National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	APPLETON LAB, EMERSON INNOVATION CENTER-PUNE, (A DIVISION OF EMERSON ELECTRIC CO. INDIA PVT. LIMITED), PLOT NO 23, RAJIV GANDHI INFOTECH PARK, M.I.D.C., PHASE II, HINJAWADI, VILLAGE MAAN, TALUKA MULSHI, PUNE, MAHARASHTRA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7835
Page No	1 of 1
Validity	11/09/2021 to 10/09/2023
Last Amended on	23/11/2021

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- EMI / EMC TEST FACILITY	Solid State Lighting (LED)Products	Harmonic Current Measurement and Limits	IEC 61000-3-2, Ed. 5.1
2	ELECTRICAL- EMI / EMC TEST FACILITY	Solid State Lighting (LED)Products	Harmonic Current Measurement and Limits	EC 61000-3-2, Ed. 5.1
3	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Color Characteristics-CRI	IES LM-79 Cl.9.0
4	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Luminous Flux Measurement	IES LM-79 Cl.7.0
5	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Luminous Intensity Distribution	IES LM-79 Cl. 8.0
6	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Normal Temperature test (In-Situ Temperature Measurement Test)	ANSI/UL 1598 Clause. 15.0 (for test apparatus specified at 19.7, 19.10, 19.11)
7	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Color Characteristics -CCT	IES LM-79 Cl.9.0
8	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Color Characteristics-Co-ordinates	IES LM-79 Cl.9.0
9	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Electrical Measurement (Input Power)	IES LM-79 Cl.6.0
10	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Electrical Measurement (Input Voltage)	IES LM-79 Cl. 6.0
11	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Electrical Measurement (Power Factor)	IES LM-79 Cl.6.0
12	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED)Products	Color Rendition	ANSI/IES TM-30, Full Report (per Annex D, Figure D- 3)
13	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED)Products	Electrical Measurement (Input Current)	IES LM-79 Cl.6.0