Laboratory Accreditation Standard		Hi Physix Laboratory, K-12, Sector-2, DSIDC Industrial Area, Bawana, Delhi ISO/IEC 17025:2005							
Dis	scipline	Optic	al Calibration	Issue Date	23.11.2016				
Ce	ertificate Number	C-06	39	Valid Until	22.11.2018				
La	st Amended on	-			Page	1 of 2			
	Quantity Measured / Instrument	Range/ Frequency		* Calibratio Measureme Capability (:	n Rem nt ±)	Remarks			
I.	OPTICAL								
1.	LUMINOUS FLUX COMPACT FLUORESC LAMP (CFL) ^{\$}	CENT	5 W to 26 W 200 lm to 1600 lm	2.2 %	Using C-Type mirror G with Spectroradiometer Sphere with Standard Colori Meter Interface Standard Light	Jsing C-Type mirror Goniophotometer vith Spectroradiometer and Integrating Sphere with Standard Spectrophoto Colori Meter Interfaced with PC and Standard Light Source			
2.	LUMINOUS FLUX METAL HALIDE LAMI (MHL) ^{\$}	P	70 W to 400 W 4800 lm to 60000 lm	2.4 %	Using C-Type mirror G with Spectroradiometer Sphere with Standard Colori Meter Interface Standard Light	Jsing C-Type mirror Goniophotometer vith Spectroradiometer and Integrating Sphere with Standard Spectrophoto Colori Meter Interfaced with PC and Standard Light Source			
3.	LUMINOUS FLUX HIGH PRESSURE SODIUM VAPOUR LAMP (HPSVL) ^{\$}		70 W to 400 W 4800 lm to 60000 lm	2.4 %	Using C-Type mirror G with Spectroradiometer Sphere with Standard Colori Meter Interface Standard Light	Jsing C-Type mirror Goniophotometer vith Spectroradiometer and Integrating Sphere with Standard Spectrophoto Colori Meter Interfaced with PC and Standard Light Source			
4.	LUMINOUS FLUX HIGH PRESSURE MERCURY VAPOUR LAMP (HPMVL) ^{\$}		80 W to 400 W 2000 lm to 60000 lm	2.4 %	Using C-Type mirror G with Spectroradiometer Sphere with Standard Colori Meter Interface Standard Light	oniophotometer and Integrating Spectrophoto ed with PC and Source			
5.	LUMINOUS FLUX TUBULAR FLUORESC LAMP (TFL) ^{\$}	ENT	4 W to 40 W 200 lm to 6000 lm	2.2 %	Using C-Type mirror G with Spectroradiometer Sphere with Standard Colori Meter Interface Standard Light	Jsing C-Type mirror Goniophotometer vith Spectroradiometer and Integrating Sphere with Standard Spectrophoto Colori Meter Interfaced with PC and Standard Light Source			
6.	LUMINOUS FLUX TUNGSTEN FILAMEN LAMPS ^{\$}	Г	15 W to 200 W 115 lm to 3400 lm	2.2 %	Using C-Type mirror G with Spectroradiometer Sphere with Standard Colori Meter Interface Standard Light	oniophotometer and Integrating Spectrophoto ed with PC and Source			

Rajeshwar Kumar Convenor

Laboratory Accreditation Standard		Hi Physix Delhi ISO/IEC 17	Laboratory, 025:2005	K-12,	Sector-2,	DSIDC	Industrial	Area	, Bawana,
Discipline		Optical Ca	Issue Dat	te 2	23.11.2016				
Certificate Number		C-0639	Valid Unt	il 2	22.11.2018				
Last Amended on		-					Page	2	2 of 2
	Quantity Measured / Instrument	Range	e/ Frequency		* Calibrat Measuren Capability	tion nent / (±)	Remarks		
7.	LUMINOUS FLUX LEI LAMPS ^{\$}	D 0.3 201	5 W to 18 W lm to 3000 lm		2.2 %	Usin with Sp Col	ng C-Type mirror Goniophotometer Spectroradiometer and Integrating ohere with Standard Spectrophoto lori Meter Interfaced with PC and Standard Light Source		
8.	COLOR COORDINAT	ES [#] 150	0 k to 25000 k		x=0.006 y=0.006	Usin with Sp Col	ng C-Type mirror Goniophotometer 1 Spectroradiometer and Integrating phere with Standard Spectrophoto 2 Jori Meter Interfaced with PC and Standard Light Source		

* Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95% *Only in Permanent Laboratory # The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.