



केन्द्रीय इलेक्ट्रॉनिकी केंद्र  
**CENTRAL ELECTRONICS CENTRE**  
भारतीय प्रौद्योगिकी संस्थान मद्रास  
**INDIAN INSTITUTE OF TECHNOLOGY MADRAS**  
चेन्नै / Chennai 600 036

Issue No: 02, Version No: 01  
Issue Date: 16-02-2012

MSP-TST-FOR-004

REPORT NO:081015-CON-TST DATE: 20-10-2015	<b>TEST REPORT</b>	PAGE NO:1 OF 4
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- 1.1 Test Registration No. : 081015-CON-TST
- 1.2 Test Venue : Testing Laboratory, CEC, IIT Madras.
- 1.3 Name & Address of the Customer : K-Lite Industries  
D-10, Ambattur Industrial Estate,  
Chennai-600 058
- 1.4 Description of the equipment under test : LED Light  
Model: Pelicon fort
- 1.5 Condition on receipt : Good
- 1.6 No. of Test samples : One
- 1.7 Sampling Plan (Wherever applicable) : Not Applicable
- 1.8 Date of receiving the equipment : 20-10-2015
- 1.9 Date of testing : 20-10-2015
- 1.10 Customer's Requirements : Performance Evaluation
- 1.11 Test Method / Standard Used : LM79
- 1.12 Deviations if any : ---
- 2.0 Test Instruments used : Spectral Light measurement System CDS2100  
With Integrating sphere, Make :Labsphere.

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REPORT NO:081015-CON-TST DATE: 20-10-2015	TEST RESULTS	PAGE NO.: 2 OF 4
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Laboratory ambient condition: Temperature:  $25 \pm 2.5$  °C

Relative Humidity: 35% - 65%

S.No	Description	Observation
1	Luminous Flux (lumens)	10180
2	Correlated Color Temperature (deg. K)	4787
3	Color Rendering Index Average (RA)	76.74
4	Chromaticity x coord	0.3508
5	Chromaticity y coord	0.353
6	Luminous Efficacy (lm/W)	85.83
7	Power Consumption (W)	118.6
8	Test Voltage (V)	230.05
9	Measured Current (mA)	529.2
10	Measured Power Factor	0.975

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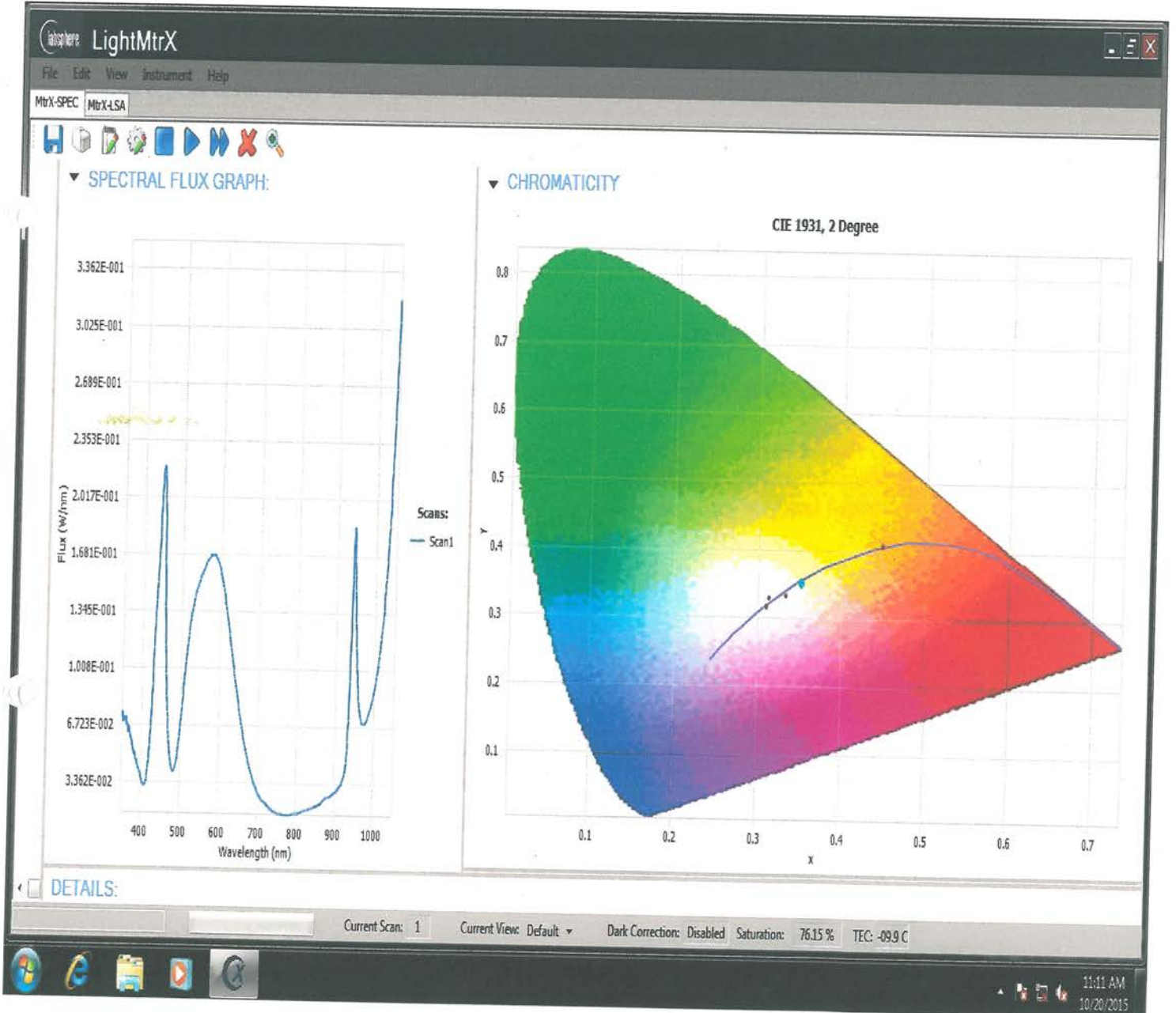
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REPORT NO:081015-CON-TST DATE: 20-10-2015	TEST RESULT	PAGE NO.: 3 OF 4
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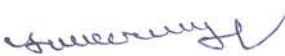
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REPORT NO:081015-CON-TST DATE: 20-10-2015	<b>TERMS &amp; CONDITIONS</b>	PAGE NO.: 4 OF 4
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- This report refers only to the particular item actually submitted for testing.
- Results reported are valid at the time of and under the stated conditions of testing.
- CEC, IIT, Madras shall not be liable for any change in data.
- The report is not to be used for any legal purposes and shall not be produced in a court of law.
- This report shall not be reproduced except in full, without the written approval from the IIT, Madras.
- In case of any disputes, the decision of the IIT, Madras shall be final and binding.
- If any anomaly is found in the test report, it shall be brought to the notice of the Head, CEC, within 45 days from the date of the report so as to review and amend the report, wherever necessary and send the amendments to the client, after the receipt of the corresponding original report.



  
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