



LiFePO₄ battery long life and high performance



Bluetooth speakers



Installation in gardens, parks, sidewalks, bicycle lanes and parking areas



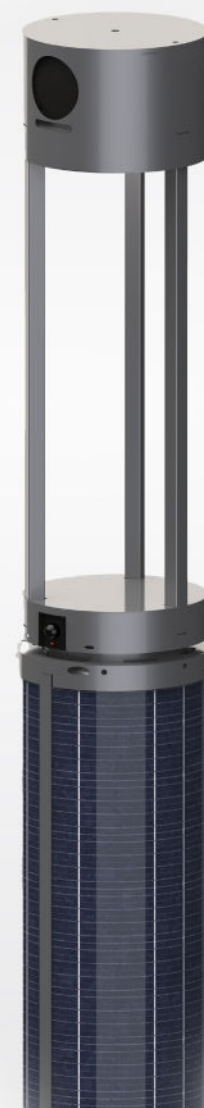
Flux reduction self management to prevent low battery level



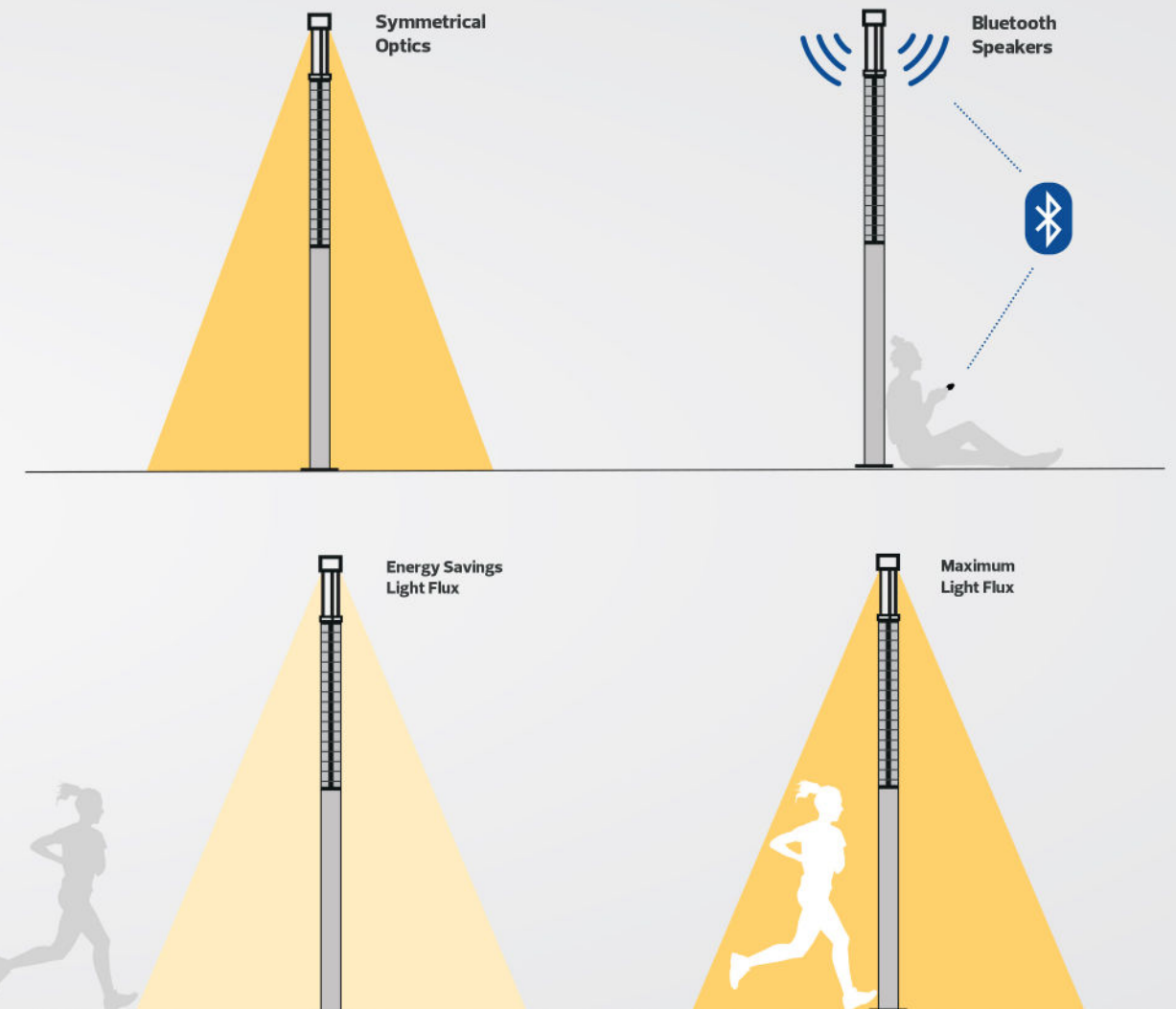
High efficiency LED lamps



Easy to install and maintenance



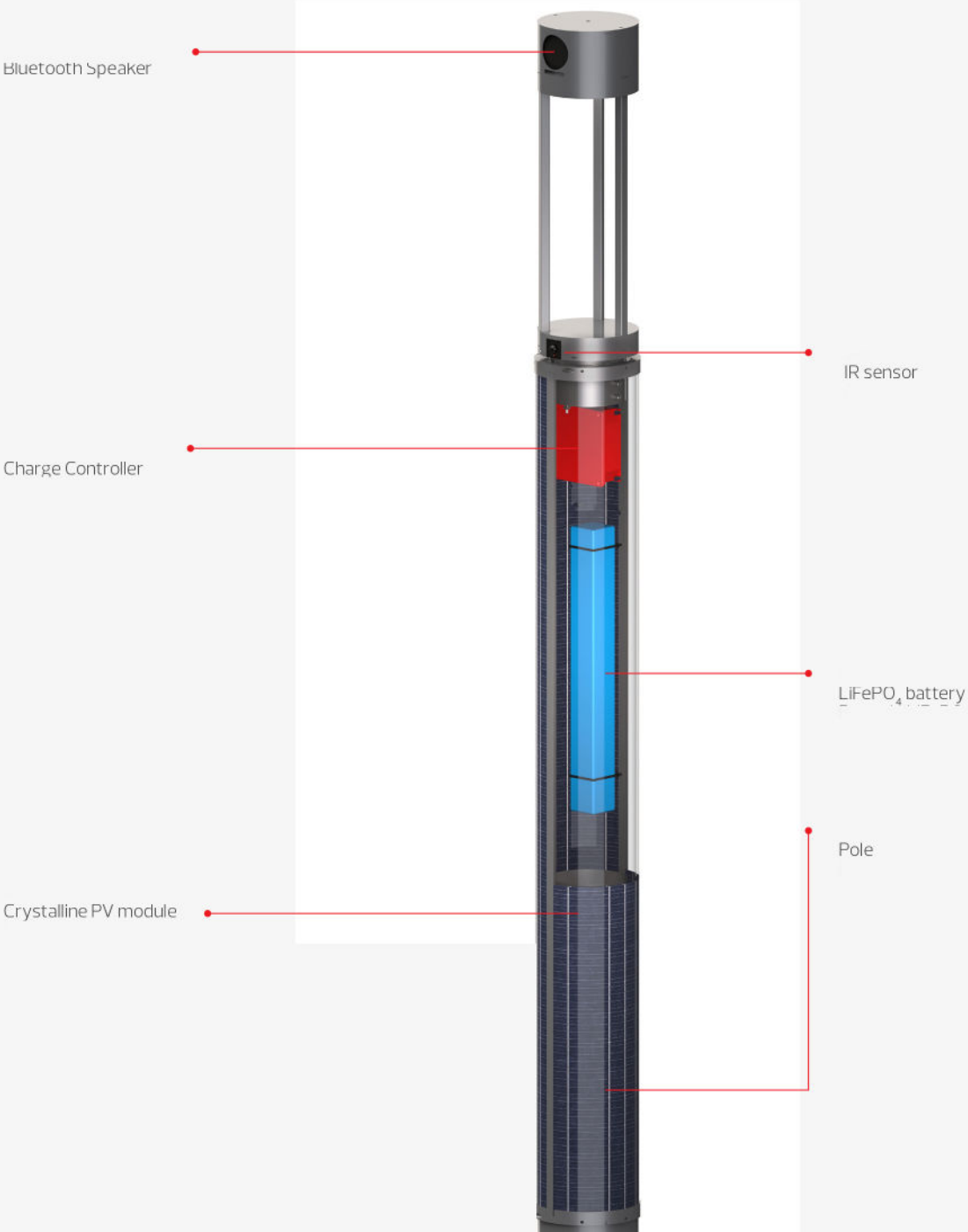
The solar street lamp has a completely different and innovative all-in-one lighting approach thanks to the vertical PV module and the LiFePO₄ battery integrated into the pole. It is an ideal design object for parks, gardens, cycle and pedestrian areas, prestigious areas and urban applications. It has a circular LED lamp with symmetrical optics and a Bluetooth stereo speaker available to users. It is equipped with an IR sensor which, by detecting the presence of people near the street lamp, increases the flux of the lamp in order to improve visual comfort while keeping energy consumption low.



**Bluetooth control
included as standard**

Pv module	240W monocrystalline cylindrical shape
Battery	LiFePO ₄ >3500Cycles (80%DOD) installed inside the pole 12,8V 42Ah
Charge controller*	SPB-20Bluetooth connection by smartphone or PC. MPPT high efficiency (> 95%)
Street lamp	Integrated lamp power 25W 3100lm
Color temperature – CRI	4000°K – CRI>70
Optic	Symmetric for wide area lighting – gardens and parks PMMA material
Light control	Self-management flux reduction to maximize lamp operation during cloudy days.
Mechanical parts	Pole: 5mt high above the ground, steel made and hot deep galvanized and painted RAL 7043 Wind load resistance in accordance to Eurocode 0-1-3 and production compliant to EN1090-2

*on demand may be supplied SPB-20/GSM charge controller with 2G modem with data monitoring through Western CO. web application (WCloud).



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