

LYRA-S-W

SOLAR STREET LIGHT WITH WIFI ENABLED AND INBUILT MPPT CHARGE CONTROLLER



LYRA-S-W-SERIES LED SOLAR STREETLIGHTS

is the technology of obtaining usable energy from the light of the sun using semi conductor materials an this is energy efficient lighting technology. Lokozo lights are a range of high-quality luminaires designed to reduce lighting costs without compromise to the visual quality of outdoor environments.

FEATURES

- High efficiency;
- High lumens output & uniformity;
- Low power consumption;
- Low maintenance costs;
- Automatic ON/OFF control system
- Automatic dimming control system.
- The aluminium material is of heat, corrosion and UV resistant type.
- Wifi communication.
- Solar Availability and Battery Cutoff will display on Smartphone app.
- Battery charging will display on Smartphone app.
- Load can be controlled by pressing ON/OFF/Dimming on LOAD display.

PART NO	LED POWER (W)	BATTERY	Wifi Communication
LYRA-S-40	40W	14.08 VDC	Yes
LYRA-S-50	50W	14.08 VDC	Yes
LYRA-S-60	60W	14.08 VDC	YES
LYRA-S-80	80W	14.08 VDC	YES
LYRA-S-100	100W	14.08 VDC	YES

TECHNICAL SPECIFICATIONS

On/Off Cycles:	50000 Hrs.
Correlated Color Temperature	5800K
Color Rendering Index	>80
Beam Angle	120° / 80° x 150°
IP Rating	IP66
Finishing Color	Shades of Grey
Driver Integrated (Yes/No)	Yes
MPPT Charge Controller	Yes
Data communication	Data communication can be monitor through wifi by LOKOZO app from google play store.

ELECTRICAL SUPPLY

Battery Voltage	14.08 VDC
Solar Charge Controller	5A/10A/20A

APPLICATION CONDITIONS

Operating Temperature range	-20 to +50 °C
Nominal Temperature	25 °C

MATERIAL PROPERTIES

Optical Material	Toughened Glass
Housing	Aluminium die cast