Surya Technology & Innovation Centre, Surya Roshni Limited, D-63, Hosiery Complex, Phase-II, Noida, Uttar Pradesh Laboratory

Accreditation Standard ISO/IEC 17025: 2005

Discipline Photometry Testing Issue Date 24.05.2014

Certificate Number T-2967 Valid Until 23.05.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
1.	LAMPS, LUMINAI	IRES & ACCESSORIES		
1.	Lamp	Luminous Flux	EN 13032:2004 Part 1 Clause 5.5	$1 \text{ lm to } 1 \text{ x } 10^6 \text{ lm}$
	Tungsten Filament Lamps Tungsten Halogen Lamps		IS 418:2004 Clause 8.2	
			IS 12948:1990 Clause 10.1.4	
			IS 2418 (Part1):1997 Clause 6.2.5	
	Tubular Fluorescent lamps		15 2416 (1 att1).1997 Clause 0.2.3	
	Self Ballasted lamps		IS 15111Part 2:2002 Clause 10.0	
	Single capped fluorescent lamps		IEC 60901 ed.2.2 Clause 1.5.7	
	High Pressure Sodium Vapour lamps		IS 9974 (Part 1):1981 Amend.4:2007 Clause 7.4.2	
	High Pressure Mercury Vapour lamps		IS 9900 (Part 1):1981 Clause 7.4	
	Solid State Lighting (LED) Products		IES LM79-08:2008 Clause 9.3.2 , IS 16106:2012 Clause 11.4.2	

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Luminaires (all types of Conventional indoor and outdoor Luminaires for general lighting application)	-Luminous Intensity distribution -Light output Ratio -Efficacy of Luminiare	IS 13383 (Part I) :1992 Clause 9.5 a, b, c IS 13383 (Part II):1992 Clause 9.6 a, b, c, d IS 13383 (Part III):1992 Clause 7.2, 7.3, 7.4	3x 10 ⁵ cd 0 -100 % 1-300 lm/W
3.	LED Luminaire, LED Package and LED Module	-Luminous Intensity distribution -Luminaire Efficacy	IES LM 79-08: 2008 Clause 9.3.2 IS 16106:2012 Clause 11.4.2	3x 10 ⁵ cd 1- 300 lm/W