

# Lighting the way to year-round playing surfaces

## MLR ORN



### MLR ORN Technical Specifications for Europe & Asia – single span light rig

Length of illuminated footprint	<b>4 m</b>	Daily energy consumption, 20 hours running time	<b>103 kWh</b>
Width of illuminated footprint	<b>6 m</b>	Voltage	<b>400 V</b>
Total length of light boom	<b>4 m</b>	Nominal current (400V)	<b>7.5 Amp</b>
Rig height	<b>1.7 m</b>	Plugs/sockets (400V rig)	<b>1x 400 V 32 A socket 5 pin</b>
Lamp height above turf	<b>1.3 m</b>	Cables (400V rig)	<b>25 metre H07RN 5G16</b>
Weight	<b>320 kg</b>	Light fittings (400V rig)	<b>Electronic ballast by Hortilux Schreder</b>
Ground weight per wheel	<b>80 kg</b>	Lamps/bulbs	<b>Master GreenPower Plus 1000 W EL</b>
Power consumption per lamp	<b>1030 W</b>	Illumination footprint	<b>24 m<sup>2</sup></b>
Radiated power per lamp	<b>1000 W</b>	Average PPFD*	<b>296 μmol/m<sup>2</sup>/sec</b>
Total power consumption (1000W rigs)	<b>5.15 kW</b>	DLI*	<b>25.6 mol/m<sup>2</sup>/day</b>