DATA SHEET

VARNALUX

UFO LED HIGH BAY 100W

PHILIPS DRIVER | 0-10V DIMMABLE | IP65 | UFO DESIGN

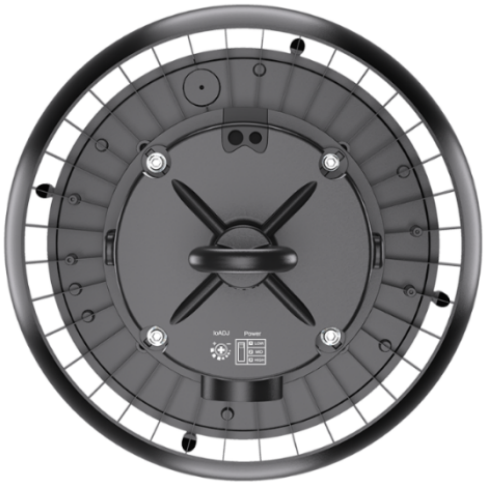


APPLICATION

- Warehouses and logistics centers
- Factories and workshops
- Industrial halls
- Supermarkets and retail
- High-ceiling areas
- Exhibition halls and sports halls

AVAILABLE MODELS	
Color Temp	REF No
4000K	200047
5000K	200048
6000K	200049

Ø255mm | 100W | 200 lm/W | 5 YEARS | 4000-6000K | 0 10 0-10V | IP65 | CE





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ELECTRICAL DATA	
Wattage (Consumption)	100W
Voltage	AC 200-240V
Max. current	0.5A
Constant current	0.36A
Power Factor	>= 0.95
Dimming	0-10V

PHOTOMETRICAL DATA	
Temperature (Kelvin)	4000K, 5000K or 6000K
Light color	Neutral or cool white
Luminous efficiency	200 lm/W
Lumen	21,000 lm (±10%)
Beam angle	90° (optional 60°)
Color Rendering Index (CRI)	> 80
Operating Temperature range	-20 °C to +50 °C

CAPABILITIES	
Dimmable	Yes, 0-10V
Optional beam optics	60°

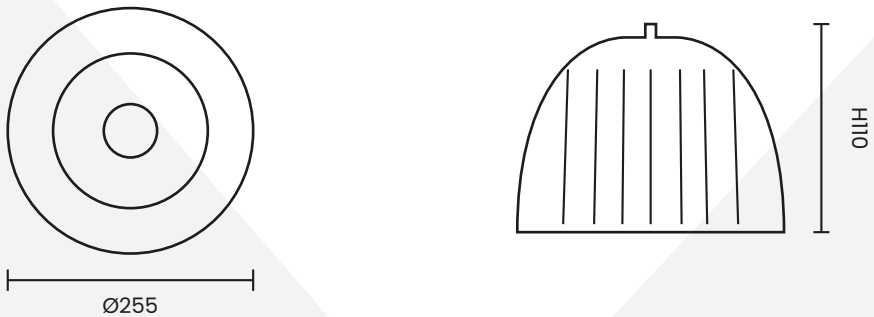
LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

DIMENSIONS & PACKAGING	
Dimensions	Ø255 x H110 mm
Net weight	1.53 kg

ADDITIONAL INFORMATION	
Driver	Philips
LED Chip	Lumileds/Sanan SMD2835
IP Rating	IP65
IK Rating	IK09
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 (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 **Connect a dimmer (optional)**

For 0-10V dimming connect the dimmer to the Purple (Dim+) and Pink (Dim-) wires. The dimming wires are only needed when a 0-10V dimmer is used.

STEP 6 **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 7 **Maintenance**

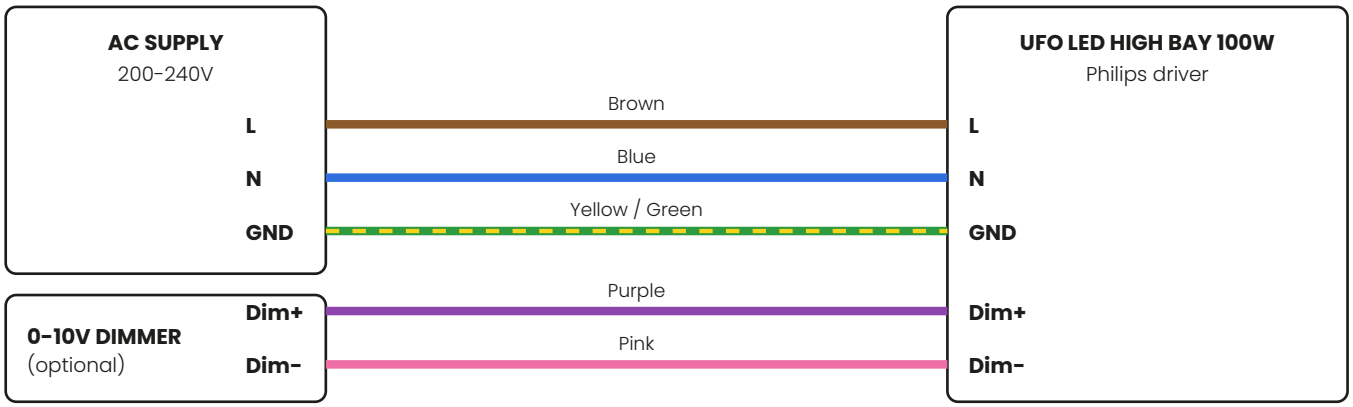
Maintenance and repair must be done by trained professionals only. In case of damage to the power cable or the housing, stop using the luminaire.

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PHILIPS DRIVER | 0-10V DIMMABLE | IP65 | UFO DESIGN

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.