National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ORIENT ELECTRICAL TESTING LABORATORY, D-209, SECTOR-63, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11476 **Page No** 1 of 2

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

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	Self Ballasted LED Lamps for General Lighting Services	Cap Temperature Rise	IS 16102 (Part 1)
2	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Insulation Resistance and Electric Strength after Humidity Treatment (Current)	IS 16102 (Part 1)
3	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Insulation Resistance and Electric Strength after Humidity Treatment (Resistance)	IS 16102 (Part 1)
4	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Insulation Resistance and Electric Strength after Humidity Treatment (Voltage)	IS 16102 (Part 1)
5	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Interchangeability	IS 16102 (Part 1)
6	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Marking	IS 16102 (Part 1)
7	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Marking	IS 16102 (Part 2)
8	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Power Factor	IS 16102 (Part 2)
9	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Protection against Accidental Contact with Live Parts	IS 16102 (Part 1)
10	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Resistance to Flame and Ignition	IS 16102 (Part 1)
11	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Resistance to Heat	IS 16102 (Part 1)
12	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Dimensions	IS 16102 (Part 2)
13	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamps for General Lighting Services	Insulation Resistance and Electric Strength after Humidity Treatment (% RH)	IS 16102 (Part 1)

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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
14	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Colour Nomenclature, Variation and Rendering (Index)	IS 16102 (Part 2)
15	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Colour Nomenclature, Variation and Rendering (Temperature)	IS 16102 (Part 2)
16	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Colour Nomenclature, Variation and Rendering Coordinates X	IS 16102 (Part 2)
17	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Efficacy	IS 16102 (Part 2)
18	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Lamp Power	IS 16102 (Part 2)
19	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Luminous Flux	IS 16102 (Part 2)
20	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Colour Nomenclature, Variation and Rendering Coordinates Y	IS 16102 (Part 2)