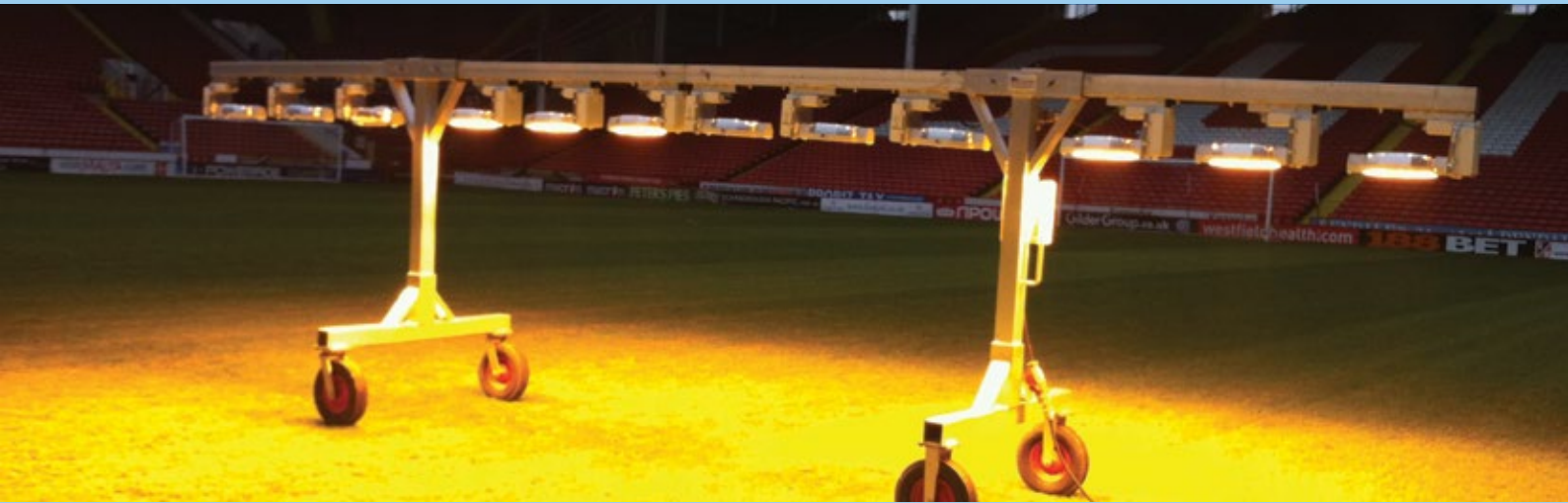


MLR LOKI



MLR LOKI Technical Specifications

Length of illumination footprint	8.5 m
Width of illumination footprint	8.0 m
Total length of light boom	8.0 m
Total operational height	2.70 m
Lamp height above turf	2.20 m
Weight	175 kg
Standing on 24 inflatable rubber wheels:	
Ground pressure per wheel	43.75 kg
Number of 1000W light fittings and lamps	12
Power consumption per lamp	1015 W
Radiated power per lamp	1000 W
Total power consumption	12.36 kW

Daily energy consumption, 20 hours x 12.36kW	247 kWh
Voltage	400 V
Nominal current (at400V)	1 x 18.2 Amp
Plugs	5 pin
Light fittings	Electronic ballast by Hortilux Schreder
Lamps/bulbs	High pressure sodium, Philips Master GreenPower Plus 1000 W
Illumination footprint	80 m²
Treated area	240 m²
Average PPFD*	300 $\mu\text{mol}/\text{m}^2/\text{s}$
DLI*	25.9 mol/m²/day