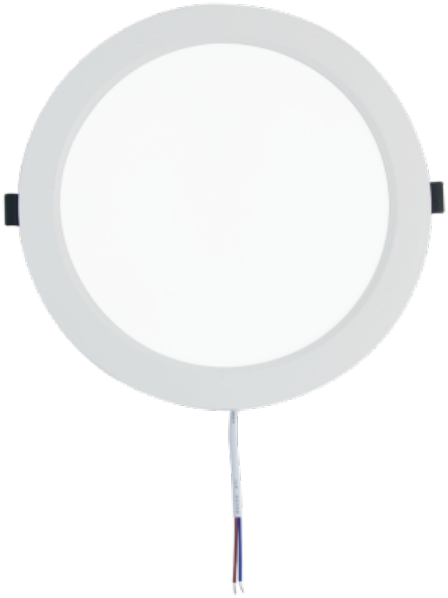
DATA SHEET

VARNALUX

LED SLIM DOWNLIGHT DOB ROUND 18W

BASIC | RECESSED | NON-DIMMABLE | IP20



APPLICATION

- Bedrooms and living rooms
- Corridors
- Office buildings
- Supermarkets
- Indoor and commercial lighting

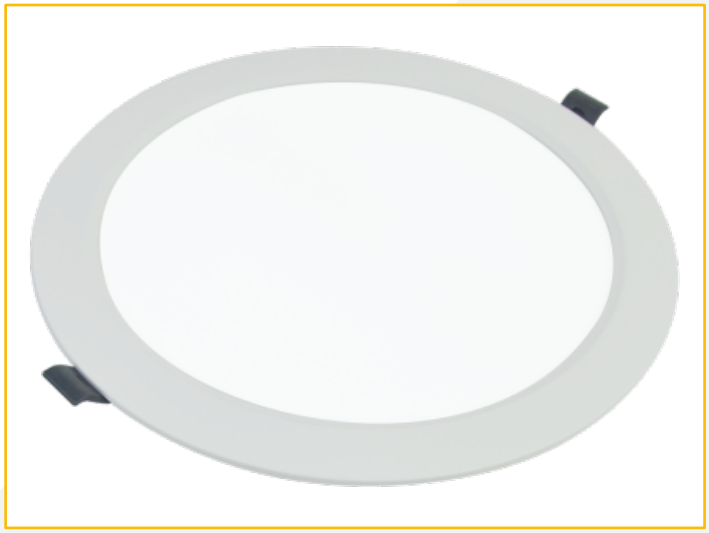
AVAILABLE MODELS

Color Temp	REF No
3000K	100056
4000K	100057

Ø176mm | 18W | 1,620 lm | 3 YEARS

3000/4000K | ON/OFF Non-dimmable | IP20 | DOB Driver on board





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ELECTRICAL DATA	
Wattage (Consumption)	18W
Voltage	AC 220-240V
Frequency	50/60 Hz
Dimming	Non-dimmable

PHOTOMETRICAL DATA	
Temperature (Kelvin)	3000K or 4000K
Light color	Warm or neutral white
Luminous flux	1,620 lm
Beam angle	110°
Color Rendering Index (CRI)	> 80 Ra
LED type	SMD 2835
Operating Temperature range	-20 °C to +40 °C

CAPABILITIES	
Dimmable	No (non-dimmable)
Mounting	Recessed, spring clip fixing

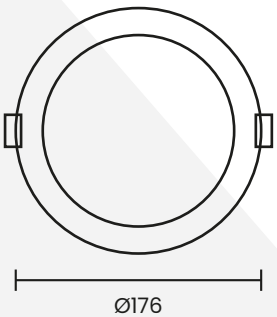
LIFESPAN & WARRANTY	
Lifespan	25.000 hrs
Warranty	3 years

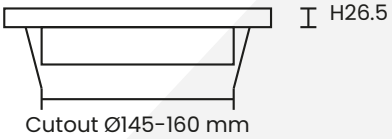
DIMENSIONS & PACKAGING	
Dimensions	Ø176 x H26.5 mm
Cutout size	Ø145-160 mm
Operating humidity	40-70%

ADDITIONAL INFORMATION	
LED Chip	Sanan SMD2835
IP Rating	IP20
Housing	Full plastic housing + PMMA diffuser

AVAILABLE MODELS

Color Temp	REF No
3000K	100056
4000K	100057





Schematic drawing, not to scale. Dimensions in mm.

DATA SHEET

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LED SLIM DOWNLIGHT DOB ROUND 18W

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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 (Ø145-160 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**

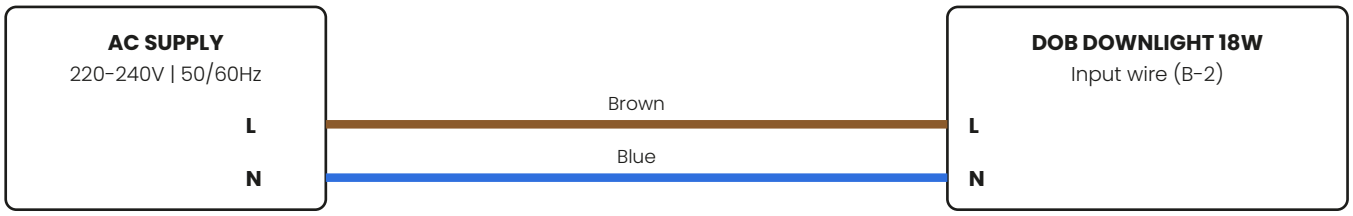
Maintenance and repair must be done by trained professionals only. In case of damage to the power cable or the housing, stop using the luminaire.

DATA SHEET

LED SLIM DOWNLIGHT DOB ROUND 18W

BASIC | RECESSED | NON-DIMMABLE | IP20

WIRING DIAGRAM



Non-dimmable version: this product cannot be used in dimming circuits.

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.
- Non-dimmable version: this product cannot be used in dimming circuits.