

LED120

Advanced LED grow lighting system

The LED120 covers a 120 square meter surface, making it ideal for stimulating grass growth in large, high-wear areas of the pitch such as the penalty box and areas next to the sidelines and backline. Its premium LED lighting and Infrared technology, combined with a smart control system, guarantee the highest grass quality and optimal energy efficiency all year round.

Why use the LED120?

- Improve quality of play
- Increase players safety
- Decrease ecological footprint
- Maximise energy and cost savings

When to use the LED120?

Light and temperature are controlled individually on the LED120 with smart sensor-based operation, creating the perfect growing conditions in all climates:

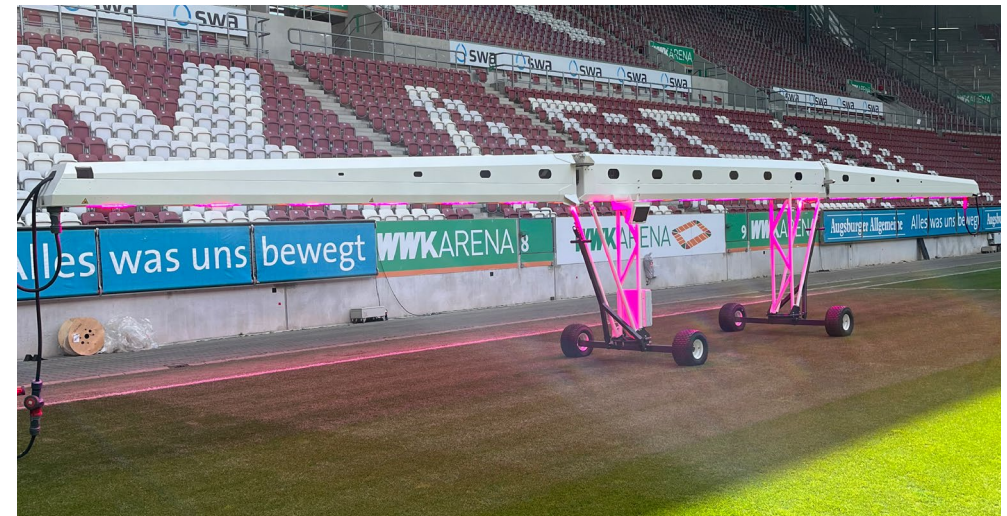
- In winter & summer
- In shaded areas
- In case of an intense playing and/or event schedule with little time for repair

How to use the LED120?

The LED120 has a lighting surface of 120 m², therefore it's ideal for treating large high traffic areas on flat grass playing surfaces. You can treat up to 6 areas by moving the unit to a next location every 24 - 48 hours.

SGL LED technology

Our unique LED technology and Infrared radiation are designed from scratch. Decades of research and experience across the globe in every climate have resulted in state-of-the-art LED technology. Our LED fixture has the widest light spread available. Therefore, less fixtures 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 optimised for both leaf and root growth, plant recovery and plant resistance. At the same time, the spectrum consumes as little energy as possible.



LED120

Advanced LED grow lighting system

All managed from your Portal

Our products are connected to the SGL Portal. The Portal is your personal management tool. It provides insight into key pitch values and enables you to improve efficiency and quality of use of resources. Configure your products with additional Assist Modules to get the most out of your systems.

Technical specifications

Lighting footprint	120 square meters
Light level	404 $\mu\text{mol}/\text{m}^2/\text{s}$
Machine dimensions unfolded	L 20.2 m x W 2 m x H 2.6 m
Machine dimensions folded	L 6.9 m x W 2 m x H 2.6 m
Weight	755 kg
Type & amount of LED fixtures	21x SGL LED1 v3 Advanced Pitch Light
Type & amount of infrared fixtures	20 x SGL IR850 PitchPro
Power consumption (min/max)	14.7 kWh / 32 kWh
Voltage	400 V
Amperage (max)	48 A
Type of plug	63 A Mennekes CEE
Thickness cable	5 x 16 mm ²

Get the most out of your system

Add Assist modules

- ProductConnect
- Lighting Advice
- Weather Forecast
- Automated alerts
- Performance tracking
- Maintenance tracking
- Custom registration
- Agronomical support

Add features

- Irrigation
- Evergreen Turf Cover

Included features

- Smartbox
- IR/temperature sensor
- Infrared heating

