

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

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**TEST REPORT**

Sheet 1 of 17

NAME & ADDRESS OF CUSTOMER M/s. SPARKTRON SYSTEMS Vatturkar House, S. No. 10/13/3, Shahu Colony, Lane No.8, Karvenagar, Pune - 411 052	REPORT NO. : T.02/11/389-1 DATE : 14.11.2011	
	CUSTOMER REF. NO. : Letter dtd.03.11.2011 & e-mail dtd.04.11.2011	
	DATE OF SAMPLE RECEIPT 05.11.2011	DATE OF TESTING 10.11.2011 to 11.11.2011
	SAMPLE DESCRIPTION LED based Road and street light luminaire 'SPARKTRON SYSTEMS' make, Model No.: - SSL-45, Sr. No.: - SS11G07 Following Specification was declared by customer : Input Voltage: 230V AC	
SAMPLE IDENTIFICATION ERDA Sample Code No.: TDCLMPWO0097457/1		
TEST DETAILS 1. Photometry test	TEST SPECIFICATION As per customer's requirement, Test procedure followed as per clause no.13.8 of IS : 10322 (Part-5 / Sec-3) - 1987	
Enclosure : Photograph No.: 97457/1 Test results : As per attached sheets.		
 PREPARED BY	 CHECKED BY	 APPROVED BY

Note : 1.This report relates only to the particular sample received for testing in good condition at ERDA.
 2.This report cannot be reproduced in part under any circumstances.
 3.Publication of this report requires prior permission in writing from Director, ERDA.
 4.Only the test asked for by the customer have been carried out.

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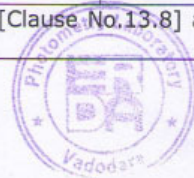
Sr. No.	Particulars of test and clause no.	Requirement as per specification.	Obtained value	Remarks
1.	Photometry test [As per customer's requirement, Test procedure followed as per clause No.13.8 of IS:10322-Part 5-sec-3]	The photometric tests shall be carried out to check following photometric requirements. a) Average luminaire output in lumen: i. Downward lumen ii. Upward lumen iii. Downward light output ratio : iv. Upward light output ratio : b) Light distribution in the longitudinal roadway vertical plane (C=0° and C=180°). c) Light distribution in the transverse vertical plane on road side (C=90°) and on kerb side (C=270°). d) Light distribution in the plane containing the maximum intensity the principal vertical plane (C=60°). e) Data of Light intensity distribution in cd. [As per customer's requirement]	Test Distance : 16.9 m Test voltage: 230V AC Total power consumption:60.47W Ambient Temperature: (25±2)°C 3519 lm 3466 lm 53 lm 98.5 % 1.5 % As per sheet 3 of 17 As per sheet 4 of 17 As per sheet 5 of 17 As per sheet 6 of 17 to 17 of 17.	-----

Note: No remarks regarding conformity was given for photometry test [Clause.No.13.8] as no tolerances for the parameters were declared by customer.

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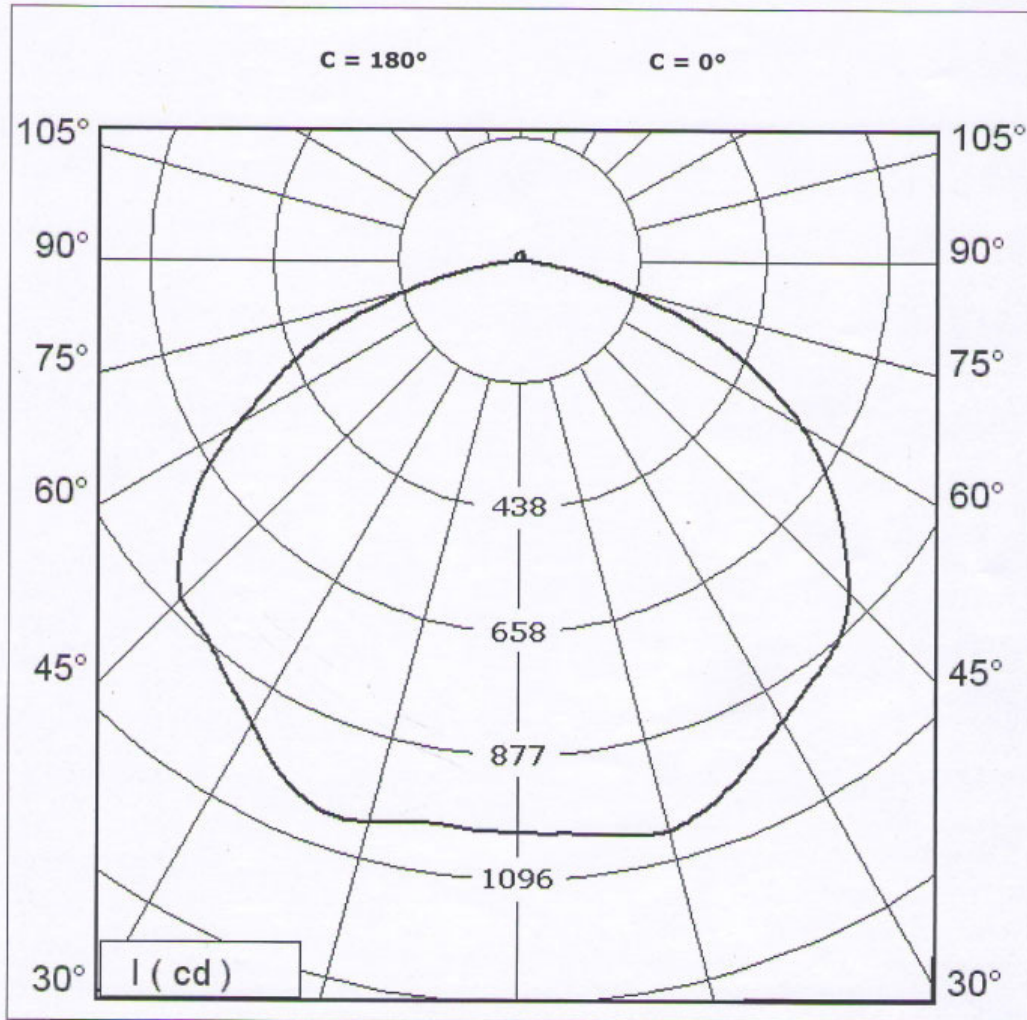
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