



Valid from 10 April 2019
to 09 April 2022
Issued on 10 April 2019

As an accredited laboratory, this laboratory is entitled to
use the following accreditation symbol.



ISO/ IEC 17025
TL 062-01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 062-01

Photometry Laboratory - Regional Centre for Lighting
Ceylon Electricity Board
2nd Floor, Block 5, BMICH,
Bauddaloka Mawatha
Colombo 07

Scope of Accreditation: Performing Electrical and Photometric tests on CFL and LED lamps as per SLS, AMD, IES LM methods

The laboratory is accredited for the following tests.

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
1.1	Self-ballasted Lamps / Integral type Compact Florescent Lamps (CFL)	Lamp Wattage	SLS 1231: Part 1: 2002 AMD 417: 2011 SLS 1225: 2016	2 – 60 Watt
1.2		Total Luminous Flux		100 - 5000 lm
1.3		Colour Temperature		2000 - 10000 K
1.4		Chromaticity Coordinates		CIE 1931 xy Chromaticity space
1.5		Colour Rendering Index		0 – 100
1.6		SDCM (Standard deviation for colour matching)		As computed by above parameters
1.7		Lumen Maintenance		100 - 5000 lm
1.8		Total Harmonics Distortion (THD) (1st – 50th)	SLS 1231: Part 1: 2002 AMD 417: 2011	0 - 300
1.9		Power Factor	SLS 1231: Part 1: 2002	0 - 1
1.10		Lamp Voltage	AMD 417: 2011	230 Vac
1.11		Current	SLS 1225: 2016	10 - 500 mA

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
2.1	LED Lamps	Lamp Wattage	IES LM-79-08 IEC 62612:2013, Amd. 1: 2015 & Amd. 2: 2018 SLS 1458: Part 2: 2014 SLS 1530: 2016	2 – 60 Watt
2.2		Total Luminous Flux		100 - 5000 lm
2.3		Colour Temperature		2000 - 10000 K
2.4		Chromaticity Coordinates		CIE 1931 xy Chromaticity space
2.5		Colour Rendering Index		0 – 100
2.6		Power Factor		0 - 1
2.7		Lamp Voltage		230 Vac
2.8		Current		10 - 500 mA

Director / CEO
 Sri Lanka Accreditation Board for Conformity Assessment