



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.)

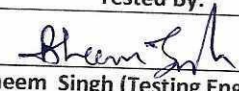
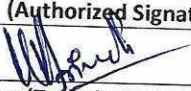


TC-11240

TEST REPORT

Discipline:	Electrical	Group:	Format No. : VTL/FR/19
Location of testing performance of the Laboratory & its Address:		Environmental	
Test Method / Procedure :		Vardhamana Testing Laboratory Plot No 403, Udyog Kendra Extn -II Ecotech -3, Greater Noida-201306 (U.P.)	
Report No. :	VTL/TR/2024/10/128	Issue Date:	28/10/2024
ULR No. :	TC1124024000002027F	Page No. :	1 of 4
Name & Address of Manufacturer:		M/s InnovateNX PVT.LTD. 03, Sukh Samriddhi Parisar, Shivaji Nagar Moti Bunglow, Dewas, Madhya Pradesh 455001	
Name & Address of Applicants:		M/s InnovateNX PVT.LTD. 03, Sukh Samriddhi Parisar, Shivaji Nagar Moti Bunglow, Dewas, Madhya Pradesh 455001	
PART A. PARTICULARS OF SAMPLE SUBMITTED BY CUSTOMER			
a) Sample Name:	LED FLOOD Light		
b) Sample Description (Rating/ Class/Type etc.)	Input : 120-280 VAC, 50Hz , 200W,		
c) Model Number:	INX-FCOM-200W		
d) Brand Name:			
e) Quantity of Sample:	01		
f) Date of Receipt of Sample:	24-10-2024		
g) Date of performance of testing:	24/10/2024 to 28/10/2024		
h) Condition of sample received :	Good		
i) Environmental Conditions of Laboratory :	23±5°C/ 54% RH		
j) Code No. / Sr. No. / Batch No. / Date of Manufacturer/ Seal & IO's sign , if any	-		
k) Any Other Information , If Any:	Nil		
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):	See attachment No.1		
c) Deviation from the test methods as prescribed in relevant ISS/ work instructions,			



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





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DISCIPLINE: Electrical

Page 2 of 4

Issue Date: 28/10/2024

GROUP: Environmental

Tests Conducted:

Sr. No.	Test Conducted	Requirements As per Standard/Specification	Observations/Result	Verdict
	Ingress protection test on sample IP 67, (Protocol followed: IS/IEC 60529: 2001)	Test Condition for IP6X (Cl. No. 13.4 & 13.6)		
		TESTING DUST : 50µm dry talcum powder		
		DENSITY OF DUST : 2kg/m ³		
		TEMPERATURE : 23±5°C		
		HUMIDITY : 25%-75%RH		
		DUST BLOWING TIME : 8 hours		
		Test Condition for IPX7 (Cl. No. 14.2.7)		
		Test Procedure : Immersing the enclosure In water.		
		Level of enclosure : 0.15 m above top & 1m above bottom in water tank		
		Duration of test of Enclosure in water : 30 minutes		
		For First Characteristic Numeral 6 The protection is satisfactory if no deposit of dust is observed inside the sample at the end of the test.	In Compliance (No deposit of dust inside the Sample)	Pass
		For Second Characteristic Numeral 7 Acceptance conditions for IPX7. In general, Completely Immersing the sample in Water in its service position for 30 min.	In Compliance (No ingress of water inside the Sample).	Pass
		Dielectric strength test after IPX7 Test(Cl. No.14.3) Applied voltage 1480Vac for 1 minute.	Withstood the test	Pass



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Page 3 of 4

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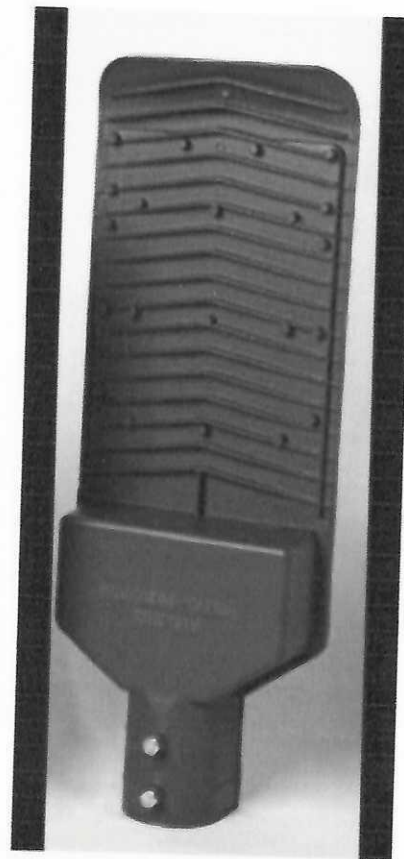
GROUP: Environmental

Sample Photo:

Attachment No.1:

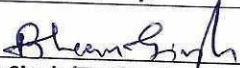
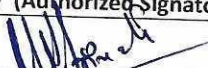


Front View



Rear View



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Page 4 of 4

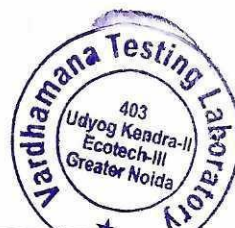
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General Remarks :

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. VTL is not giving any decision rule. Only statement of conformity is given as per standard if applicable and required by customer.

END OF REPORT



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