



TLS 18T

The online, robust and light weight turf grow lighting rig

The TLS 18T comes with 18 1000W Hortilux grow lights and covers an area of 120 square meters at 315 μmol .

The lightweight aluminium construction makes the rig user friendly and easy to move in and out of the stadium. The unique design of the TLS 18T makes it perfect for aiding the recovery of smaller areas such as goal mouths and warm up areas.

The TLS 18T comes with a new operational system that connects to our web based Turfpal™ turf management software enabling remote operation of the rigs using the Turfpal™ app.

Key features

- Smart local and remote operation through Turfpal™
- User friendliness and lightweight aluminium construction
- Compact design reduces storage area requirement with 50% versus competition
- Single row and foldable design provides high flexibility in coverage area and light level
- Light (PAR) sensors
- Soil and ambient humidity and temperature sensors



Lighting footprints and light level options	120 m ² and 315 μmol
Weight	394 kilograms
Dimensions (unfolded, maximum footprint)	L: 10 660 mm, W: 2 000 mm, H: 2 690 mm
Dimensions (folded, minimum footprint/storage)	L: 10 660 mm, W: 2 000 mm, H: 2 690 mm
Light Fixtures	18 each Hortilux HSE NXT II 1000W
Power Supply Requirements	1 x 32A 400V Three-phase 5 pin supply and 1 x28 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 18T 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