

MSSL30W-HY | 30W 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 20m X 8m Hardware: Includes all steel bracketing, battery, light, solar panels, controller and all nuts and bolts required for installation. Pole not included.

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| Luminaire Power | 30,00 W |
| Lumen | 3 750 |
| LED Type | SMD |
| LED Name | Philips Lumileds |
| Lens | PMMA |
| LED Temperature | 5000K |
| Beam Angle | 150deg/80deg |
| Coverage | 160m ² |
| CRI | >80 |
| Battery Chemistry | Lithium-Ion |
| Battery AH | 20Ah |
| Battery Wh | 240 |
| Battery Cycles | >2000 |
| Panel Total W | 50 |
| Panel Voltage | 18V |
| Panel Current | 2.78A |
| 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 | 15-20m |
| Pole Top Size | 90 |
| Power Box Type | MB-67-S |
| Steel Description | High Quality Galvanized |
| Warranty | 3 Years |
| Pole or Base | Not Included |

