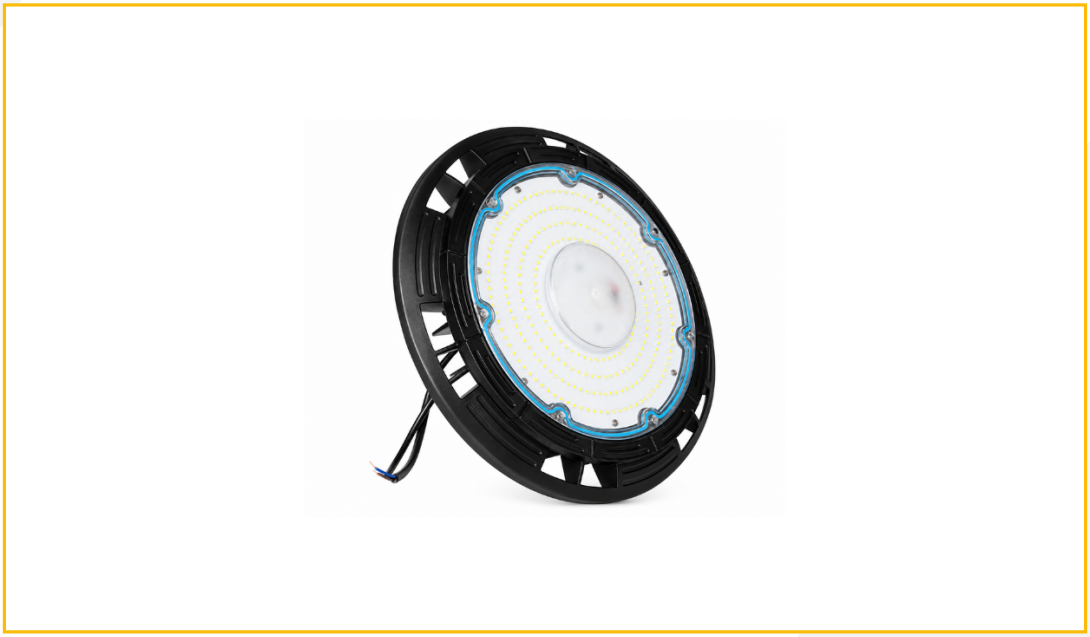
DATA SHEET

LED HIGH BAY 100W

PHILIPS DRIVER | 140 LM/W | 6000K



APPLICATION

- Warehouses and logistics centres
- Factories and workshops
- Production halls
- Supermarkets
- Exhibition halls
- Gas stations and toll stations
- Stadiums and sports halls

AVAILABLE MODELS	
Color Temp	REF No
6000K	200129

Ø250mm Diameter	**100W** Power	**120°** Beam angle	**5 YEARS** Warranty
6000K Colour temp	**PHILIPS** Driver	**IP65** Protection	**CE** Certified





DATA SHEET

VARNALUX

LED HIGH BAY 100W

PHILIPS DRIVER | 140 LM/W | 6000K

GENERAL	
Product type	UFO LED High Bay
Dimensions	Ø250 x H250 mm
Housing material	Aluminium alloy
Lens material	PC (polycarbonate)

ELECTRICAL DATA	
Power (consumption)	100W
Input voltage	AC200-240V
Max. current	1.25A
Operating voltage	DC87V
Constant current	1.05A
Power factor	>= 0.9
Driver	Philips
Driver efficiency	>= 90%
Driver protection	Short circuit/current/voltage/temp.

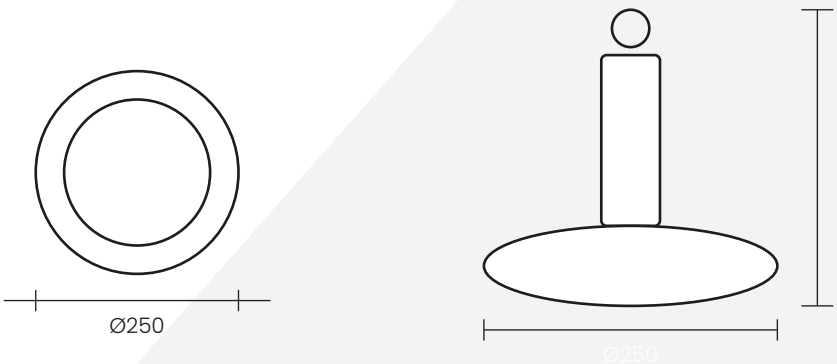
PHOTOMETRICAL DATA	
Colour temperature (Kelvin)	6000K (cool white)
LED type	SMD3030
LED quantity	140 PCS
Colour rendering index (CRI)	>= 80 Ra
Beam angle	120°
Luminous flux	14000 LM
Luminous efficiency	140 LM/W

LIFESPAN & WARRANTY	
Lifespan	49.999 hrs
Warranty	5 years

ADDITIONAL INFORMATION	
Max. Current	1.25A
Flux	14000 LM
Operating temperature	-20°C to +50°C
Storage temperature	-30°C to +60°C
Operating humidity	10-80% RH
Storage humidity	10-90% RH
Certificates	CE, RoHS
IP rating	IP65
Electrical class	Class I

PACKING INFORMATION	
Net weight	2.53 kg
Gross weight	3.3 kg
Packing size	330x330x170 mm
Qty / carton	4 pcs
Carton size	665x340x380 mm
Carton weight	14.0 kg

AVAILABLE MODELS	
Color Temp	REF No
6000K	200129



g, not to scale. Dimensions in mm

DATA SHEET

VARNALUX

LED HIGH BAY 100W

PHILIPS DRIVER | 140 LM/W | 6000K

INSTALLATION

STEP 1 **Unpack and check**

Check the integrity of the product when unpacking. Installation must be done by a trained electrician.

STEP 2 **Take out the fixture**

Open the box and take out the fixture, driver and hook.

STEP 3 **Connect the driver**

Use the 4 screws to connect the fixture and the driver.

STEP 4 **Drill the hole**

Drill a hole in the marked place: 8 mm diameter, 60 mm deep. Fit the expansion bolt (Ø8 x 70 mm).

STEP 5 **Fit the hook screw**

Install the hook screw into the hole and make sure it is fixed firmly in the ceiling.

STEP 6 **Hang the fixture**

Hang the fixture on the hook using the eye bolt and the safety cable.

STEP 7 **Wire the mains**

Connect live (L), neutral (N) and earth (PE) to the supply. Class I: earth connection is required.

STEP 8 **Switch on**

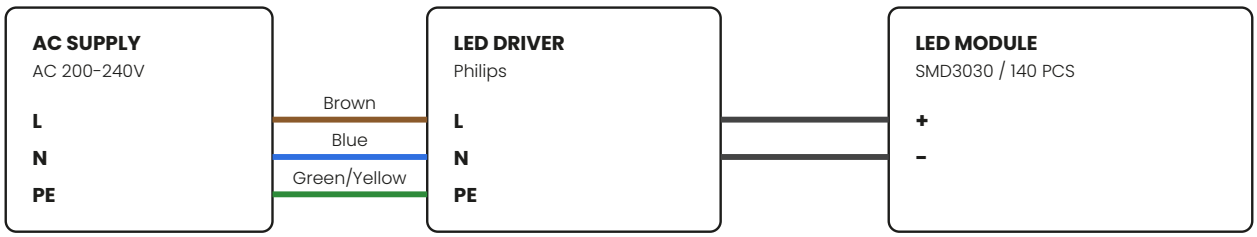
Switch on the mains supply and check the light output.

DATA SHEET

LED HIGH BAY 100W

PHILIPS DRIVER | 140 LM/W | 6000K

CONNECTION DIAGRAM



Non-dimmable version. Driver and LED module are factory pre-connected. Class I: earth (PE) connection required.

SAFETY & MAINTENANCE:

- This product must be installed by trained electricians. Check the integrity of the product when unpacking it.
- If there is any damage on the power cable or housing, treat the product as defective and do not use it.
- High voltage: non-professionals must not install, disassemble the product or connect wires.
- Use a hook or eye bolt and safety cable rated for the weight of the fixture (2.53 kg). Fix it firmly in the ceiling.
- Keep the vents of the housing free: air convection cools the fixture. Operating temperature -20°C to +50°C.
- Cleaning: disconnect the light from the power supply first. Use a dry or slightly moistened cloth; never use chemicals or abrasives.