DATA SHEET

VARNALUX

LED SLIM DOWNLIGHT ROUND 3W

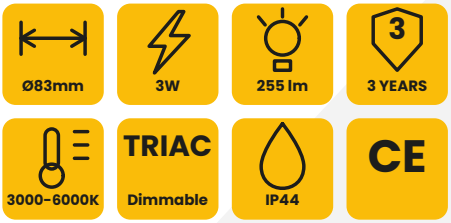
SLIM ROUND PANEL | RECESSED | TRIAC DIMMABLE | IP44



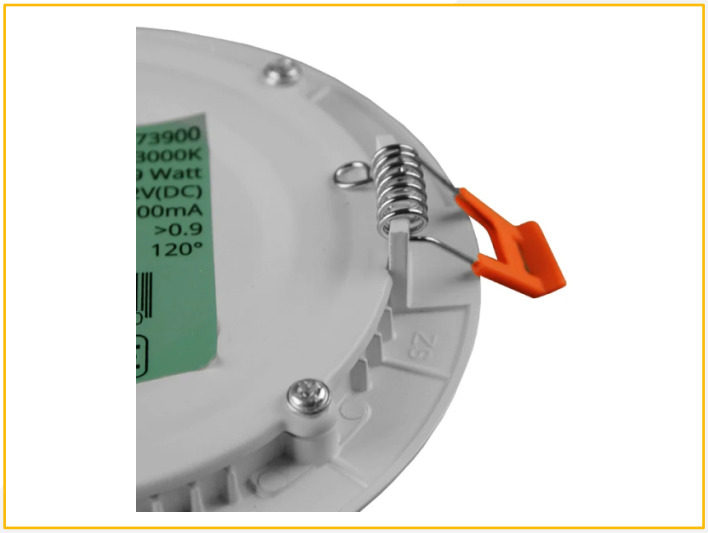
APPLICATION

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

AVAILABLE MODELS	
Color Temp	REF No
3000K	100527
4000K	100529
6000K	100531







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ELECTRICAL DATA	
Wattage (Consumption)	3W
Voltage	AC 220-240V
Frequency	50/60 Hz
Operating voltage / current	DC 9V / 270mA
Power Factor	>= 0.5
THD	< 20%
Dimming	Triac dimmable
Electrical class	Class III

PHOTOMETRICAL DATA	
Temperature (Kelvin)	3000K, 4000K or 6000K
Light color	Warm, neutral or cool white
Luminous flux	255 lm (±5%)
Luminous efficiency	85 lm/W (±5%)
Beam angle	120°
Color Rendering Index (CRI)	> 80
LED quantity	15 pcs (2835 SMD)
Operating Temperature range	-20 °C to +50 °C

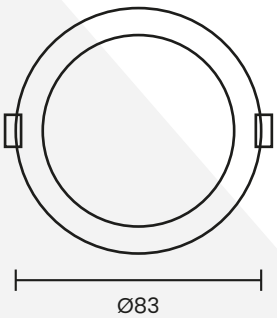
CAPABILITIES	
Dimmable	Yes, Triac dimmable
Driver	Flicker free
Mounting	Recessed, spring clip fixing

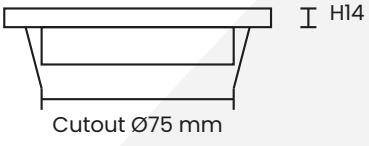
LIFESPAN & WARRANTY	
Lifespan	> 49.999 hrs
Warranty	3 years

DIMENSIONS & PACKAGING	
Dimensions	Ø83 x H14 mm
Cutout size	Ø75 mm
Net weight	0.085 kg
Inner box	1 piece
Outer box	40 pieces
Outer carton	385x300x155 mm
Carton gross weight	4.4 kg

ADDITIONAL INFORMATION	
LED Chip	Sanan SMD2835
IP Rating	IP44
Housing	Die-cast aluminium + PS
Certificates	CE & ROHS

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Schematic drawing, not to scale. Dimensions in mm.

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USER MANUAL | HOW TO USE

STEP 1 Turn off the power

Turn off the power first to make sure the exposed power cord in the ceiling is not energized. Installation must be done by a professional electrician only.

STEP 2 Make the ceiling hole

Make a hole in the ceiling according to the cutout size of the lamp (Ø75 mm), as shown in picture A of the installation drawing.

STEP 3 Fit the springs

Flip the springs apart and snap them into the slot holes on both sides of the light fixture, as shown in figure B-1.

STEP 4 Connect the wires

Connect the reserved input wire (B-2) of the lamp to the reserved power wire (L, N) on the ceiling: Brown = L, Blue = N.

STEP 5 Check the wiring

Double check whether the wiring is correct before embedding the lamp in the ceiling.

STEP 6 Mount the lamp

Turn the springs upwards by 90° (figure C-1) and push the lamp upward into the mounting hole; the springs lock firmly (figure C-2).

STEP 7 Turn on the power

Turn on the power and the light starts to work.

STEP 8 Maintenance

Maintenance and repair must be done by trained professionals only. In case of damage to the power cable or the housing, stop using the luminaire.

PACKING INFO

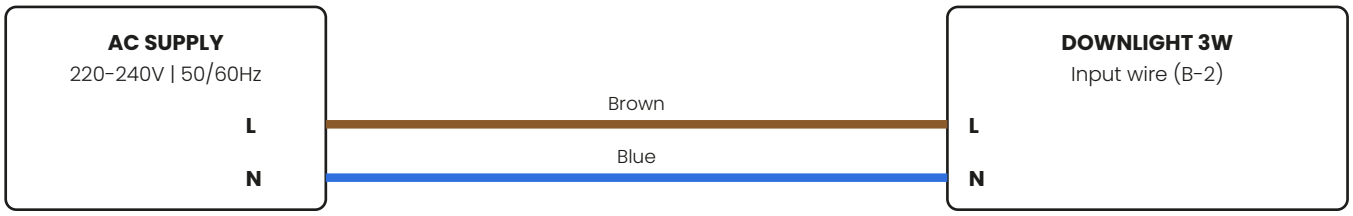
In the box	1 x LED slim downlight with driver
Inner box	1 piece
Outer carton	40 pieces (385x300x155 mm), gross weight of carton: 4.4 kg

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SLIM ROUND PANEL | RECESSED | TRIAC DIMMABLE | IP44

WIRING DIAGRAM



Dimmable version: use with a Triac dimmer.

SAFETY NOTICE:

- Installation must be done by a professional electrician only; non-professionals must not install, disassemble or connect wires (high voltage).
- Before installation disconnect the power supply and never work with the power on.
- If there is any damage on the power line or the shell, the product must not be used.
- Use the light out of its package and check it for transport damage before installation.
- Never cover the luminaire (not by thermal insulation materials or other objects) and keep it away from open flames and external heat sources.
- Do not use the product in an environment beyond its operating temperature range: this will damage the lamp.
- Avoid looking directly into the LED beam, especially for extended periods. Do not shine the light in anyone's eyes.
- Keep packaging material away from children and pets (risk of suffocation, small parts). Never leave children unattended near the lights.
- Maintenance by trained professionals only. Unauthorised disassembly may void the after-sales service.
- After its service life the product needs an inspection or special treatment for disposal.