

MLR SOL



MLR SOL Technical Specifications

Length of illumination footprint	26 m
Width of illumination footprint	7 m
Total length of light boom (Operation/Transport)	24.4 m
Total operational height (Operation/Transport)	2.68 m
Lamp height above turf	2.10 m
Weight	743 kg
Ground pressure per wheel	185 kg
Number of 1000W light fittings and lamps	30
Power consumption per lamp	1030 W
Radiated power per lamp	1000 W
Total power consumption	30.9 kW
Daily energy consumption, 20 hours x 30.9kW	618 kWh

Voltage	400 V
Nominal current (at 400V)	45.5 Amp
Plugs	5 pin
Light fittings	Electronic ballast by Hortilux Schreder
Lamps/bulbs	4 Master GreenPower Plus 1000 W
Illumination footprint	180 m² – 200 m²
Treated area	600 m²
Average PPFD*	315 $\mu\text{mol}/\text{m}^2/\text{s}$
DLI*	29.4 mol/m²/day

PPFD = Photosynthetic Photon Flux Density

DLI = Daily Light Integral