DATA SHEET

VARNALUX

LED STADIUM LIGHT 500W

PREMIUM 500W WITH SOSEN DRIVER | STADIUM / TERRAIN LIGHT



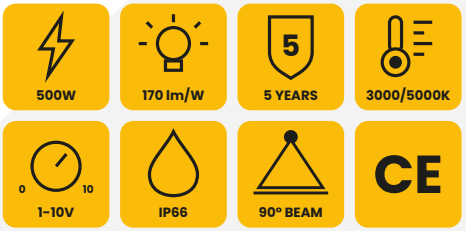
SOSEN DRIVER

APPLICATION

- Stadiums and sports fields
- Football and hockey fields
- Tennis courts
- Large parking areas
- Industrial sites
- Large outdoor areas

AVAILABLE MODELS

Color Temp	REF No
3000K	100029
5000K	100030





KEY FEATURES

- SOSEN driver with Lumileds/Sanan LEDs
- 85,000 lm at 170 lm/W (2 LED modules)
- Aluminium housing, IP66 protection
- 90° beam, optional 20° / 40° / 60° optics
- 1-10V dimmable, 50,000 hours lifetime
- 5 years warranty

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ELECTRICAL DATA	
Wattage (Consumption)	500W
Voltage	AC 200-240V
Frequency	50-60Hz
Power Factor	>= 0,95
Dimming	1-10V
Electrical class	Class I

PHOTOMETRICAL DATA	
Temperature (Kelvin)	3000K or 5000K
Light color	Warm or cool white
Luminous efficiency	170 lm/W
Lumen (3000K / 5000K)	85,000 lm (±10%)
Beam angle	90° (optional 20° / 40° / 60°)
Color Rendering Index (CRI)	>= 70 Ra
LED quantity	192 pcs
Operating Temperature range	-20 °C to +50 °C

CAPABILITIES	
Dimmable	Yes, 1-10V
Optional beam optics	20° / 40° / 60°
LED modules	2
Mounting	Adjustable U-bracket

LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

DIMENSIONS & PACKAGING	
Dimensions	630x240x280 mm
Net weight	16.5 kg
Gross weight	18.2 kg
Inner box	1 piece
Outer box	1 piece
Outer carton	645x390x275 mm

ADDITIONAL INFORMATION	
Driver	SOSEN
LED Chip	Lumileds/Sanan SMD5050
IP Rating	IP66
Housing	Aluminium
Storage temp.	-30 °C to +60 °C
Certificates	CE & ROHS

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Schematic drawing, not to scale. Dimensions in mm (L x W x H).

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USER MANUAL | HOW TO USE

STEP 1 Unpack and check

Open the carton and take out the luminaire. 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 bracket

Fix the U-shaped mounting bracket securely to a suitable pole or structure that can carry the weight of the luminaire (gross weight 18.2 kg).

STEP 4 Set the angle

Adjust the tilt of the luminaire with the angle adjustment on the bracket and tighten all fixing screws firmly after setting the desired aiming direction.

STEP 5 Connect the cable

Connect the supply cable to AC 200-240V (Class I: connect the earth). For 1-10V dimming, connect a 1-10V dimmer to the dimming wires of the driver.

STEP 6 Turn on and maintain

Switch on the mains supply. Never look directly into the LED beam. Maintenance and repair by trained professionals only; stop using the luminaire if the cable or housing is damaged.

PACKING INFO

In the box	1 x luminaire with mounting bracket
Inner box	1 piece
Outer carton	1 piece (645x390x275 mm), gross weight: 18.2 kg

SAFETY NOTICE:

- Installation must be done by a professional electrician only; non-professionals must not install, disassemble or connect wires (high voltage).
- The luminaire is heavy: use sufficient people or lifting equipment when mounting.
- If the power cable or the housing is damaged, the product must not be used.
- 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).
- Unauthorised disassembly may void the after-sales service. After its service life the product needs an inspection or special treatment for disposal.