

LED30

Compact and easy to operate LED grow lighting system

The accessible and lightweight LED30 covers a 30 m² surface, making it ideal for stimulating grass growth in high-wear areas of the pitch.

Why to use the LED30?

- 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 LED30?

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. Independent control of light and temperature ensures that the exact amount of heat can be added when temperatures are too low for optimal grass growth. This feature ensures perfectly balanced growing conditions in all climates throughout the year, with the least possible energy input.

How to use the LED30?

Use the integrated SmartBox to set the required temperature and schedule for optimal performance of the lights. The SmartBox logs operational data, such as position, running hours and electricity consumption for maximum insight and control.

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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Technical specifications

Treatment surface	30 m ²
Average light level	437 $\mu\text{mol}/\text{m}^2/\text{s}$
Dimensions	L 4.8 m x W 1.85 m x H 2.0 m
Weight	205 kg
Number and type LED modules	6x SGL LED 600W
Number and type IR fixtures	3x SGL IR 1300W
Voltage	400 VAC
Power consumption LED / LED+IR	3.6 kW / 7.5 kW
Type of plug	1 x 32 A Mennekes (3P+N+E) 400 V
Current LED / LED+IR	5.4 A / 11 A
Power cable specification	5 x 6 mm ²

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

Included features

- SmartBox 2.0
- Infrared heating*



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All managed from your TurfBase

Our products are connected to the SGL TurfBase. It is your data management tool and gives you full control over your pitch. TurfBase centralises all data from the SGL products, serving as a guide to achieving the highest grass quality for a perfect playing surface. TurfBase comes in preconfigured Basic, Standard, Pro or Expert packages, or it can be tailor made by adding individual specialized data modules.

