DATA SHEET

VARNALUX

LED TRI-PROOF 18W

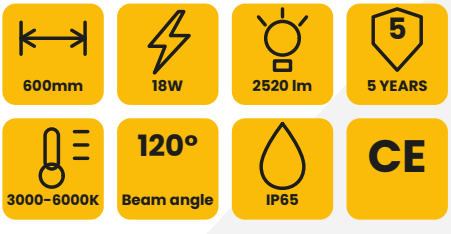
S SERIES INJECTION | IP65 | 60 CM | 140 LM/W | CONNECTABLE



APPLICATION

- Kitchens, bathrooms, basements and garages
- Storerooms and humid or dusty indoor places
- Power plants, steel mills, petrochemical plants
- Outdoor: stadiums and parking lots
- Ships and other harsh environments
- Hospital operating rooms and special places

AVAILABLE MODELS	
Color Temp	REF No
3000K	200023
4000K	200024
6000K	200025







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ELECTRICAL DATA	
Wattage (Consumption)	18W
Voltage	AC 200-240V
Operating voltage	DC 120V
Max. current	0.08A
Constant current	0.15A
Power Factor	>= 0.9
Dimming	Non-dimmable
Electrical class	Class II

PHOTOMETRICAL DATA	
Temperature (Kelvin)	3000K, 4000K or 6000K
Light color	Warm, neutral or cool white
Luminous efficiency	140 lm/W (3000K: 130 lm/W)
Lumen	2520 lm (3000K: 2340 lm), ±10%
Beam angle	120°
Color Rendering Index (CRI)	> 80
LED quantity	80 pcs (SMD2835)
Operating Temperature range	-20 °C to +50 °C

CAPABILITIES	
Dimmable	No (non-dimmable)
Series connection	Yes, max. 60 pcs
Impact resistance	IK08
Mounting	Surface mounting with brackets (supplied)

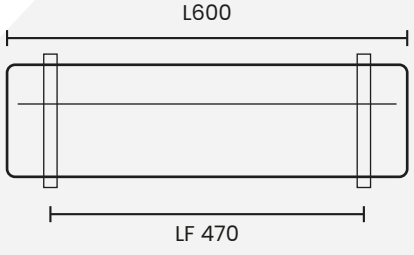
LIFESPAN & WARRANTY	
Lifespan	50.000 hrs
Warranty	5 years

DIMENSIONS & PACKAGING	
Dimensions	600 x 36 x 48 mm
Fixing hole centre	470 mm
Net weight	0.255 kg
Gross weight	0.28 kg
Packing size	L690 x W51 x H39 mm
Outer box	40 pieces
Outer carton	705x275x335 mm
Carton gross weight	13.45 kg

ADDITIONAL INFORMATION	
LED Chip	Sanan SMD2835
IP Rating	IP65
Housing	PC
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 **Turn off the power**

Switch off the power supply before installation. Installation must be done by a registered electrician only.

STEP 2 **Drill the holes**

Drill Ø6 mm holes at the fixing hole centre: 470 mm (60 cm), 1020 mm (120 cm), 1320 mm (150 cm).

STEP 3 **Install the brackets**

Insert the expansion bolts at the fixing hole centre, fix the brackets with the screws and install the luminaire in the brackets.

STEP 4 **Fix the luminaire**

Fix the luminaire with the brackets to the ceiling or suspend it.

STEP 5 **Prepare the cable entry**

The luminaire is shipped without cable. Loosen the cable gland at the end and remove the plug and the end cap parts.

STEP 6 **Connect the cable**

Connect the supply cable to the connector: N and L, AC 200-240V. Then tighten the cable gland.

STEP 7 **Series connection**

Luminaires can be connected in series. Maximum quantity: 18W - 60 pcs, 32W - 30 pcs, 45W - 20 pcs.

STEP 8 **Turn on the power**

Switch on the power supply. The light is ready for use.

PACKING INFO

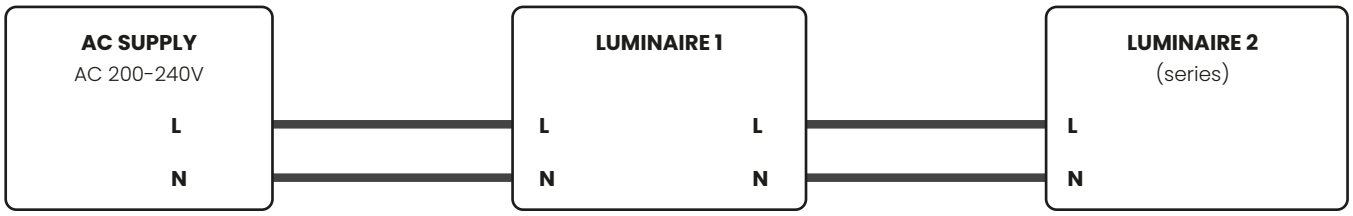
In the box	1 x luminaire, 2 x mounting brackets, 2 x expansion bolts, 2 x screws, 1 x manual
Cable	Not included (luminaire is shipped without cable)
Outer carton	40 pieces (705x275x335 mm), gross weight of carton: 13.45 kg

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CONNECTION DIAGRAM



Series connection: maximum quantity per supply - 18W: 60 pcs, 32W: 30 pcs, 45W: 20 pcs. Luminaires are shipped without cable.

SAFETY NOTICE:

- Electrical installation must be done by a registered electrician only.
- Switch off the power supply before installation. Before replacing the driver, disconnect the luminaire from the supply and let it cool down.
- Never touch the lamp while the luminaire is switched on.
- In case of any malfunction disconnect the luminaire from the supply immediately. Do not try to repair it yourself: repair must be done by a registered electrician or an official service agent.
- If there is any damage on the power line or the shell, the product must not be used. Use the light out of its package and check it for transport damage.
- Never cover the lights by other objects and never allow the light to come into contact with open flames or external heat sources.
- Avoid looking directly into the LED beam, especially for extended periods. Do not shine the light in another person's eyes.
- Keep packaging material away from children and pets (risk of suffocation, small parts).
- After its service life the product needs an inspection or special treatment for disposal.