



Valid from 09 December 2025
To 08 December 2029
Issued on 12 January 2026

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



ISO/ IEC 17025
TL 016-04

Schedule of Accreditation

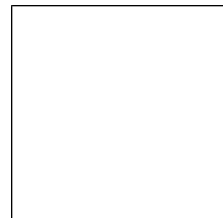
Accreditation Scheme for Testing/Calibration Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 016-04

Photometry Unit of Electrical and Electronic laboratory
Sri Lanka Standards Institution
No 02, Kynsey Road,
Colombo - 08

Scope of Accreditation: Performing Electrical and Photometric tests on CFL and LED lamps as per SLS methods appearing in this schedule.

The laboratory is accredited for the following tests as per given in the page 02 of 02.



SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed (eg: xxx: 2016)	Range of testing/ Limits of detection
01	Self-ballasted integral type Compact Fluorescent Lamps(CFL)	Current	SLS 1231: Part 1:2021 Performance Requirements SLS 1225: 2016 (Energy Efficiency Rating)	10 mA-500 mA
		Wattage		2 W - 60 W
		Power Factor		0-1
		Luminous Flux		50 Lm - 5000 Lm
		Chromaticity Coordinates (CIE)		CIE 1931 x & y chromacity space
		Color Rendering Index (CRI)		Up to 100
		Correlated Color Temperature (CCT)		As computed by the system based CIE Chromacity space
		Standard Deviation of Color Matching (SDCM)		As computed by the system based on Chromacity space and CCT
		Harmonics Measurements	SLS 1231: Part 1:2021 Performance Requirements	1 st - 39 th (fundamental-50 Hz)
02	Self-ballasted integral type LED lamps	Wattage	SLS 1530 :2016 + A1(AMD 523:2019) + A2 (AMD 538:2020): Minimum Energy Performance	2 W- 60 W
		Current		10 mA-500 mA
		Power Factor		0 -1
		Luminous Flux		50 Lm-5000 Lm
		Chromaticity Coordinates (CIE)		CIE 1931 x & y chromacity space
		Correlated Color Temperature (CCT)		As computed by the system based on Chromacity Space
		Standard Deviation of Color Matching (SDCM)		As computed by the system based on Chromacity Space and CCT
		Color Rendering Index (CRI)		Up to 100
03	Self-ballasted LED lamps	Lamp Power (Initial)	SLS 1458:Part 2:2014 + A1(AMD 480:2016): Performance Requirements	2 W- 60 W
		Current (Initial)		10 mA-500 mA
		Displacement Factor (Initial)		0 -1
		Luminous Flux (Initial)		50 Lm-5000 Lm
		Chromaticity Coordinates (CIE) (Initial)		CIE 1931 x & y chromacity space
		Correlated Color Temperature (CCT) (Initial)		As computed by the system based on Chromacity Space
		Standard Deviation of Color Matching (SDCM) (Initial)		As computed by the system based on CCT
		Color Rendering Index (CRI) (Initial)		Up to 100

Acting Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment

