DATA SHEET

VARNALUX

LED HIGH BAY 100W

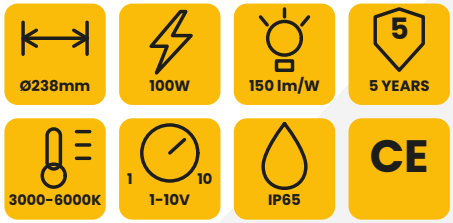
PREMIUM 100W WITH PHILIPS DRIVER | UFO DESIGN



APPLICATION

- Warehouses
- Workshops
- Factories
- Production halls
- Supermarkets
- Exhibition halls

AVAILABLE MODELS	
Color Temp	REF No
3000K	100849
4000K	100844
6000K	100845







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ELECTRICAL DATA	
Wattage (Consumption)	100W
Voltage	AC 200-240V
Max. current	0.5A
Power Factor	>= 0.95
Dimming	1-10V
Electrical class	Class I

PHOTOMETRICAL DATA	
Temperature (Kelvin)	3000K, 4000K or 6000K
Light color	Warm, neutral or cool white
Luminous efficiency	150 lm/W
Lumen	15,000 lm (±10%)
Beam angle	120° (optional 60° / 90°)
Color Rendering Index (CRI)	>80
LED quantity	140 pcs
Operating Temperature range	-20 °C to +50 °C

CAPABILITIES	
Dimmable	Yes, 1-10V
Optional beam optics	60° / 90°
Power adjustable	60W / 80W / 100W

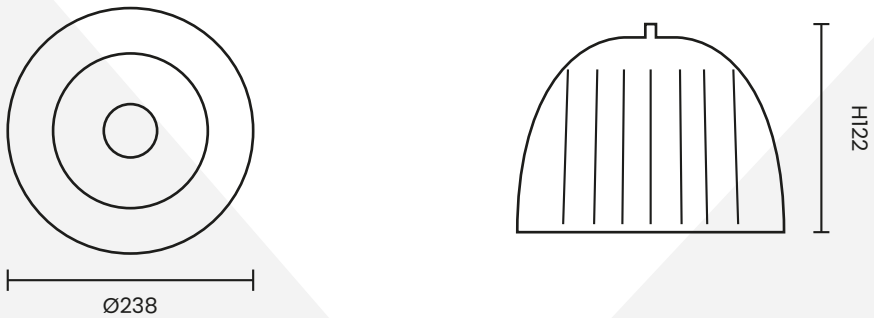
LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

DIMENSIONS & PACKAGING	
Dimensions	Ø238 x H122 mm
Net weight	1.8 kg
Gross weight	2.1 kg
Inner box	1 piece
Outer box	4 pieces
Outer carton	585x295x330 mm

ADDITIONAL INFORMATION	
Driver	Philips
LED Chip	SMD2835
IP Rating	IP65
IK Rating	IK10
Housing	Aluminium + PC lens
Storage temp.	-30 °C to +60 °C
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 **Unpack and check**

Open the box and take out the 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.

STEP 3 **Mount the luminaire**

Tighten the mounting bolt and the spring washer to the fixture, then hang the luminaire securely from a suitable fixing point. 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 **Set the power (optional)**

The output power can be selected with the switch on the driver: LOW, MID or HIGH (see the table on the next page). The default setting is the rated power of the model.

STEP 6 **Connect a dimmer (optional)**

For 1-10V dimming connect the dimmer to the Purple (Dim+) and Pink (Dim-) wires. The dimming wires are only needed when a 1-10V dimmer is used.

STEP 7 **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 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 luminaire, 1 x mounting bolt, 1 x spring washer
Inner box	1 piece
Outer carton	4 pieces (585x295x330 mm), gross weight of 1 piece: 2.1 kg

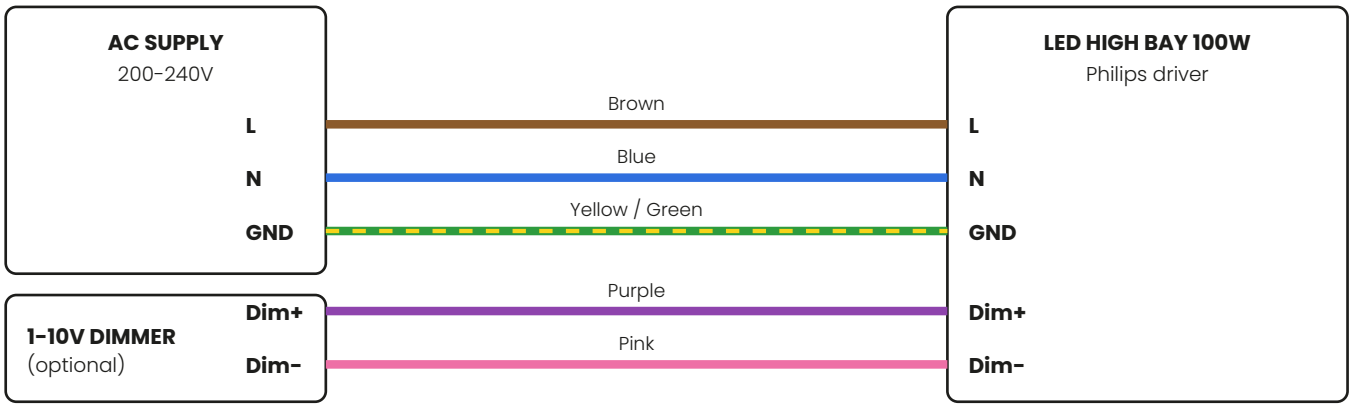
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WIRING DIAGRAM



POWER ADJUSTMENT (SWITCH ON THE DRIVER)

Default power	1 LOW	2 MID	3 HIGH
100W	60W	80W	100W

SAFETY NOTICE:

- Installation must be done by a professional electrician only; non-professionals must not install, disassemble or connect wires (high voltage).
- Indoor use only. For outdoor applications use a floodlight instead.
- 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.