

# MSSL20W-HY | 20W Solar Street Light Hybrid



The Hybrid range allows you to have the high lux levels with a lower cost. Ideal for applications where you may not want a powerful light on for the full night. Popular for security lighting and carpark areas. Built-in solar controller - set to run 100% for 3 hours, then 30% for remainder of night unless activated by movement, which will return output to 100% for a minute or until movement stops. Battery Capacity and type: 14.4V Lithium Charge Time with full sunshine: 3 Hours Light: SMD 72 x Phillips Lumileds – Cool White 5K Light Coverage: Approximately 10m X 10m Hardware: Includes all steel bracketing, battery, light, solar panels, controller and all nuts and bolts required for installation. Pole not included.

Luminaire Power	20,00 W
Lumen	2 600
LED Type	SMD
LED Name	Philips Lumileds
Lens	PMMA
LED Temperature	5000K
Beam Angle	150deg/80deg
Coverage	100m <sup>2</sup>
CRI	>80
Battery Chemistry	Lithium-Ion
Battery AH	13.5Ah
Battery Wh	195
Battery Cycles	>2000
Panel Total W	40
Panel Voltage	18V
Panel Current	2.22A
Controller Type	PWM SmartLED
Controller Size	10A
Controller Program	3hrs 100% then 30% until activated by motion
Controller Protections	Over-Charge, Over-Discharge, Temp Compensation
Controller Sensor	Built-in Day/Night Sensor and Motion
Operating Temp	-10 to 45 deg C
IP Rating	IP68
Mounting Height	4-6m
Pole-to-Pole	15m
Pole Top Size	60
Power Box Type	MS-52-S
Steel Description	High Quality Galvanized
Warranty	3 Years
Pole or Base	Not Included

