National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : K-LITE LAB, G8, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11477 **Page No** 1 of 3

Validity 21/03/2023 to 20/03/2025 **Last Amended on** 11/05/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Clearances Distance	IS 10322 (Part 5, Sec 5) (Clause 8)
2	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Creepage Distances	IS 10322 (Part 5, Sec 5) (Clause 8)
3	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Impact Test	IEC 60068-2-75 (Clause 5 & 7)
4	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Insulation Resistance and Electric Strength	IS 10322 (Part 5, Sec 5) (Clause 15)
5	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Marking	IS 10322 (Part 5, Sec 5) (Clause 6)
6	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Protection Against Electric Shock	IS 10322 (Part 5, Sec 5) (Clause 12)
7	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Provision for Earthing	IS 10322 (Part 5, Sec 5) (Clause 9)
8	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Resistance to Dust, Solid Objects and Moisture	IS 10322 (Part 5, Sec 5) (Clause 14)
9	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Flood Lights	Resistance to Heat, Fire and Tracking	IS 10322 (Part 5, Sec 5) (Clause 16)
10	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Clearances Distance	IS 10322 (Part 5, Sec 1) (Clause 8)
11	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Creepage Distances	IS 10322 (Part 5, Sec 1) (Clause 8)
12	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Impact Test	IEC 60068-2-75 (Clause 5 & 7)
13	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Insulation Resistance and Electric Strength	IS 10322 (Part 5, Sec 1) (Clause 15)

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14	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Marking	IS 10322 (Part 5, Sec 1) (Clause 6)
15	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Protection against Electric Shock	IS 10322 (Part 5, Sec 1) (Clause 12)
16	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Provision for Earthing	IS 10322 (Part 5, Sec 1) (Clause 9)
17	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Resistance to Dust, Solid Objects and Moisture	IS 10322 (Part 5, Sec 1) (Clause 14)
18	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED General Purpose Luminaires	Resistance to Heat, Fire and Tracking	IS 10322 (Part 5, Sec 1) (Clause 16)
19	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed luminaires	Clearances Distances	IS 10322 (Part 5, Sec 2) (Clause 8)
20	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Creepage Distances	IS 10322 (Part 5, Sec 2) (Clause 8)
21	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Impact Test	IEC 60068-2-75 (Clause 5 & 7)
22	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Insulation Resistance and Electric Strength	IS 10322 (Part 5, Sec 2) (Clause 15)
23	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Marking	IS 10322 (Part 5, Sec 2) (Clause 6)
24	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Protection against Electric Shock	IS 10322 (Part 5, Sec 2) (Clause 12)
25	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Provision for Earthing	IS 10322 (Part 5, Sec 2) (Clause 9)
26	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Resistance to Dust, Solid Objects and Moisture	IS 10322 (Part 5, Sec 2) (Clause 14)
27	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Recessed Luminaires	Resistance to Heat, Fire and Tracking	IS 10322 (Part 5, Sec 2) (Clause 16)

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28	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Clearances Distances	IS 10322 (Part 5, Sec 3) (Clause 8)
29	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Creepage Distances	IS 10322 (Part 5, Sec 3) (Clause 8)
30	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Impact Test	IEC 60068-2-75 (Clause 5 & 7)
31	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Insulation Resistance and Electric Strength	IS 10322 (Part 5, Sec 3) (Clause 15)
32	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Marking	IS 10322 (Part 5, Sec 3) (Clause 6)
33	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Protection against Electric Shock	IS 10322 (Part 5, Sec 3) (Clause 12)
34	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Provision for Earthing	IS 10322 (Part 5, Sec 3) (Clause 9)
35	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Resistance to Dust, Solid Objects and Moisture	IS 10322 (Part 5, Sec 3) (Clause 14)
36	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires for Road and Street Lighting	Resistance to Heat, Fire and Tracking	IS 10322 (Part 5, Sec 3) (Clause 16)
37	PHOTOMETRY- LUMINARIES	Luminaires	Colour Temperature	IES-LM-79 (Clause 12)
38	PHOTOMETRY- LUMINARIES	Luminaires	Luminous Flux	IES-LM-79 (Clause 9)