



## ST50

### TECHNICAL

Materials of Optics	PC
Materials of Housing	Made of cast aluminum alloy, chemically treated, and polyester powder coated.
Light Source	SMD (SCDM <3)
Color Temperature	3000K/ 4000K/ 5000K/ 5700K
Luminous Efficiency	200 Lum/W
CRI	>80
Beam Angle(°)	80 deg
UGR	
Lifetime(hr)	>94000hrs
Product Finishing	Grey



### FEATURES & BENEFITS

LED Driver	Built-In
Dimming Option	Dali/1-10V
Functions	-
Ingress Protection (IP Rating)	IP66
Impact Resistance (IK Rating)	IK08
Power Factor (PF)	> 0.90

#### Certification



### MODEL REF.

Standard CCT 5000K

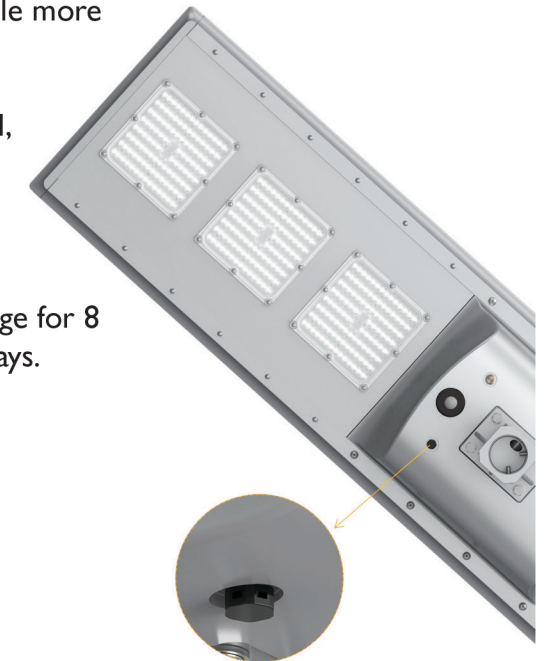
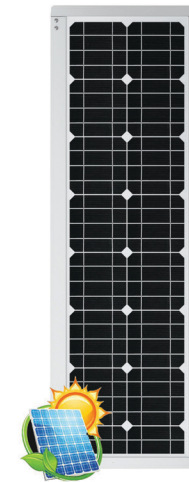
CODE	WATT	INPUT VOLTAGE(V)	SIZE(Ax Bx Cmm)	LUMEN(±5%)	N.W/pc(kgs)
ST50-30	30W	Solar	422x795	6000	11.5
ST50-40	40W	Solar	422x1100	8000	8.7
ST50-60	60W	Solar	422x1282	12000	11.5
ST50-80	80W	Solar	422x1282	16000	8.7
ST50-100	100W	Solar	422x1282	20000	8.7

## Mono-crystalline photovoltaic with a higher conversation efficiency

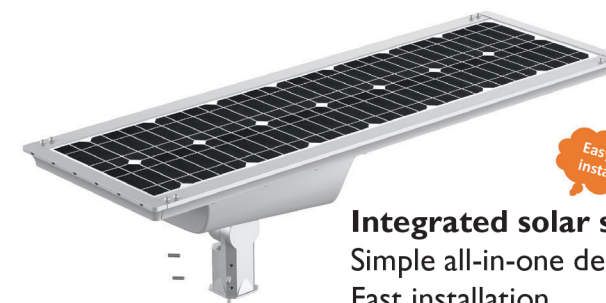
Battery and controller inside the fixture, easier to transport and install. Ours solar street light adopts LiFePO4 battery, high temperature resistance, large current discharge, life cycle more than 2000 times.

With 21% conversion rate mono-crystalline solar panel, the panel could help store more energy in rainy day, lifespan is much longer and lighting output performance is better.

LiFePO4 Battery, with longer lifetime, charge for 8 hours which can continuous work for 3 days.



Bring you a concise and full series solar street light without mess.



### Integrated solar street Light

Simple all-in-one design  
Fast installation  
Low shipping cost



### Traditional solar street light+external solar panel

Complicated structure  
High installation cost  
High shipping cost