National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY (GRE ELECTRONICS PRIVATE LIMITED), PLOT NO. 423, G.I.D.C.-II, DEDIYASAN, MEHSANA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11264 **Page No** 1 of 2

Validity 06/01/2023 to 05/01/2025 **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	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Color Nomenclature Variation and Rendering	IS 16102 (Part 2/Clause 10)
2	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Harmonics	IS 16102 (Part 2/Clause 8.3)
3	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Lamp Input - Input Power	IS 16102 (Part 2/Clause 8.1)
4	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Lamp Input - Power Factor	IS 16102 (Part 2/Clause 8.2)
5	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Luminous Efficacy	IS 16102 (Part 2/Clause 9.3)
6	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamps for General Lighting Services	Total Luminous Flux	IS 16102 (Part 2/Clause 9.1)
7	PHOTOMETRY-LUMINARIES	LED Luminaire	Chromaticity Coordinates (X)	IS 16107 (Part 2/Section 1/Clause 9.1)
8	PHOTOMETRY-LUMINARIES	LED Luminaire	Chromaticity Coordinates (Y)	IS 16107 (Part 2/Section 1/Clause 9.1)
9	PHOTOMETRY-LUMINARIES	LED Luminaire	Color Rendering Index	IS 16107 (Part 2/Section 1/Clause 9.3)
10	PHOTOMETRY-LUMINARIES	LED Luminaire	Correlated Color Temperature	IS 16107 (Part 2/Section 1/Clause 9.2)
11	PHOTOMETRY-LUMINARIES	LED Luminaire	Luminous Efficacy	IS 16107 (Part 2/Section 1/Clause 8.3)
12	PHOTOMETRY-LUMINARIES	LED Luminaire	Total Input Power	IS 16107 (Part 2/Section 1/Clause 7)
13	PHOTOMETRY-LUMINARIES	LED Luminaire	Total Luminous Flux	IS 16107 (Part 2/Section 1/Clause 8.1)
14	PHOTOMETRY-LUMINARIES	LED Street Lighting Luminaire	Total Input Power	IS 16107 (Part 2/Section 2/Clause 7)
15	PHOTOMETRY-LUMINARIES	LED Street Lighting Luminaire	Total Luminous Flux	IS 16107 (Part 2/Section 2/Clause 8.1)
16	PHOTOMETRY-LUMINARIES	Solid State Lighting Products	Color Characteristics	IS 16106 (Clause 14)

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17	PHOTOMETRY-LUMINARIES	Solid State Lighting Products	Luminous Efficacy	IS 16106 (Clause 13)
18	PHOTOMETRY-LUMINARIES	Solid State Lighting Products	Total Luminous Flux Measurements	IS 16106 (Clause 11.1)