

50w solar street light---Single Lamp



Suitable for: Estonia, Belarus, Belgium, Poland, Denmark, Germany etc....

Main Parts	Specification
1) Poly Solar panel	210W/24V*2
2) LED light	50W/24V
3) Lead-acid battery	65AH/12V*2
4) Controller	20A/24V
5) Pole & lamp arm & bracket of solar panel & battery box, underground fittings, wires and nuts	7.0 m

Special Notes and Instructions

Minimum order quantity: 1 sets

Delivery time: within 15 working days after received the deposit.

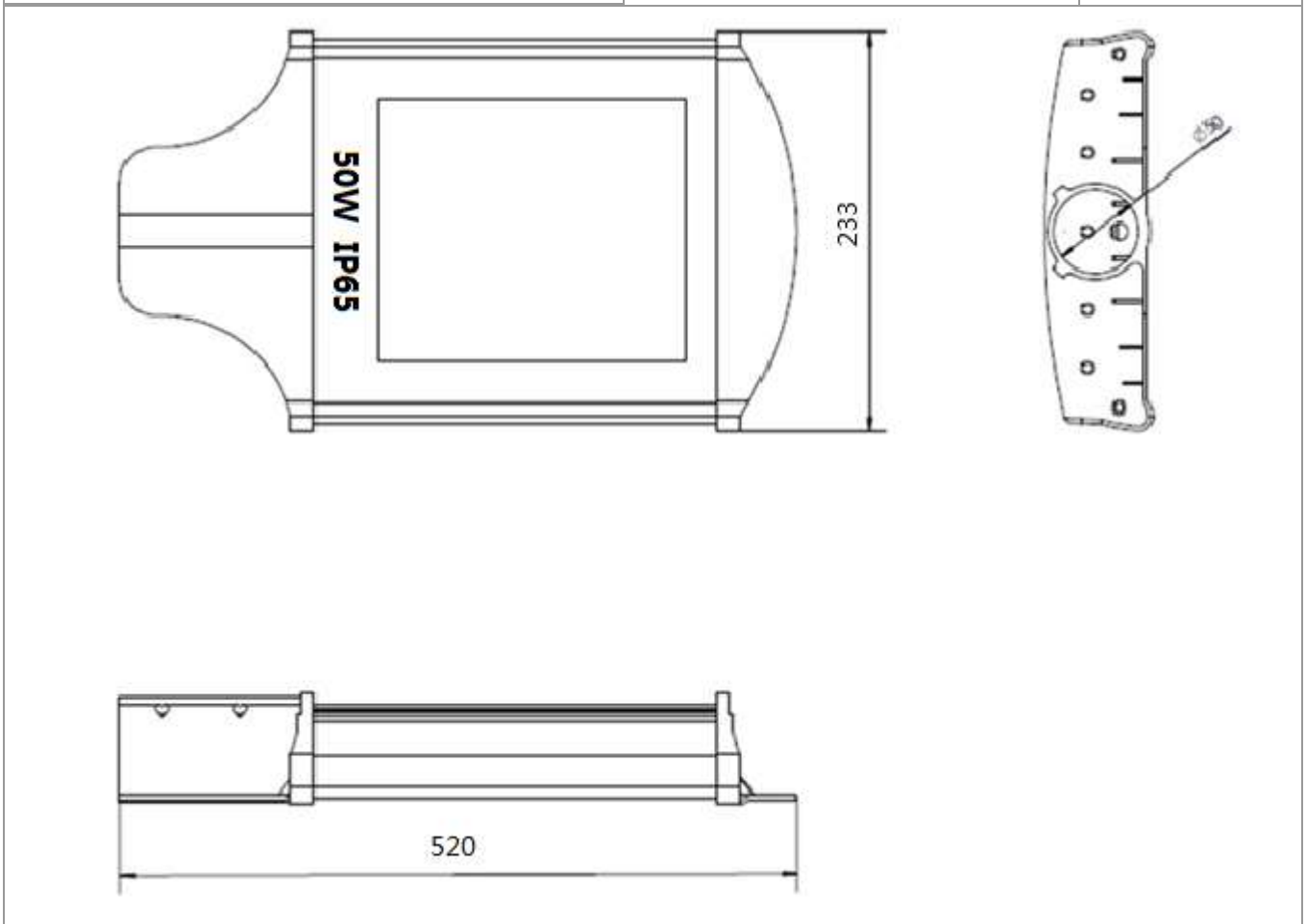
Working time: 11hours/day, can keep 0 rainy days



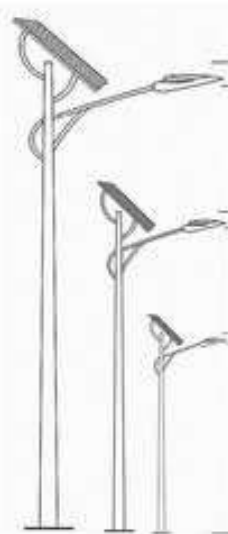
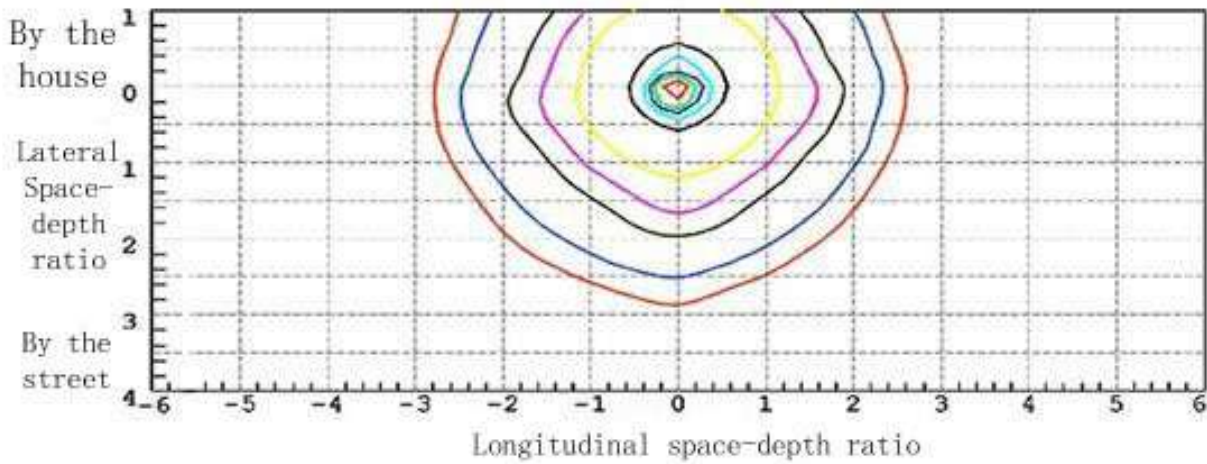
Macsun Solar Controller 6 Min Installation Mobile App Control system

Solar LED Street Lamp-50W




	MODEL	MS-SL50
	LED Power	50W
	Working Voltage	DC12/24 V
	Source Efficiency	>0.9
	Power Factor	>0.95
	LED Luminous Efficacy	80lm/W
	Lamp Efficiency	>90%
	Ra-color rendering index	Ra>65
	Color Temperature	4000K~6000K
	Working Temperature	-40°C~45°C
	Protection Grade	IP65
	Lifespan	>50000H
	Weight	4.18kg
	Dimension	520x223x60 mm



Absolute illumination curve of horizontal plane



8m	0.391
7.5m	0.444
7m	0.510
6.5m	0.552
6m	0.694
5.5m	0.826
5m	1.000
4.5m	1.235
4m	1.563
3.5m	2.041
3m	2.778
2.5m	4.000
Installation height	Correction factor

	19.24
	14.71
	12.45
	9.73
	7.24
	2.38
	1.24
	0.72
	0.24
	0.12
Illumination color lines	Illumination

Illumination to vertical point under the light 24.05lx

- ⦿ If the installation height is different from the calculated height, please use the correction factor table to calculate the illumination.