



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

FOCUS TESTING LABORATORY, FOCUS LIGHTING AND FIXTURES LTD., SURVEY NO. 396/ 24,
PLOT NO. 71/ 72, NEW AHMEDABAD INDUSTRIAL ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9102

Page No

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Validity

10/11/2020 to 09/11/2022

Last Amended on

05/02/2021

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- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Creepage Distance and Clearances	CL 8 of IS 10322(Part 5/sec 5)
2	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Electric Strength	CL 15 of IS 10322(Part 5/sec 5):
3	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Endurance and Thermal Tests	CL 13 of IS 10322(Part 5/sec 5)
4	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Insulation Resistance	CL 15 of IS 10322 (Part 5/sec 5)
5	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Marking	CL 6 of IS 10322(Part 5/sec 5)
6	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Protection against Electric Shock	CL 12 of IS 10322(Part 5/sec 5)
7	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Provision For Earthing	CL 9 of IS 10322 (Part 5/sec 5)
8	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Resistance to Dust and Moisture - Humidity Test	Cl 14 IS 10322(Part 5/sec 5)
9	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Resistance to Heat, Fire and Tracking - Ball Pressure Test	CL 16 of IS 10322(Part 5/sec 5)
10	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Resistance to Heat, Fire and Tracking - Glow Wire Test	CL 16 of IS 10322 (Part 5/sec 5)
11	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Clearance and Creepage Distances	CL 1.8 of IEC 60598-2-1
12	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Electric Strength Test	CL 1.15 of IEC 60598-2-1
13	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Endurance Test and Thermal Test	CL 1.13 of IEC 60598-2-1



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14	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Humidity Test	CL 1.14 of IEC 60598-2-1
15	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Insulation Resistance Test	CL 1.15 of IEC 60598-2-1
16	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Protection Against Electric Shock	CL 1.12 of IEC 60598-2-1
17	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Protective Conductor Current (Leakage Current/Touch Current)	CL 1.15 of IEC 60598-2-1
18	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Provision for Earthing	CL 1.9 of IEC 60598-2-1
19	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Resistance to Heat, Fire and Tracking - Ball Pressure Test	CL 1.16 of IEC 60598-2-1
20	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Resistance to Heat, Fire and Tracking - Glow Wire Test	CL 1.16 of IEC 60598-2-1
21	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General Purpose Luminaire	Visual Examination & Marking	CL 1.6 of IEC 60598-2-1
22	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Construction	CL 16 of IS 15885(Part 2/Sec13)
23	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Creepage Distances and Clearances	CL 17 of IS 15885(Part 2/Sec13)
24	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Electric Strength Test	CL 12 of IS 15885(Part 2/Sec 13)
25	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Fault Conditions	CL 14 of IS 15885(Part 2/sec 13)
26	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Humidity Test	CL 11 of IS 15885 (Part 2/Sec 13)
27	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Insulation Resistance	CL 11 of IS 15885 (Part 2/Sec13)



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28	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Marking	CL 7 of IS 15885 (Part 2/Sec 13)
29	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Protection Against Accidental Contact with Live Parts	CL 8 of IS 15885 (Part 2/Sec 13)
30	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Provision for Protective Earthing	CL 10 of IS 15885(Part 2/Sec 13)
31	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Control Gear	Resistance to Flame and Ignition - Glow Wire Test	CL 19 of IS 15885 (Part 2/Sec 13)
32	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Clearance and Creepage Distance	CL 2.8 of IEC 60598-2-2
33	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Electric Strength Test	CL 2.15 of IEC 60598-2-2
34	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Endurance Test and Thermal Test	CL 2.13 of IEC 60598-2-2
35	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Protection Against Electric Shock	CL 2.12 of IEC 60598-2-2
36	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Protective Conductor Current (Leakage Current/Touch Current)	CL 2.15 of IEC 60598-2-2
37	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Provision for Earthing	CL 2.9 of IEC 60598-2-2
38	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Resistance to Heat, Fire and Tracking - Ball Pressure Test	Cl 2.16 of IEC 60598 -2-2
39	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Resistance to Heat, Fire and Tracking - Glow Wire Test	Cl 2.16 of IEC 60598-2-2
40	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaire	Visual Examination & Marking	CL 2.6 of IEC 60598-2-2
41	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Humidity Test	CL 2.14 of IEC 60598-2-2



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42	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Insulation Resistance Test	CL 2.15 of IEC 60598-2-2
43	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Electric Strength Test	CL 15 of IS 10322(Part 5/Sec 3)
44	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Resistance to Dust and Moisture - Humidity Test	CL 14 of IS 10322 (Part 5/Sec 3)
45	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Street Light Luminaires	Resistance to Heat, Fire and Tracking - Glow Wire Test	CL 16 of IS 10322 (art 5/Sec 3)
46	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Creepage Distances and Clearances	CL 8 of IS 10322(Part 5/Sec 3)
47	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Endurance and Thermal Tests	CL 13 of IS 10322 (Part 5/sec 3)
48	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Insulation Resistance	CL 15 of IS 10322 (Part 5/Sec 3)
49	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Marking	CL 6 of IS 10322(Part 5/Sec 3)
50	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Protection Against Electric Shock	CL 12 of IS 10322 (Part 5/Sec 3)
51	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Provision For Earthing	CL 9 of IS 10322(Part 5/Sec 3)
52	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & Streetlight Luminaires	Resistance to Heat, Fire and Tracking - Ball Pressure Test	CL 16 of IS 10322 (art 5/Sec 3)
53	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Creepage Distance and Clearances	CL14 of IS 16102 (Part 1)
54	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Electric Strength Test	CL 8 of IS 16102 (Part 1)
55	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Endurance Test	CL 10 of IS 16102(Part 1)



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56	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Fault Conditions	CL13 of IS 16102(Part 1)
57	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Insulation Resistance (after Humidity Treatment)	CL 8 of IS 16102 (Part 1)
58	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Marking	CL 5 of IS 16102 (Part 1)
59	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Protection Against Accidental Contact with Live Parts	CL 7 of IS 16102(Part 1)
60	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Resistance to Flame and Ignition - Glow Wire Test	CL12 of IS 16102 (Part 1)
61	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted Lamps	Resistance to Heat - Ball Pressure Test	CL11 of IS 16102 (Part 1)
62	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted Lamp	Color Rendering Index	CL 10.2 of IS 16102 (Part 2)
63	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted Lamp	Luminous Efficacy	CL 9.3 of IS:16102 (Part 2)
64	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted Lamp	Luminous Flux	CL 9.1 IS 16102 (Part 2)
65	PHOTOMETRY- LUMINARIES	Luminaire	Color Characteristics - Color Temperature	CL 12 of IES-LM-79
66	PHOTOMETRY- LUMINARIES	Luminaires	Color Rendering Index	CL 12 of IES-LM-79
67	PHOTOMETRY- LUMINARIES	Luminaires	Colour Temperature	CL 14 of IS:16106 (Part 2/Sec 1)
68	PHOTOMETRY- LUMINARIES	Luminaires	Luminous Efficacy	CL 13 of IS:16106 (Part 2/Sec 1)
69	PHOTOMETRY- LUMINARIES	Luminaires	Luminous Efficacy	CL 11 of IES-LM-79
70	PHOTOMETRY- LUMINARIES	Luminaires	Luminous Flux	CL 11 of IS:16106 (Part 2/Sec 1)



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71	PHOTOMETRY-LUMINARIES	Luminaires	Luminous Flux	CL 9 of IES-LM-79
72	PHOTOMETRY-LUMINARIES	Self Ballasted Lamps	Chromaticity Co-ordinates	CL 10 of IS:16102 (Part 2)