DATA SHEET

VARNALUX

LED HIGH BAY 100W

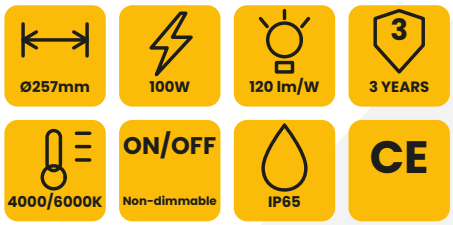
BASIC 100W DOB | UFO DESIGN | NON-DIMMABLE | IP65



APPLICATION

- Workshops and factories
- Warehouses
- Highway toll stations and gas stations
- Supermarkets
- Exhibition halls and stadiums

AVAILABLE MODELS	
Color Temp	REF No
4000K	100002
6000K	100003



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ELECTRICAL DATA	
Wattage (Consumption)	100W
Voltage	AC 200-240V
Operating voltage	DC 216V
Max. current	0.5A
Constant current	0.4A
Power Factor	>= 0.9
Dimming	Non-dimmable
Electrical class	Class I

PHOTOMETRICAL DATA	
Temperature (Kelvin)	4000K or 6000K
Light color	Neutral or cool white
Luminous efficiency	120 lm/W
Lumen	12,000 lm (±10%)
Beam angle	90°
Color Rendering Index (CRI)	≥80 Ra
LED quantity	144 pcs (SMD2835)
Operating Temperature range	-20 °C to +50 °C

CAPABILITIES	
Dimmable	No (non-dimmable)

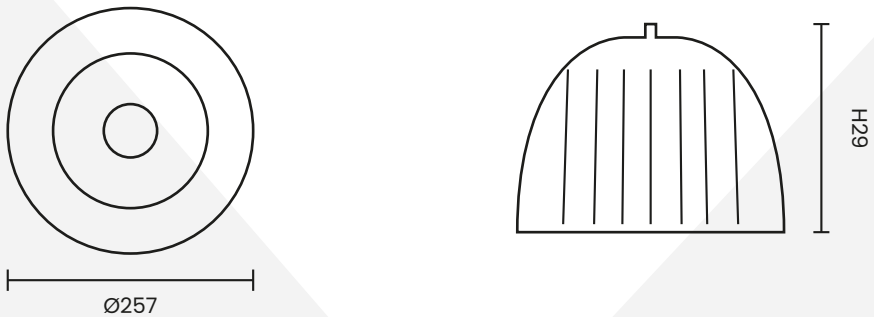
LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	3 years

DIMENSIONS & PACKAGING	
Dimensions	Ø257 x H29 mm
Net weight	0.78 kg
Gross weight	0.88 kg
Packing size	L290 x W45 x H290 mm
Outer box	10 pieces
Outer carton	490x310x310 mm
Carton gross weight	9.85 kg

ADDITIONAL INFORMATION	
Driver	DOB (driver on board)
LED Chip	SMD2835
IP Rating	IP65
Housing	Aluminium + PC lens
Storage temp.	-30 °C to +60 °C
Certificates	CE & ROHS

AVAILABLE MODELS

Color Temp	REF No
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6000K	100003



Schematic drawing, not to scale. Dimensions in mm.

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USER MANUAL | HOW TO USE

STEP 1 **Unpack and check**

Open the box and take out the UFO luminaire, the mounting bolt and the spring washer. Use the light out of its package and check it for damage caused by transport. If any damage is visible, do not install or use it.

STEP 2 **Turn off the power**

Switch off the mains supply before starting any work on the luminaire. Installation must be done by a professional electrician only (high voltage).

STEP 3 **Mount the luminaire**

Tighten the mounting bolt and the spring washer to the UFO, then hang the luminaire securely from a suitable fixing point (hook, chain hoist or suspension rod). Never cover the luminaire with other objects.

STEP 4 **Connect the wires**

Connect the wires as shown in the wiring diagram on the next page: Brown = L, Blue = N, Yellow/Green = GND (earth). Supply: AC 200-240V.

STEP 5 **Turn on the power**

Switch on the mains supply. Never touch the luminaire while it is switched on and never look directly into the LED beam for a long time.

STEP 6 **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

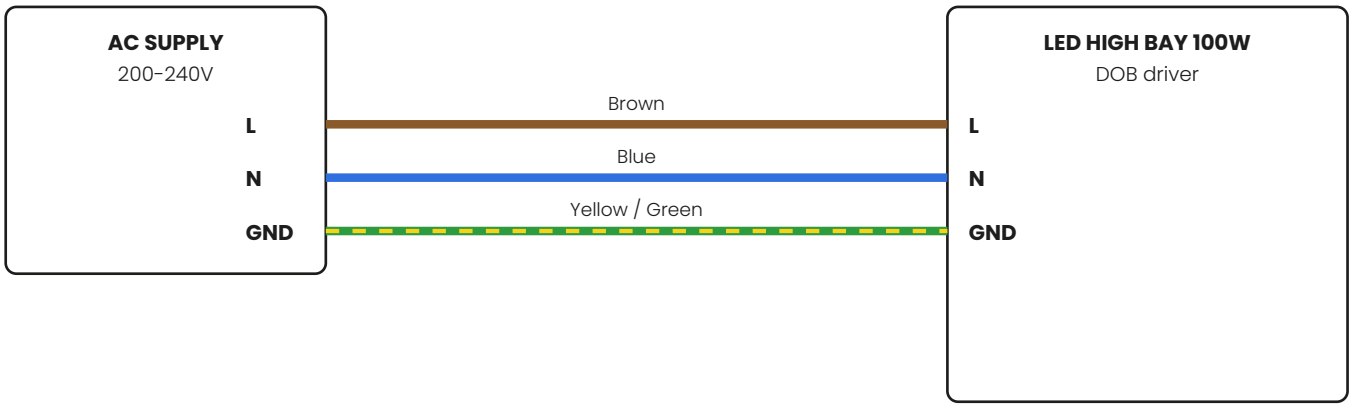
In the box	1 x luminaire, 1 x mounting bolt, 1 x spring washer
Outer carton	10 pieces (490x310x310 mm), gross weight of carton: 9.85 kg

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WIRING DIAGRAM



SAFETY NOTICE:

- Installation must be done by a professional electrician only; non-professionals must not install, disassemble or connect wires (high voltage).
- If the power cable or the housing is damaged, 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 and keep it away from open flames and external heat sources.
- 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). Do not let children play near the luminaire.
- 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.