

40w solar street light---Single Lamp



Suitable for: Papua New Guinea, Brazil, Puerto Rico, Botswana, Bolivia etc....

Main Parts	Specification
1) Poly Solar panel	170W
2) LED light	40W/24V
3) Lead-acid battery	50AH/12V*2
4) Controller	10A/24V
5) Pole & lamp arm & bracket of solar panel & battery box, Underground fittings, wires and nuts	6.0 m

Special Notes and Instructions

Minimum order quantity: 1sets

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

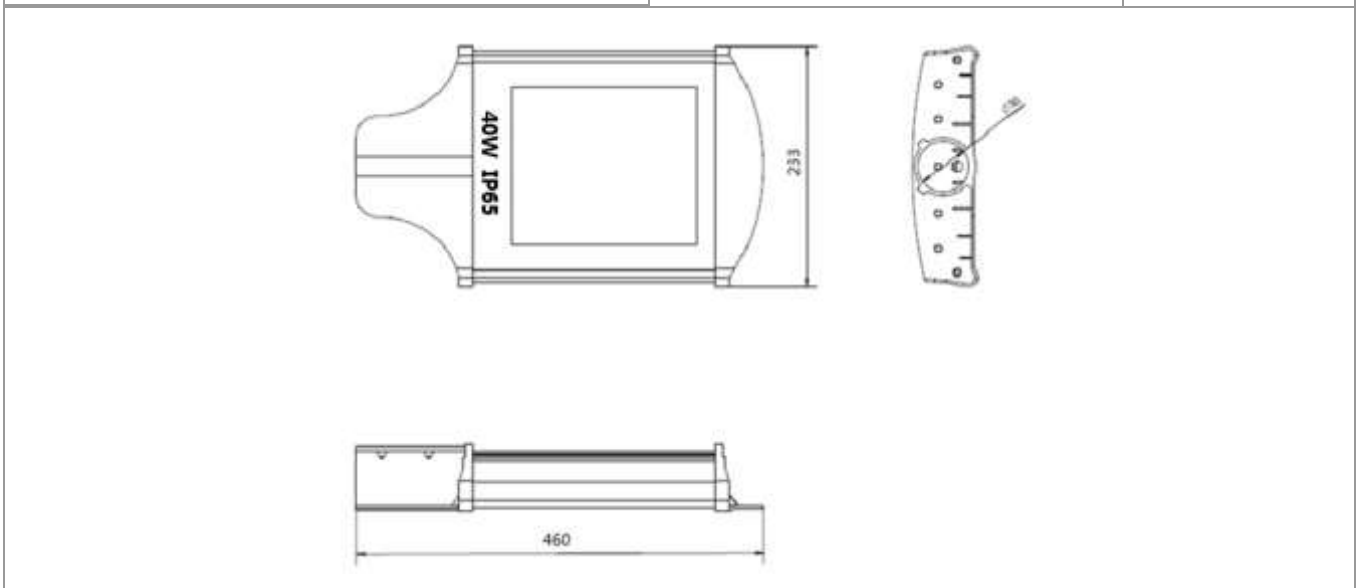
Working time: 11hours/day, can keep 0 rainy days



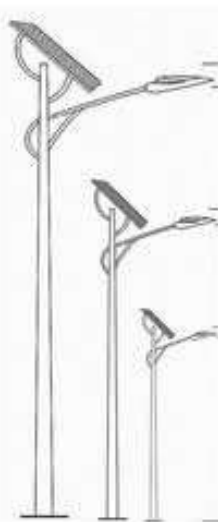
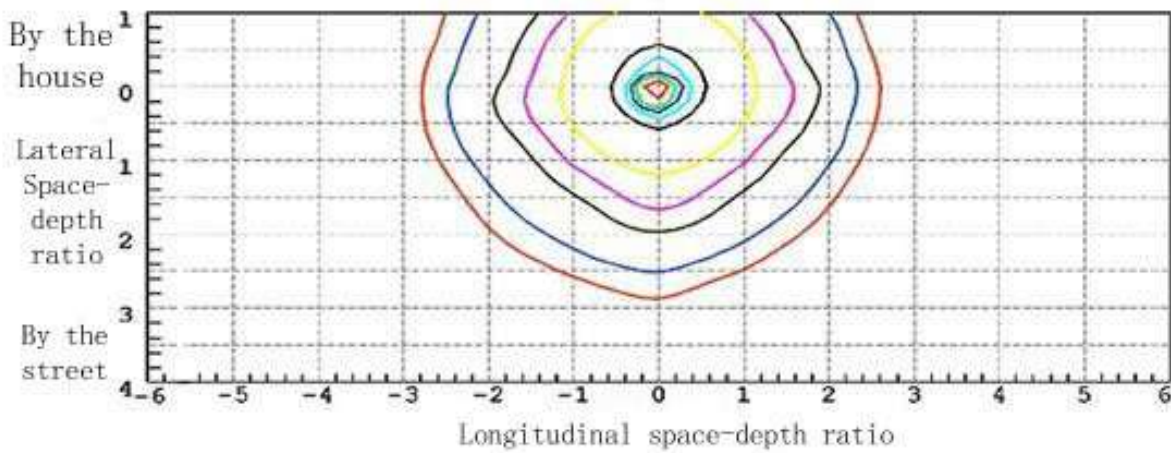
Macsun Solar Controller 6 Min Installation Mobile App Control system

Solar LED Street Lamp-30W

	MODEL	MS-SL40
	LLED power	40W
	Working Voltage	DC12/24 V
	Source Efficiency	>0.9
	Power Factor	>0.95
	Luminous Efficacy	80lm/W
	Lamp Efficiency	>90%
	Ra-color Rendering index	Ra>65
	Color Temperature	4000K~6000K
	Working Temperature	-40℃~45℃
	Protection Grade	IP65
	Lifespan	>50000H
	Weight	3.64kg
	Dimension	460x223x60mm



Absolute illumination curve of horizontal plane



Rising
↑
Calculated height
↓
Lowering

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.