



# TLS 9T

The online, robust and light weight turf grow lighting rig

**The TLS 9T is fitted with 9 1000W Hortilux grow lights and covers an area of 50 square meters at 378 $\mu$ mol.**

The TLS 9T lighting rig is perfect when improving the quality of the grass in smaller areas of the playing surface, ensuring the perfect lighting requirements for grass coverage throughout the entire year. The HPS lighting fixtures on the TLS 9T also applies additional heat, increasing the temperature at grass level ideal for the winter months. The lightweight aluminium makes the rig user friendly and easy to move around according to your needs. The weight of the rig and turf-grade tyres minimizes damage to the turf.

## Key features

- User friendly and lightweight aluminium construction
- 50% or 100% usage of lights depending on natural light, temperatures or pitch needs
- Compact design reduces storage area requirement with 50% versus competition
- Easy to use interface touchscreen allowing specific time schedule for lighting usage.
- Built in soft-START/STOP to minimise electrical overload.
- Fixtures from Hortilux, the specialist in grow light solutions.
- PAR sensor
- Smart local and remote operation through Turfpal™



Lighting footprints and light level options	50 m <sup>2</sup> and 378 μmol
Weight	252 kilograms
Dimensions (unfolded, maximum footprint)	L: 6.05 m, W: 2 0 m, H: 2 29 m
Dimensions (folded, minimum footprint/storage)	L: 6.05 m, W: 2 0 m, H: 2 29 m
Light Fixtures	9 each Hortilux HSE NXT II 1000W
Power Supply Requirements	1 x 16A 400V Three-phase 5 pin supply and 1 x 14 A load with all lights on
Power Management	Delayed start with soft start and stop of the lights. Voltage input measurement and log
Smart Turfpal™ PLC control box	Soil and air humidity and temperature sensors, PAR sensor, gyroscope, voltage measurement and log. Local operation through the built-in touch screen.
Turfpal™ web-based turf management system	The control box is wirelessly/4G connected with the web based Turfpal™ data base. Turfpal™ collects information from local sensors and weather stations and offers online monitoring and control of the light rigs. Turfpal™ provides historical user data and offers full remote operation and monitoring of the light rig.
CE Approved and Certified	TLS 9T is fully CE approved construction, inclusive of mechanical parts, light fixtures, electrical installation, and parts.

## Compatible Products

- Turf Fans
- Turfpal™ Turf Management System
- Turf Covers

## Options

- Electric Drive
- Storage Covers