



Gakwende church in Burundi has installed a solar based street lamp made by Sunnytek in Sweden in front of church. The Solaris led lamps have a solar panel to charge a Lithium battery that gives power to the LED emitter. This was earlier a dark area as there are no lamps in Gakwende and no grid.

Solaris led lamps have following characteristics.

- * Output power range from 2000 to 14500 Lumen
- * Solar panel on top with adjustable angle
- * Integrated Li-Fe-Ph battery rated for 60 C in operating temperature
- * Intelligent led driver with light switch, adjustable output power versus time
- * LED driver can have setting changed by a wireless remote control
- * LED emitter by Bridgelux USA (No China) with best quality and 70 000 Hours lifetime
- * LED emitter have 10 years life time warranty
- * Unique efficiency by smart design makes 140-160 Lumen / W in output

Lamp can have a flat beam output for large open areas or a lens design optimized for road style areas with long and narrow illumination pattern. We have designed and produced this type of lamp for 5 years and reclamation level is very good. Some have bene operated in very hot and humid areas with no problems.

Solaris lamps are designed and produced in Sweden and have EU origin of key parts.