



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

Valid from 13 January 2016
to 12 January 2019
Issued on 13 January 2016



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 Self-ballasted compact fluorescent lamps (CFL)

The laboratory is accredited for the tests as given in page 02

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Self-ballasted Lamps / Integral type Compact Fluorescent Lamps (CFL)	Lamp Wattage	SLS 1231: part 1; 2002 SLS 1225:2002	2- 60 Watt
02		Total Luminous Flux		100-5000 lm
03		Colour temperature		2000-10000 K
04		Chromaticity Coordinates		CIE 1931 xy Chromacity space
05		Colour Rendering Index		0-100
06		SDCM (Standard deviation for colour matching)		As computed by above parameters
07		Lumen Maintenance		100-5000 lm
08		Total Harmonics Distortion (THD) (1 st – 50 th)	SLS 1231: part 1; 2002	0-300
09		Power Factor	SLS 1231: part 1; 2002	0 -1
10		Lamp Voltage	SLS 1225:2002	230 Vac
11		Current		10-500 mA

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment