



# TLS 36T

The online, robust and light weight turf grow lighting rig

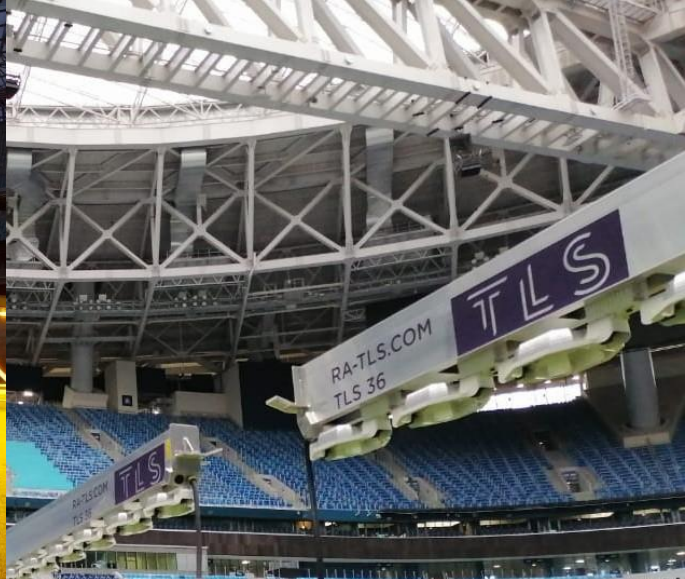
The foldable TLS 36T comes with 36 1000W Hortilux grow lights and covers an area of 240 square meters at 315  $\mu\text{mol}$ .

The TLS 36 model can be used in 4 different modes, fully open (unfolded) with 100% light on, fully open with 50% lights on or closed up (folded) with 50% or 100% lights on.

If you are in need for a fast recovery, the folded TLS 36T provides an output of 555  $\mu\text{mol}$  over 120 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
- 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	240 m <sup>2</sup> and 311 μmol, 120 m <sup>2</sup> and 555 μmol
Weight	677 kilograms
Dimensions (unfolded, maximum footprint)	L: 21 180 mm, W: 3 907 mm, H: 2 700 mm
Dimensions (folded, minimum footprint/storage)	L: 11 499 mm, W: 2 000 mm, H: 2 700 mm
Light Fixtures	36 each Hortilux HSE NXT II 1000W
Interconnectivity	TLS 36T's can be connected in series of two
Power Supply Requirements	1 x 63A 400V Three-phase 5 pin supply and 1 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™ 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 36T 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