

LYRA-SM

SOLAR STREET LIGHT WITH BLUETOOTH ENABLED AND INBUILT CHARGE CONTROLLER



LYRA-SM-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.
- Bluetooth 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 or OFF on LOAD display.

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 by LOKOZO app from google play store.

ELECTRICAL SUPPLY

Battery Voltage	12 / 24 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

PART NO

LED POWER (W)

BATTERY

Bluetooth Communication

LYRA-S-40
LYRA-S-50

40W
50W

12 / 24 VDC
12 / 24 VDC

Yes
Yes