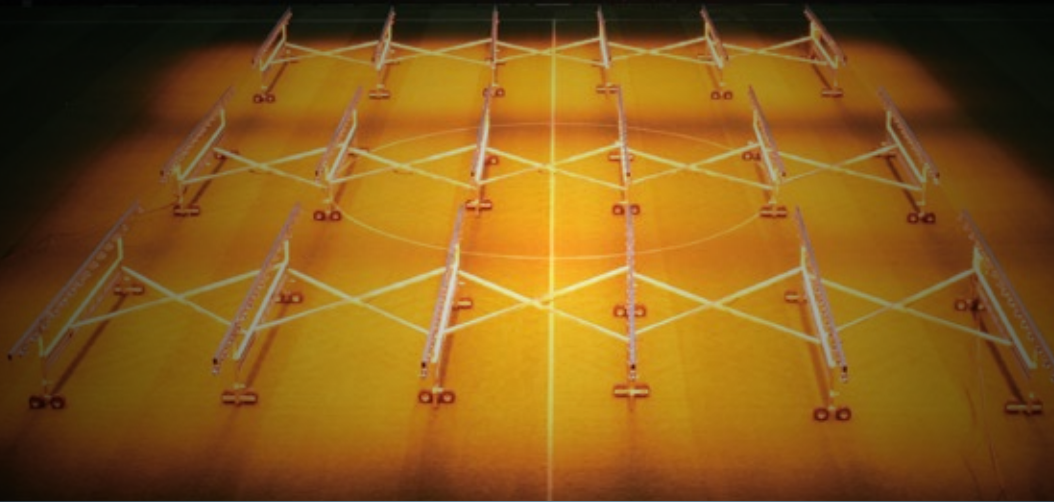


MLR ODIN



MLR ODIN Technical Specifications

Length of illumination footprint	35.3 m
Width of illumination footprint	17.0 m
Total length of light boom	13.2 m
Total operational height	2.68 m
Lamp height above turf	2.18 m
Weight	2100 kg
Standing on 25 inflatable rubber wheels	
Ground pressure per wheel	97 kg
Number of 1000V light fittings and lamps	96
Power consumption per lamp	1030 W
Radiated power per lamp	1000 W

Total power consumption	98.8 kW
Daily energy consumption, 20 hours x 98.9kW	1948 kWh
Voltage	400 V
Nominal current (at 400V)	3 x 44.6 Amp
Plugs	4 or 5 pin
Light fittings	Electronic ballast by Hortilux Schreder
Lamps/bulbs	Master GreenPower Plus 1000 W
Illumination footprint	600 m²
Treated area	1800 m²
Average PPFD*	336 μmol/m²/s
DLI*	29 mol/m²/day

Odin dimensions when folded:

Total length	13.4 m
Max height	2.68 m
Max width (bottom)	2.76 m
Max width (top)	1.68 m
Covered areas:	13.2 x 2.76 m = 36.4 m²

PPFD = Photosynthetic Photon Flux Density

DLI = Daily Light Integral