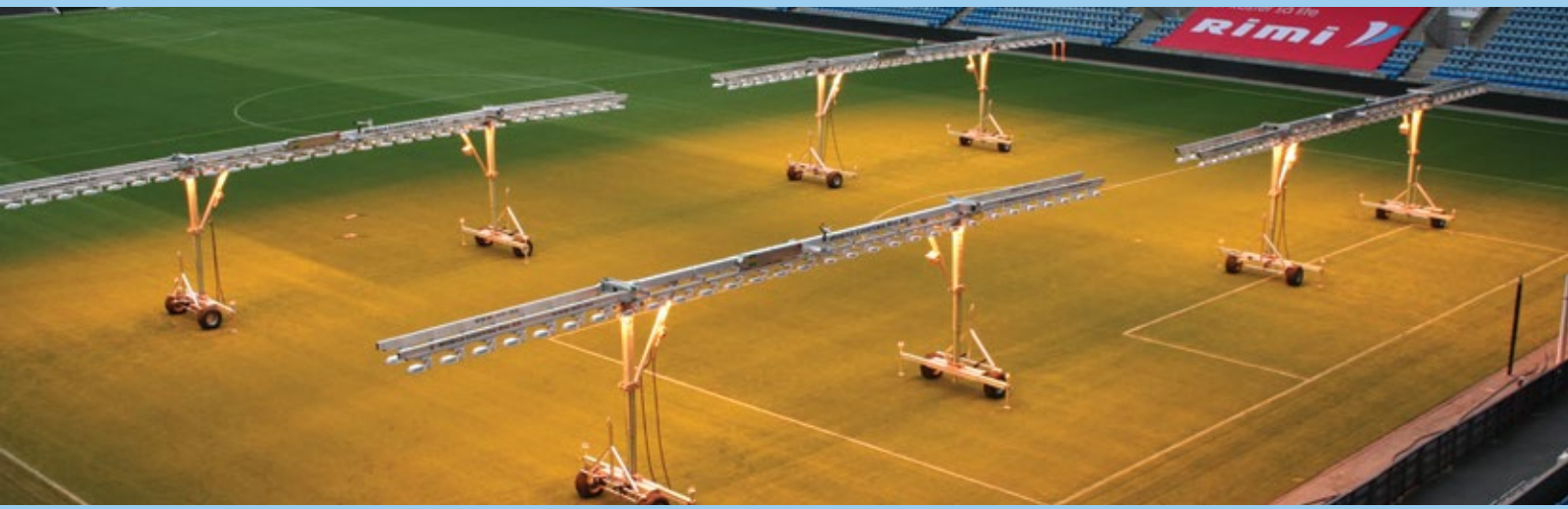


MLR THOR



MLR THOR Technical Specifications

Length of illumination footprint	24.0 m
Width of illumination footprint	15.0 m
Total length of light boom	21.0 m/11.0 m
(Operation/Transport)	
Total operational height	4.98 m/3.27 m
Total width	2.68 m/1.3 m
Lamp height above turf	4.20 m/2.50 m
Weight	1600 kg
Ground pressure per wheel	400 kg
Number of 1000W light fittings and lamps	60
Power consumption per lamp	1030 W
Radiated power per lamp	1000 W

Total power consumption	61.8 kW
Daily energy consumption, 20 hours x 61.8kW	1236 kWh
Voltage	400 V
Nominal current (at 400V)	2 x 45.5 Amp
Plugs	5 pin
Light fittings	Electronic ballast by Hortilux Schreder
Lamps/bulbs	Master GreenPower Plus 1000 W
Illumination footprint	360 m² – 400 m²
Treated area	1080 – 1200 m²
Average PPFD*	350 – 315 μmol/m²/s
DLI*	30.2 mol/m²/day

An innovative docking system solution for storage of the MLR Thor, reducing storage space, can be delivered based on stadium specific requirements.

Groundsmen can work underneath the lighting rig

- / Storage space, top boom: 11.0 m x 1.3 m per rig
- / Width of wheel system: 2.68 m
- / Axle to axle distance: 10.60 m