



TLS 72T

The largest and most flexible turf grow lighting rig available

The height adjustable TLS 72T comes with 72 1000W Hortilux grow lights and covers an area of 480 square meters.

In its highest position (4,4 meters) the TLS 72T has an average output of 315 μmol over 480 square meters. If you are in need for a fast recovery, lower the rig to 2,63 meters and the TLS 72T will provide an average of 555 μmol over 272 square meters.

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
- Flexible in coverage area and light level
- Light (PAR) sensors
- Soil and ambient humidity and temperature sensors



Lighting footprints and light level options	480 m ² at 315 μmol, 272 m ² at 555 μmol
Weight	1 427 kilograms
Dimensions (unfolded, maximum footprint)	L: 21 100 mm, W: 3 567 mm, H: 4 820 mm
Dimensions (folded, minimum footprint/storage)	L: 11 600 mm, W: 2 400 mm, H: 3 060 mm
Light Fixtures	72 each Hortilux HSE NXT II 1000W
Interconnectivity	TLS 72T's can be connected in series of two as standard
Power Supply Requirements	2 x 63A 400V Three-phase 5 pin supply and 2 x 55 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™ Turf Management System	The control box is wirelessly/4G connected with Turfpal™. The software collects information from local sensors and weather stations and offers online monitoring and control of the lighting rigs. Turfpal™ provides historical user data, offers full remote operation and monitoring of the lighting rig.
CE Approved and Certified	TLS 72T 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