

Government of India
Ministry of Communications and Information Technology
Department of Information Technology, Standardisation Testing & Quality Certification Directorate
ELECTRONICS REGIONAL TEST LABORATORY (EAST)

TEST REPORT ON SOLAR (LED) HOME LIGHT

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1.0 SCOPE

1.1 Service Request No. : TE/0049/06-11

1.2 Test Report No. : ERTL(E)/TES/S569/0064/06-11
Date : 30/08/20111.3 Requested by : **SPARKTRON SYSTEMS**
(Name & Address : S.NO.10/13/3,SHAHU COLONY
of the organisation) : LANE NO. 8
PUNE 411 052
MAHARASTRA1.4 Description , Identification of the item to be tested
Item : SOLAR (LED) HOME LIGHT
Make : SPARKTRON SYSTEMS
Model : I
SI.No. : NIL
Qty. : 1

1.4.1 Applicable Spec.of the item(s) tested:

MODEL I

1.4.2 Characterisation and condition of the item
Characterisation : Not applicable /
Condition : Satisfactory /

1.5 Date of item receipt of item : 15/06/2011

1.6 Date of completion of testing : 29/08/2011

1.7 Location where testing performed : In house

1.8 Ambient condition during measurement : 25 +/- 1.5°C
70% RH. Max.

1.9 Spec. used for testing : AS PER MNRE SPECIFICATION

1.9.1 Details of non-standard method followed (if any) : NIL



Certificate No. : T0002

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3.0 Major Equipment used

EQPT_NO	NAME	MAKE	MODEL	CAL. VALID UPTO
1170	OPTICAL SPECTRUM ANALYZER	ANDO ELECTRIC CO	AQ-6315A	19/07/2012
1212	DIGITAL POWER METER	YOKOGAWA	WT210/760401	18/08/2012
1282	SYSTEM PHOTOMETER WITH PHOT	LMT	S1000/SP 30 SOT	09/03/2012
1333	AUTOMATIC BATTERY TESTER	BITRODE CORPORAT	LCNI-200-12/5-1	01/04/2012
1341	TRUE RMS DMM WITH SOFTWARE	RISHABH	RISHMULTI 18S	18/02/2012
1451	LIGHT METER	LUTRON	LX101A	17/02/2012
1482	SUN SIMULATOR	PASAN	3C	23/11/2011

4.0 Remarks (if any)

The LED based solar lantern conform to the MNRE draft specification "White LED based solar lantern systems" - October 2008 with 12V System.

As per declaration submitted by M/s. Sparkton Systems in MNRE format (Annexure-14, they are OEM manufacturer of electronics.

RELEASED BY
 (signature & date)

BASAK
 Additional Director
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 of Comm. & IT, I
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 Kolkata - 700 041