National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PHOTOMETRY LABORATORY, CENTURY LED LIMITED, SRIJAN INDUSTRIAL LOGISTIC PARK, BLOCK-A, 1ST FLOOR, W/H 11,12,15,16, NH-6, BOMBAY ROAD, ANKURHATI, DOMJUR, HOWRAH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6955 **Page No** 1 of 6

Validity 05/03/2022 to 04/03/2024 **Last Amended on** 20/04/2022

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	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Beam Angle	IEC 62612
2	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Beam Angle	IS 16102 (Part 2)
3	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Chromaticity coordinates (x & y)	IEC 62612
4	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Chromaticity coordinates (x & y)	IES LM 79
5	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Chromaticity coordinates (x & y)	IS 16102 (Part 2)
6	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Chromaticity coordinates (x & y)	IS 16106
7	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Color Rendering Index	IEC 62612
8	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Color Rendering Index	IES LM 79
9	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Color Rendering Index	IS 16102 (Part 2)
10	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Color Rendering Index	IS 16106
11	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Correlated Color Temperature	IEC 62612
12	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Correlated Color Temperature	IES LM 79
13	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Correlated Color Temperature	IS 16102 (Part 2)

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14	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Correlated Color Temperature	IS 16106
15	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Current	IEC 62612
16	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Current	IES LM 79
17	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Current	IS 16102 (Part 2)
18	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Current	IS 16106
19	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Input Power	IEC 62612
20	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Input Power	IES LM 79
21	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Input Power	IIS 16106
22	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Input Power	IS 16102 (Part 2)
23	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Efficacy	IEC 62612
24	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Efficacy	IES LM 79
25	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Efficacy	IS 16102 (Part 2)
26	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Efficacy	IS 16106
27	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Flux	IEC 62612

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28	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Flux	IES LM 79
29	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Flux	IS 16102 (Part 2)
30	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Flux	IS 16106
31	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Intensity	IEC 62612
32	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Intensity	IES LM 79
33	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Intensity	IS 16102 (Part 2)
34	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Luminous Intensity	IS 16106
35	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Power Factor	IEC 62612
36	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Power Factor	IES LM 79
37	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Power Factor	IS 16102 (Part 2)
38	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Bulb	Power Factor	IS 16106
39	PHOTOMETRY-LUMINARIES	LED Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Beam Angle	IS 16107 (Part 2/Sec 1)
40	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Beam Angle	IEC 62722-2-1
41	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Chromaticity coordinates (x & y)	IEC 62722-2-1

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42	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Chromaticity coordinates (x & y)	IES LM 79
43	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Chromaticity coordinates (x & y)	IS 16106
44	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Chromaticity coordinates (x & y)	IS 16107 (Part 2/Sec 1)
45	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Color Rendering Index	IEC 62722-2-1
46	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Color Rendering Index	IES LM 79
47	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Color Rendering Index	IS 16106
48	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Color Rendering Index	IS 16107 (Part 2/Sec 1)
49	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Correlated Color Temperature	IEC 62722-2-1
50	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Correlated Color Temperature	IES LM 79
51	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Correlated Color Temperature	IS 16106
52	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Correlated Color Temperature	IS 16107 (Part 2/Sec 1)
53	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Current	IEC 62722-2-1
54	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Current	IES LM 79
55	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Current	IS 16106

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56	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Current	IS 16107 (Part 2/Sec 1)
57	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Input Power	IEC 62722-2-1
58	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Input Power	IES LM 79
59	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Input Power	IS 16106
60	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Input Power	IS 16107 (Part 2/Sec 1)
61	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Efficacy	IEC 62722-2-1
62	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Efficacy	IES LM 79
63	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Efficacy	IS 16106
64	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Efficacy	IS 16107 (Part 2/Sec 1)
65	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Flux	IEC 62722-2-1
66	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Flux	IES LM 79
67	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Flux	IS 16106
68	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Flux	IS 16107 (Part 2/Sec 1)
69	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Intensity	IEC 62722-2-1

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70	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Intensity	IES LM 79
71	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Intensity	IS 16106
72	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Luminous Intensity	IS 16107 (Part 2/Sec 1)
73	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Power Factor	IEC 62722-2-1
74	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Power Factor	IES LM 79
75	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Power Factor	IS 16106
76	PHOTOMETRY-LUMINARIES	Luminaires (Fixed general purpose LED Light (Highbay, Surface/Wall mount), Recessed LED Panel light, LED Street light, LED Flood Lights)	Power Factor	IS 16107 (Part 2/Sec 1)