage	AC 200-240 V
Frequency	50/60 Hz
Flicker	Flicker-free
Power factor	>= 0.5
THD	<20%
Electrical class	Class III
Operating voltage / current	DC 36V / 300mA

PHOTOMETRICAL DATA	
Colour temperature (Kelvin)	3000K / 4000K / 6000K
Luminous flux	1,020 lm
Colour rendering index (CRI)	> 80
Beam angle	120°
LED brand / type	Sanan
Luminous efficiency	85 lm/W
LED type / quantity	SMD 2835, 60 pcs

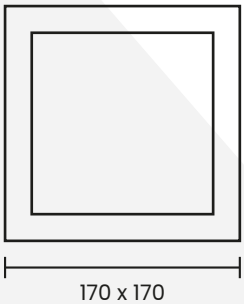
LIFESPAN & WARRANTY	
Lifespan	49.999 hrs
Warranty	3 years

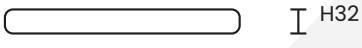
PACKAGING	
Net weight	0.3 kg
Carton quantity	20 pcs
Carton size	L300 x W260 x H175 mm
Carton gross weight	7.13 kg

ADDITIONAL INFORMATION	
Operating temperature	-20 °C to +50 °C
IP rating	IP41
Housing	Aluminium alloy + PS

AVAILABLE MODELS

Color Temp	REF No
3000K	200168
4000K	200169
6000K	200170





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 professional.

STEP 2 **Turn off the power**

Power must be cut off before installation. Make sure the switch is off before connecting to the power supply.

STEP 3 **Drill the holes**

Drill Ø6 mm holes at the marked positions and insert the plugs (parts B).

STEP 4 **Fix the bracket**

Fix the mounting bracket (part A) to the ceiling with the screws (parts C).

STEP 5 **Connect the wires**

Supply AC 200-240V: L = Brown, N = Blue. The connection of the power supply must be sealed.

STEP 6 **Mount the lamp**

Place the lamp body on the bracket and turn it (parts D) until it is fixed firmly.

STEP 7 **Check**

Check the wiring and that the lamp is fixed firmly.

STEP 8 **Switch on**

Switch on the power supply and check the light output.

PACKING INFO

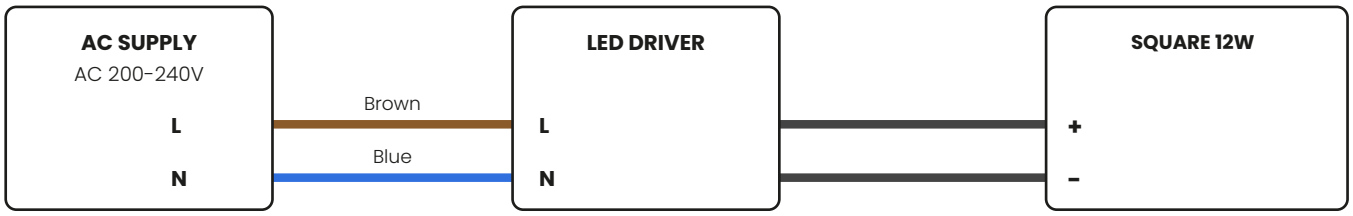
In the box	1 x lamp with driver, 1 x mounting kit (parts A-D)
Packing	20 pcs per carton

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CONNECTION DIAGRAM



Brown = L (live), Blue = N (neutral). The connection of the power supply must be sealed.

SAFETY NOTICE:

- Read the specification first and make sure the service environment matches the conditions in the specification before using.
- Confirm the applicable power supply before using.
- Make sure the switch is off before connecting to the power supply, to prevent electric shock.
- Operation against the rules may damage your property and even harm your personal safety.
- Preliminarily estimate the required quantity of lights and, from the power rating of a single light, the total power and the power supply plan.
- Dangerous high voltage: non-professionals are not allowed to maintain the product. A damaged exterior flexible cable or wire must be exchanged by the supplier, its agent or similarly qualified personnel.