



VARDHAMANA  
TESTING LABORATORY

# Vardhamana Testing Laboratory

(LABORATORY IN ELECTRICAL, ELECTRONICS & PHOTOMETRY TESTING)

Plot No.-403, Udyog Kendra-II, Ecotech-III, Greater Noida-201306 (U.P.)

Tel. : 0120-6811256

E-mail: info@vardhamanatestlab.com , Web.: www.vardhamanatestlab.com



## TEST REPORT

			Format No. : VTL/FR/19
Discipline:	Electrical	Group:	Environmental
<b>Location of testing performance of the Laboratory &amp; its Address:</b>		Vardhamana Testing Laboratory Plot No 403, Udyog Kendra Extn -II Ecotech -3, Greater Noida	
<b>Test Specification:</b>		As per IEC 60529,	
Report No. :	VTL/TR/2023/05/020	Issue Date :	12/05/2023
ULR No. :	TC112402300000311F	Page No. :	01 of 04
<b>Name of Manufacturer :</b>		DREAMS ELECTRONICS , 256, Udyog Kendra Ext.1 , Ecotech 3rd, Greater Noida , Gautam buddha Nagar , UP, 201306	
<b>Name &amp; Address of Applicants :</b>		DREAMS ELECTRONICS , 256, Udyog Kendra Ext.1 , Ecotech 3rd, Greater Noida , Gautam buddha Nagar , UP, 201306	

### PART A. PARTICULARS OF SAMPLE SUBMITTED BY CUSTOMER

a )Sample Name:	120W Street Light
b) Sample Description (Rating/ Class/Type etc.)	Reted Voltage: 120-270VAC ,Reted Frequency (Hz): 50Hz, Rated wattage : 120W, PF: $\geq 0.95$ , CCT: 6500K
c) Model Number:	SSK.SLG.CF-120WATT
d) Brand Name:	Dream Electronics
e) Quantity of Sample:	01
f)Date of Receipt of Sample:	10/05/2023
g) Date of performance of testing:	11/05/2023 to 12/05/2023
h) Decision Rule Applicable :	NA
i) Condition of sample received :	Good
j)Environmental Conditions :	25°C/60% RH
k) Code No. / Sr. No. / Batch No. / Date of Manufacturer/ Seal & IO's sign , if any	-
l) Any Other Information , If Any:	Nil



SCAN QR CODE TO  
VERIFY REPORT

### PART B: SUPPLEMENTARY INFORMATIONS

a)Reference to sampling procedure , wherever applicable	N/A
b) Supporting documents for the measurements taken and results derived like graphs, tables, sketches and /or photographs , as appropriate to test report , if any (To be attached ):	Attachment 1
c) Deviation from the test methods as prescribed in relevant ISS/ work instructions,	N/A



Tested By:	Approved By (Authorized Signatory):	Issued By:
Bhuwan Verma (Testing Engineer)	R.K. Srivastava (Technical Manager)	Pooja Jain (Lab Head)



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Sr. No.	Test Conducted	Requirements As per Standard/Specification	Observations
1.	Degree of Protection Provided By Enclosure IP 66 , (Protocol followed: ( IEC 60529)	<p><b>Test Condition for IP6X ( Cl. No. 13.4 )</b></p> <p>TESTING DUST : 50µm dry talcum powder DENSITY OF DUST : 2kg/m<sup>3</sup> TEMPERATURE : 23±5°C HUMIDITY : 25%-75% RH DUST BLOWING TIME : 8 hours</p> <p><b>Test Condition for IPX6 ( Cl. No.14.2.6)</b></p> <p>Internal Diameter Of The Nozzle : 12.5 mm Delivery Rate : 100 l/min ± 5 % Water Pressure : To be Adjusted to Achieve The Specified Delivery Rate Minimum Test Duration : 3 min Distance From Nozzle To Enclosure Surface : 3 m</p> <p><b>For First Characteristic Numeral 6</b> The protection is satisfactory if no deposit of dust is observed inside the Enclosure at the end of the test.</p> <p><b>For Second Characteristic Numeral 6</b> Acceptance conditions for IPX6. In general, Water projected from jets (12.5 mm nozzle) against the Enclosure from any direction shall have no harmful effects.</p>	In Compliance (No deposit of dust inside the Enclosure ) Light was functioning ok

Tested By:	Approved By (Authorized Signatory):	Issued By:
Bhuwan Verma	R.K Srivastava	Pooja Jain

Bhuwan Verma (Testing Engineer)

R.K Srivastava (Technical Manager)

Pooja Jain (Lab Head)



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### Attachment 1:

Sample Photo :

Front Side



Back Side



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### General Remarks (If any):

1. This Report refers to the particular item submitted for testing.
2. This Report shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from the Authorised Signatory of VARDHAMANA TESTING LABORATORY GREATER NOIDA
3. The results reported in the report are valid at the time of and under the stated conditions of measurement.
4. Reporting Statement of Conformity VTL shall apply decision as inherent in the requested test specification. If, Decision rule is not specified in the test specification then Lab will follow ILAC G8 (Guideline of decision rule of Conformity).
- 5.

**END OF REPORT**



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Bhuwan Verma (Testing Engineer)	R.K. Srivastava (Technical Manager)	Pooja Jain (Lab Head)