National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SURYA TECHNOLOGY & INNOVATION CENTRE, SURYA ROSHNI LIMITED, D-63, HOSIERY COMPLEX, PHASE-II, GAUTAM BUDDHA NAGAR, NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/08/2022 to 25/08/2024 **Last Amended on** 05/11/2022

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	Electrical Lighting and Similar Equipment	Conducted Disturbances	IS 6873-5
2	ELECTRICAL- EMI / EMC TEST FACILITY	Lighting Product	Surge Testing	IS 14700-4-5
3	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood light	Humidity Test	10322-5-5, Cl. No. 14
4	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood light	Leakage Current	10322-5-5, Cl. no. 15
5	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Insulation Resistance And Electric Strength	IS 10322-5-5, Cl No. 15
6	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	luminous intensity distribution	IS 10322-5-5, Cl. No. 17
7	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Marking	IS 10322-5-5, Cl. No. 6
8	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Provision For Earthing	IS 10322-5-5, Cl. No. 9
9	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Thermal Tests	IS 10322-5-5, Cl. No. 13
10	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaires	Provision For Earthing	IS 10322-5-1, Cl No. 9
11	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General purpose luminaries	Humidity Test	10322-5-1, Cl. no. 14
12	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaries	Insulation Resistance And Electric Strength	IS 10322-5-1, Cl. No. 15
13	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General purpose luminaries	Leakage Current	10322-5-1, Cl. no. 15
14	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaries	luminous intensity distribution	IS 10322-5-1, Cl. No. 17

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15	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaries	Marking	IS 10322-5-1, Cl No. 6
16	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaries	Thermal Test	IS 10322-5-1, Cl. no. 13
17	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Humidity Test	10322-5-2, Cl. No. 14
18	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaries	Insulation Resistance And Electric Strength	IS 10322-5-2, Cl. No. 15
19	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Leakage Current	10322-5-2, Cl. no. 15
20	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaries	Marking	IS 10322-5-2, Cl. No. 6
21	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaries	Photometric Test	IS 10322-5-2, Cl. No. 17
22	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaries	Provision For Earthing	IS 10322-5-2, Cl. No. 9
23	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaries	Thermal Test	IS 10322-5-2, Cl. No. 13
24	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Street light luminaries	Humidity Test	10322-5-3, Cl. No. 14
25	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Street Light Luminaries	Insulation Resistance And Electric Strength	IS 10322-5-3, Cl. No. 15
26	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Leakage Current	10322-5-3, Cl. no. 15
27	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Street Light Luminaries	luminous intensity distribution	IS 10322-5-3, Cl. No. 17
28	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Street Light Luminaries	Marking	IS 10322-5-3, cl. No. 6

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29	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Street Light Luminaries	Provision For Earthing	IS 10322-5-3, Cl. No. 9
30	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Street Light Luminaries	Thermal Tests	IS 10322-5-3, Cl. No. 13
31	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED & filament lamp	Luminous Flux	EN 13032 (Part 1)
32	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self- Ballasted LED Lamps for General Lighting	Luminous Intensity Distribution	IS 16102 (Part2)
33	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self- Ballasted LED Lamps for General Lighting	Luminous Efficacy	IS 16102 (Part 2)
34	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-Ballasted LED Lamps for General Lighting	Chromaticity Coordinates (x, y)	IS 16102 (Part 2)
35	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-Ballasted LED Lamps for General Lighting	Color Rendering Index (CRI)	IS 16102 (Part 2)
36	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-Ballasted LED Lamps for General Lighting	Corelated Color Temperature (CCT)	IS 16102 (Part 2)
37	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-Ballasted LED Lamps for General Lighting	Luminous Flux	IS 16102 (Part 2)
38	PHOTOMETRY- LUMINARIES	Flood Light	Luminous Intensity Distribution	IS 13383 (Part 3)
39	PHOTOMETRY- LUMINARIES	Interior Lighting.	Luminous Intensity Distribution	IS 13383 (Part 1)
40	PHOTOMETRY- LUMINARIES	LED Luminaires	Chromaticity Coordinates (x, y)	IS 16107 (Part 2/Sec 1)
41	PHOTOMETRY- LUMINARIES	LED Luminaires	Color Rendering Index (CRI)	IS 16107 (Part 2/Sec 1)
42	PHOTOMETRY- LUMINARIES	LED Luminaires	Corelated Color Temperature (CCT)	IS 16107 (Part 2/Sec 1)
43	PHOTOMETRY- LUMINARIES	LED Luminaires	Luminous Efficacy	IS 16107 (Part 2/ Sec 1)

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44	PHOTOMETRY-LUMINARIES	LED Luminaires	Luminous Flux	IS 16107 (Part 2/ Sec 1)
45	PHOTOMETRY-LUMINARIES	LED Luminaries	Luminous Intensity Distribution	IS 16107 (Part 2/ Sec 1)
46	PHOTOMETRY-LUMINARIES	LED Modules for General Lighting	Chromaticity Coordinates (x, y)	IS 16103 (Part 2)
47	PHOTOMETRY-LUMINARIES	LED Modules for General Lighting	Color Rendering Index (CRI)	IS 16103 (Part 2)
48	PHOTOMETRY-LUMINARIES	LED Modules for General Lighting	Corelated Color Temperature (CCT)	IS 16103 (Part 2)
49	PHOTOMETRY-LUMINARIES	LED Modules for General Lighting	Luminous Efficacy	IS 16103 (Part 2)
50	PHOTOMETRY-LUMINARIES	LED Modules for General Lighting	Luminous Flux	IS 16103 (Part 2)
51	PHOTOMETRY-LUMINARIES	LED Modules for General Lighting	Luminous Intensity Distribution	IS 16103 (Part 2)
52	PHOTOMETRY-LUMINARIES	Luminaires (Conventional)	Luminous Flux	EN 13032
53	PHOTOMETRY-LUMINARIES	Road and Sreet Lighting	Luminous Intensity Distribution	IS 13383 (Part 2)
54	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Product	Chromaticity Coordinates (x, y)	IES LM 79-08
55	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Product	Color Rendering Index (CRI)	IES LM 79-08
56	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Product	Corelated Color Temperature (CCT)	IES LM 79-08
57	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Product	Luminous Efficacy	IES LM 79-08
58	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Product	Luminous Efficacy	IS 16106
59	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Product	Luminous Flux	IES LM 79-08
60	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Product	Luminous Intensity Distribution	IES LM 79-08
61	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Chromaticity Coordinates (x, y)	IS 16106
62	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Color Rendering Index (CRI)	IS 16106

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63	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Corelated Color Temperature (CCT)	IS 16106
64	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Luminous Flux	IS 16106
65	PHOTOMETRY-LUMINARIES	Solid State Lighting (LED) Products	Luminous Intensity Distribution	IS 16106