

LED10

Very compact and user-friendly LED grow lighting system

The compact and lightweight LED10 covers a 10 m² surface, making it ideal for stimulating grass growth in high-wear areas of the pitch.

Why to use the LED10?

- Compact slim design, easy to operate, with leg construction for minimal shadowing
- Superior uniform performance in all climates
- Most effective and energy efficient light spectrum
- Independent control over light and heat

When to use the LED10?

The SGL LED grow lights provide the highest level of the most efficient light spectrum, enabling photosynthesis on high wear areas when natural sunlight is not sufficient. For example:

- In winter
- In shaded areas
- To repair small damages

How to use the LED10?

Because of its lighting surface of 10 m², the LED10 is ideal to repair damaged areas. You can treat up to 4 areas by moving the units to a next location every 24 - 48 hours. The LED10 is suitable for all grass sports surfaces.



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Technical specifications

Treatment surface	10 m ²
Average light level	387 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimensions	L 2.4 m x W 1.1 m x H 1.65 m
Dimensions folded (storage)	L 1.7 m x W 0.3 m x H 0.4 m
Weight	46 kg
Number and type LED modules	2 x SGL LED 600W
Number and type IR fixtures	1 x SGL IR 1300W
Voltage	230 VAC
Power consumption	2.5 kW
Type of plug*	1 x 16 A Mennekes 1 x Schuko 16A 250V
Current	11 A
Power cable specification	2.5 mm ²

Performance, power consumption and current is based on nominal value (100%) and ambient temperature of 25 °C.

SGL LED technology

Our unique LED-technology and Infrared radiation are designed in-house from scratch. Decades of research and experience across the globe in every climate have resulted in the newest state-of-the-art SGL LED-technology. Our LED modules and IR fixtures have the widest light and heat spread available, with dedicated lens and reflector design for optimized light and heat distribution. Therefore, less modules are required, which results in a lightweight and accessible lighting system. On the basis of extensive research and field study, the most effective and energy efficient light spectrum was created for our LED lighting systems. The spectrum is optimized for both leaf and root growth, plant recovery and plant resistance. At the same time, the spectrum consumes as little energy as possible.



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