DATA SHEET

VARNALUX

LED STREETLIGHT 60W

PREMIUM | OSRAM DRIVER | 0-10V DIMMABLE | IP65



APPLICATION

- Roads
- Commercial areas
- Residential areas
- Parks
- Courtyards
- Scenic spots
- Squares

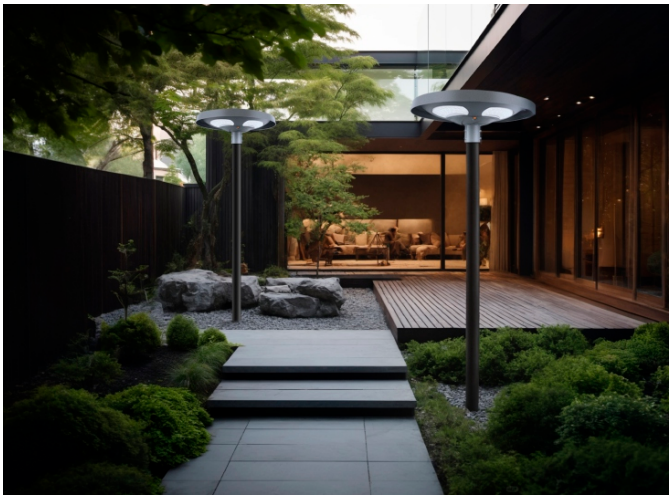
AVAILABLE MODELS

Model	REF No
60W	100330

Ø610mm | 60W | 150 lm/W | 5 YEARS

0-10V Dimmable | IP65 | 75/60 Pole Ømm | RoHS Certified





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ELECTRICAL DATA	
Wattage (Consumption)	60W
Voltage	AC 220-240V, 50/60Hz
Power Factor	>= 0,95
THD	< 20%
Dimming	0-10V dimmable, 6-60W
Electrical class	Class I

PHOTOMETRICAL DATA	
Light color	Warm / pure / cool white available
Luminous efficiency	150 lm/W
Lumen	9,000 lm (±10%)
Beam angle	120°
Color Rendering Index (CRI)	>= 80 Ra
LED quantity	104 pcs
LED type	SMD2835
LED brand	Lumileds / Philips / Sanan

CAPABILITIES	
Dimmable	Yes, 0-10V (6-60W)
Installation pole diameter	Ø75 mm or Ø60 mm (converter)

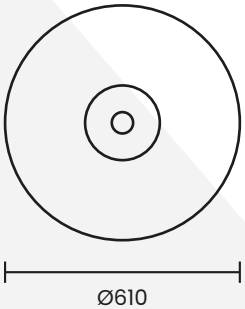
LIFESPAN & WARRANTY	
Warranty	5 years

DIMENSIONS & PACKAGING	
Dimensions	Ø610 x H100 mm
Net weight	9.5 kg
Gross weight	10 kg
Carton quantity	1 piece
Carton size	700x140x685 mm

ADDITIONAL INFORMATION	
Driver	OSRAM
IP Rating	IP65
Class	Class I
Operating temp.	-20 °C to +50 °C
Certificates	RoHS

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60W	100330





Schematic drawing, not to scale. Dimensions in mm.

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USER MANUAL | HOW TO INSTALL AND USE

STEP 1 **Unpack and check**

Open the box and take out the luminaire and the accessories (pole clamp ring and screws). Check for transport damage; if any damage is shown, do not install or use it.

STEP 2 **Choose the pole size**

The luminaire fits a Ø75 mm pole directly (inner diameter Ø76 mm). For a Ø60 mm pole use the pole converter Ø75 to Ø60 mm (item 100331).

STEP 3 **Connect the wires**

AC input: L = Brown, N = Blue, GND = Yellow/Green. Supply: AC 220-240V, 50/60Hz. Switch the power off before connecting.

STEP 4 **Connect a dimmer (optional)**

For 0-10V dimming connect Dim+ (Black) and Dim- (Gray) to a 0-10V dimmer. The dimming range is 6-60W.

STEP 5 **Mount the lamp head**

Fit the lamp head onto the top of the pole and secure it with the supplied accessories (clamp ring and screws).

STEP 6 **Check and switch on**

Check that all connections are secure and the lamp head is fixed firmly, then switch on the power supply.

PACKING INFO

Packing	1 piece per carton
Carton size	L700 x W140 x H685 mm
Gross weight carton	10 kg
Net weight	9.5 kg

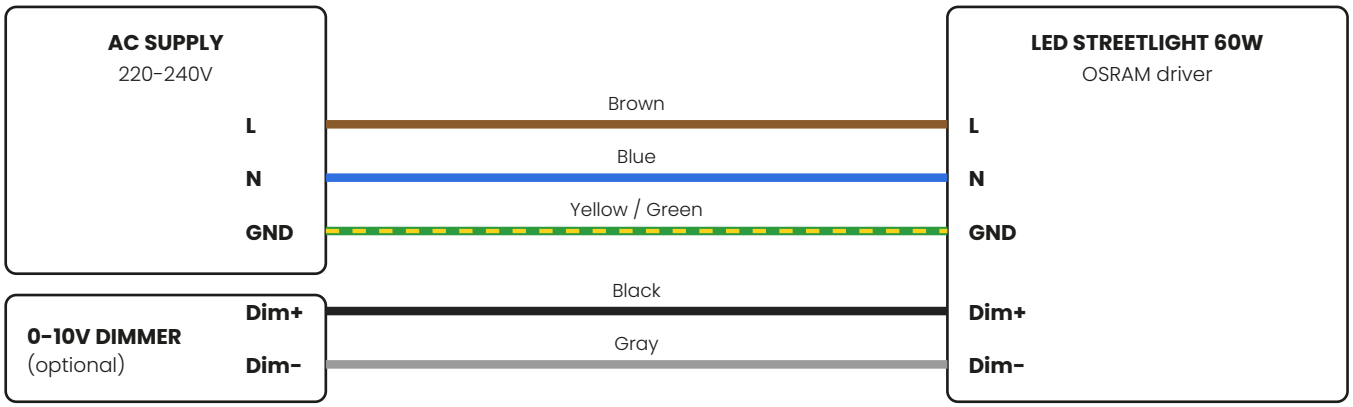
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WIRING DIAGRAM



POWER AND DIMMING

Rated power	Min. dimmed power	Dimming
60W	6W	0-10V

PROTECTION

- Protection level IP65. Class I luminaire.

SAFETY NOTICE:

- Installation must be done by professionals only; non-professionals must not install, disassemble or connect wires (high voltage).
- If the power line or the housing is damaged, the product must be treated as defective and must not be used.
- Use the light out of its package and check it for transport damage before installation. If any damage is shown, do not install or use it.
- 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). Never leave children unattended 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.