

GENTREX

SOLAR STREET LIGHT

GENTREX-I

INTEGRATED SOLAR STREET LIGHT



GENTREX-I SERIES LED SOLAR INTEGRATED

STREET LIGHTS is the technology of obtaining usable energy from the light of the sun using semi conductor materials and 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.

TECHNICAL SPECIFICATIONS

On/Off Cycles:	50000 Hrs.
Correlated Color Temperature	5500° K to 6500° K
Color Rendering Index	>80
Beam Angle	120° / 80° x 150°
IP Rating	IP66
Finishing Color	Shades of Grey
Driver Integrated (Yes/No)	Yes

ELECTRICAL SUPPLY

Battery Voltage	14.8 VDC
Solar Charge Controller	5A/10A/20A

APPLICATION CONDITIONS

Operating Temperature range	-20 to +45 °C
Nominal Temperature	25 °C

MATERIAL PROPERTIES

Material	MS
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PART NO	LED POWER (Watt)	BATTERY	SOLAR PANEL	AUTONOMY(DAYS)	MOTION SENSOR
GENTREX-I-12	12	14.8V @8.8Ah	20WP	1	Optional
GENTREX-I-15	15	14.8V @10.4Ah	20WP	1	Optional
GENTREX-I-20	20	14.8V @15.4Ah	30WP	1	Optional
GENTREX-I-30	30	14.8V @20.8Ah	45WP	1	Optional
GENTREX-I-40	40	14.8V @24.2Ah	50WP	1	Optional
GENTREX-I-50	50	14.8V @31.2Ah	75WP	1	Optional
GENTREX-I-60	60	14.8V @39Ah	80WP	1	Optional