Trony Sundial TSL01

Overall Performance

"High" setting: 140 lumens for 3.4 hours after one day of solar charging

"Medium-high" setting: 85 lumens for 7.8 hours after one day of solar charging
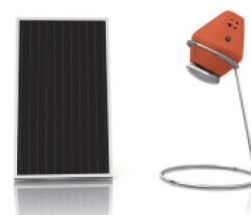
General Information

Manufacturer	Trony Solar Holdings Co., Ltd.
Product Name	Sundial
Model Number	TSL01
Contact	customersupport@trony.com
Website	www.trony.com
Warranty	2 Years

Run Time

Autonomous Run Time (full battery)	3.8 hours on "high" setting 9.2 hours on "medium-high" setting
Lighting hours per solar day (PV only)	3.4 hours on "high" setting 7.8 hours on "medium-high" setting

Lighting System

Lamp type	LED
Light output	140 lumens on "high" setting 85 lumens on "medium-high" setting
Light output at 2000 hours	120 lumens on "high" setting 77 lumens on "medium-high" setting
Light Distribution	Wide

Color Appearance: Warm (more red) — Daylight — Cool (more blue)

Color Rendering: CRI: 66 (50%) (100%)

Charging System

Charge type(s)	PV

Storage System

Storage Type	Rechargeable lithium iron phosphate battery
Nominal Battery Voltage	6.4 volts DC
Battery Capacity	1,400 milliamp hours
Battery Protection	Active HVD and LVD
Easily Replaceable Battery?	No

Additional Information & Special Features

Lamp Housing	Polycarbonate
Mobile Charging (Standard)	Auxiliary power (310 mA at 4.25 VDC, mini-USB connector) with 4 adapters available for various phones
Factory Certifications	ISO9000, ISO14000, IEC, VDE, TUV

Date of Sample Procurement for Testing

April, 2012

Revision 2012.10