



Criteria for Sourcing Commercial Solar Lights

Stealth Series Commercial Solar Light

Stealth 40-23 | Stealth 80-23 / 80-23-EX | Stealth 120-23 / 120-23-EX

- 1) Must operate dusk to dawn without dimming
- 2) Must have **2** motion sensors / dual motion sensors
- 3) Must use Phillips 5050 LED chips
- 4) Must have an aluminum housing with powder coat finish
- 5) Must have adjustable LED light bars with marked degree angles, adjustable up to 50 degrees
- 6) Must use LifePo4 batteries (Lithium Iron Phosphate)
- 7) Batteries must be replaceable and easily sourced from the manufacturer in the USA
- 8) Must have MPPT - Maximum Power Point charge Controller
- 9) Must include a remote for programming additional features
- 10) Must have visible LED status lights indicating charging, over-discharge, overvoltage, and short circuit
- 11) Must offer brightness ranges from 7,400 to 22,200 lumens
- 12) Must offer 2500k/4000k/5000k color temperature options
- 13) Must have type 3 light distribution and offer Optional Type I, II and IV lenses
- 14) Must have AC charging port
- 15) Must have ability to add solar expansion panels
- 16) Must have 3 year warranty minimum
- 17) Must be designed to withstand 180mph winds
- 18) Must be Dark Sky compliant or offer light shields
- 19) Must have LM-79, LM-84, TM-21 testing reports available
- 20) Must not require wiring for installation
- 21) Must offer integrated IoT and optional software program for remote monitoring
- 22) IoT Must be certified and approved for U.S. use by AT&T, T-Mobile, or Verizon
- 23) Must be Buy American compliant as complete system
- 24) Company must be certified ISO9001:2015