

# MSSL80W | 80W Solar Street Light



Built-in dimmable LED Driver. Controller is set to run 6 hours at 100% power and remainder of the night 70% power. Light: 54 X CREE XTE – Cool White 5K5 - 10400lm Battery Capacity and type: 25.2V Lithium Battery Controller: SmartLED 8 A with day/night sensor Solar Panel: 100W X 3; Battery Capacity 1350Wh Charge Time with full sunshine: 3.5 Hours Light Coverage: Approximately 35m X 10m rectangle Bracketing: Includes battery box bracket, solar panel bracket and light bracket Pole Frequency - 35m

Luminaire Power	80,00 W
Lumen	10 399
LED Type	SMD
LED Name	Philips Lumileds
Lens	PMMA
LED Temperature	5000K
Beam Angle	150deg/80deg
Coverage	370m <sup>2</sup>
CRI	>80
Battery Chemistry	Lithium-Ion
Battery AH	54Ah
Battery Wh	1 350
Battery Cycles	>2000
Panel Total W	300
Panel Voltage	54V
Panel Current	5.56 A
Controller Type	MPPT SmartLED
Controller Size	15A
Controller Program	6hrs 100%, 7hrs 70%
Controller Protections	Over-Charge, Over-Discharge, Temp Compensation
Controller Sensor	Built-in Day/Night Sensor
Operating Temp	-10 to 45 deg C
IP Rating	IP68
Mounting Height	8m
Pole-to-Pole	30-35m
Pole Top Size	127
Power Box Type	MB-67-T
Steel Description	High Quality Galvanized
Warranty	3 Years
Pole or Base	Not Included

