

SLT-400



SOLAR LIGHT TOWER – SLT 400

LIGHTING FIXTURE DETAILS

System Voltage	DC24V
Lamp Power	100W (LED)
Lamp Quantity	4
Light Beam Angle	120°
LED Luminous Flux	150 lm/W
Protection Class	IP67

SOLAR PANELS

Module	370W
No. of Panels	3
Dimension (LxWxH)	1988*992*40 mm
Extending Area	5.2m ²

MAST

Maximum Height	7 m
Lifting and Extension	Manual winch system

BATTERY

Capacity	100AH/12V
Quantity	2
Maximum Charging Current	30A

TRAILER

Model	Single axel Tubular frame with support stands and toing eye
Speed	≤25km/h

Dimension (LxWxH)	3197*1150*2480 mm
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Net Weight	792 kg
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FEATURES:

- The structure shall be of rectangular tubes of suitable strength
- The trolley body shall be made using MS Tube and Channel.
- The trolley shall be single axle with two tires size 15" and capacity 2 ton.
- The axle shall be provided with two Multi leaf suspensions.
- The trolley shall be provided with front jack wheelbase (landing gear jack)
- The trolley shall be provided with four heavy duty supporting jack.
- 3mm MS chequered plate shall be provided for platform.
- Manual Winch System shall be part of the unit
- The Trolley shall be fitted with collapsible Mast of 7 m height
- Solar panels, battery charger, inverter, cables and lights are the part of the unit.



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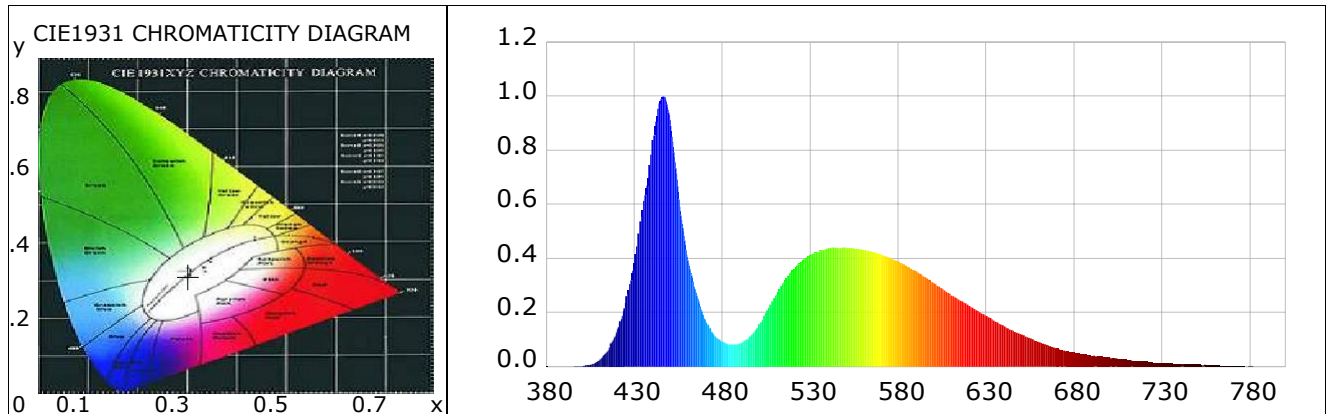
Lightsource Test Report

Product Information

Product Type: F003-100W 7000K Product Spec: SMD
 Product Number: 11

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3027$ $y=0.3109$ $u(u')=0.1977$ $v=0.3045$ $v'=0.4568$
 CCT: $T_c=7326K$ ($duv=-0.00100$) Color Ratio: $R=0.114$ $G=0.847$ $B=0.040$
 Peak Wavelength: 446nm Half Bandwidth: 25.2nm
 Dominant Wavelength: 481.5nm Color Purity: 0.123
 CRI: R_i : $R_a=71.1$
 $R_1=75$ $R_2=69$ $R_3=60$ $R_4=79$ $R_5=76$ $R_6=59$ $R_7=77$ $R_8=73$
 $R_9=0$ $R_{10}=23$ $R_{11}=80$ $R_{12}=36$ $R_{13}=71$ $R_{14}=77$ $R_{15}=74$



Photometric Parameters

Luminous Flux: 9162.6 lm Efficiency: 100.26 lm/W Radiant Power: 30.19

Electric Parameters

Voltage: 220.50V Current: 0.4230A Power: 91.39W
 Power Factor: 0.9790 Frequency: 49.99Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method:
 Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 4 π
 Max of Signal: 53169 (3493) CCD Integration Time: 55.77 ms

Condition: $T_x:32.8^\circ C$, $T_i:31.3^\circ C$
 Test Lab: 工程部
 Operator: 何家镀

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2016-07-01 16:29:46
 Inspector:



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