National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AB SQUARE, BAJAJ ELECTRICALS LIMITED, PLOT NO. 27/PT-2, MILLENIUM BUSINESS PARK, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9873 **Page No** 1 of 3

Validity 20/09/2021 to 19/09/2023 **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)	Solid State Lighting (Self-Ballasted LED Lamps)	CCT (K)	IES LM 79 (Clause 12)
2	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	CCT (K)	IS 16106 (Clause 14)
3	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Chromaticity Co-ordinates (x, y or u, v)	IES LM 79 (Clause 12)
4	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Chromaticity Co-ordinates (x, y or u, v)	IS 16106 (Clause 14)
5	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Color Rendering Index (Ra)	IES LM 79 (Clause 12)
6	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Color Rendering Index (Ra)	IS 16106 (Clause 14)
7	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Intensity Distribution	IES LM 79 (Clause 10)
8	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Intensity Distribution	IS 16106 (Clause 12)
9	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Luminous Flux	IES LM 79 (Clause 9)
10	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (Self-Ballasted LED Lamps)	Luminous Flux	IS 16106 (Clause 11)
11	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Current (AC)	IES LM 79 (Clause 5)
12	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Current (AC)	IS 16106 (Clause 3)
13	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Harmonics	IS 16102 (Part 2, Clause 8)

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14	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Luminous Efficacy	IES LM 79 (Clause 11)
15	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Luminous Efficacy	IS 16106 (Clause 13)
16	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Power	IES LM 79 (Clause 11)
17	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Power	IS 16106 (Clause 13)
18	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Power Factor	IES LM 79
19	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Power Factor	IS 16106
20	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Voltage (AC)	IES LM 79 (Clause 5)
21	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Voltage (AC)	IS 16106 (Clause 3)
22	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Voltage (DC)	IES LM 79 (Clause 5)
23	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting Products (Self-Ballasted LED Lamps)	Voltage (DC)	IS 16106 (Clause 3)
24	PHOTOMETRY-LUMINARIES	LED Luminaires	CCT (K)	IES LM 79 (Clause 12)
25	PHOTOMETRY-LUMINARIES	LED Luminaires	CCT (K)	IS 16106 (Clause 14)
26	PHOTOMETRY-LUMINARIES	LED Luminaires	Chromaticity Co-ordinates (x, y or u, v)	IES LM 79 (Clause 12)
27	PHOTOMETRY-LUMINARIES	LED Luminaires	Chromaticity Co-ordinates (x, y or u, v)	IS 16106 (Clause 14)
28	PHOTOMETRY-LUMINARIES	LED Luminaires	Color Rendering Index (Ra)	IES LM 79 (Clause 12)

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29	PHOTOMETRY-LUMINARIES	LED Luminaires	Color Rendering Index (Ra)	IS 16106 (Clause 14)
30	PHOTOMETRY-LUMINARIES	LED Luminaires	Current (AC)	IES LM 79 (Clause 5)
31	PHOTOMETRY-LUMINARIES	LED Luminaires	Current (AC)	IS 16106 (Clause 3)
32	PHOTOMETRY-LUMINARIES	LED Luminaires	Intensity Distribution	IES LM 79 (Clause 10)
33	PHOTOMETRY-LUMINARIES	LED Luminaires	Intensity Distribution	IS 16106 (Clause 12)
34	PHOTOMETRY-LUMINARIES	LED Luminaires	Luminous Efficacy	IES LM 79 (Clause 11)
35	PHOTOMETRY-LUMINARIES	LED Luminaires	Luminous Efficacy	IS 16106 (Clause 13)
36	PHOTOMETRY-LUMINARIES	LED Luminaires	Luminous Flux	IES LM 79 (Clause 9)
37	PHOTOMETRY-LUMINARIES	LED Luminaires	Luminous Flux	IS 16106 (Clause 11)
38	PHOTOMETRY-LUMINARIES	LED Luminaires	Power	IES LM 79 (Clause 11)
39	PHOTOMETRY-LUMINARIES	LED Luminaires	Power	IS 16106 (Clause 13)
40	PHOTOMETRY-LUMINARIES	LED Luminaires	Power Factor	IES LM 79
41	PHOTOMETRY-LUMINARIES	LED Luminaires	Power Factor	IS 16106
42	PHOTOMETRY-LUMINARIES	LED Luminaires	Voltage (AC)	IES LM 79 (Clause 5)
43	PHOTOMETRY-LUMINARIES	LED Luminaires	Voltage (AC)	IS 16106 (Clause 3)
44	PHOTOMETRY-LUMINARIES	LED Luminaires	Voltage (DC)	IES LM 79 (Clause 5)
45	PHOTOMETRY-LUMINARIES	LED Luminaires	Voltage (DC)	IS 16106 (Clause 3)