

Solar LED Lamps Datasheet

3 models with full published specifications

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Manufacturing	Shenzhen Chiclits Technology Co., Ltd.
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Certification	CE (LVD) BST1703508020002Y-1SC-2 and RoHS BST1703508020001Y-1RC-4, issued by Shenzhen BST Technology Co., Ltd. for the LED bulb line

Every figure in this datasheet is taken from the manufacturer's specification for the model shown. Where a value is not listed it is not published; ask us and we will confirm it against current production before you order.

Solar LED Lamps

Self-powered garden and wall lamps with motion detection and a pest-repeller variant.

Solar lamps sell on a simple promise: no wiring, no electrician, no running cost. That promise only holds if panel, battery and LED are matched properly, which is why this small range is specified as complete units rather than as generic solar hardware. It includes a 150-LED PIR wall light, a waterproof garden lamp and a rodent-repeller lamp for growers and smallholders.

Models In This Range

150 LED Solar Motion Sensor Wall Light



Solar Panel	6V, 3W
Battery	3.7V, 4000mAh 18650 Li-ion battery
Charging Time	6-8h
Waterproof	IP65
Cable Length	5m
Solar Panel Size	180*155*15mm
Light Size	178*138*110mm
Material	Polysilicon solar panel + Copper wire + Plastic
Light Source	150pcs 2835 LED
Light Color	Pure white/ Warm white
Package Included	1 x Solar Panel
Function Introduction	Switching mode: manual switch + light control sensor + microwave radar body sensing
Radar Body Sensing Function	1. Installation height 3-5 meters. In the open environment, the human sensing distance is 5-7 meters.
Prev	end Next

Waterproof Solar Garden Lamp



Li-ion Battery	3.7V/ 2000mAh
Material	ABS
Lamp Colors	White
LED	48pcs SMD LED
Lumens	960LM
Lighting Time	≥ 5 hours(it is different from the operation modes)
Charging Time	≥ 8 hours
Lighting Mode	lights off during the day, lights automatically turn on at night
Outdoor Solar Lamp Advantage	1. Higher efficiency and lower consumption
Function	Day/Night Sensor
Package List	1 * Outdoor spotlight with solar panel

Solar Rodent Repeller Garden Lamp



Battery	NI-MH 1.2V 300mAh
Charging Time	8h
Working Time	120hr
Buzzer Frequency	400Hz +/- 50Hz
Protection Range	400■
Interval Time	30s
Repelling Animal	Rodent
Water Resistance	IP55
Material	ABS
Solar Panel Size	6.5 * 5cm / 2.6 * 2in (L * W)
Item Size	9.3 * 8 * 38cm / 3.7 * 3.1 * 15in (L * W * H)
Single Repeller Weight	131g / 4.6oz
Package Size	42.5 * 10 * 8.5cm / 16.7 * 3.9 * 3.3in (L * W * H)
Package Weight	328g / 11.6oz