

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-19681-01-00 according to ISO/IEC 17025:2017

Period of validity: 25.07.2019 to 24.07.2024 Date of issue: 25.07.2019

Holder of certificate:

OSRAM Opto Semiconductor (M) Sdn. Bhd.
Reliability Engineering Test & Analysis Laboratory
Plot 2, Phase 4, Free Industrial Zone, Bayan Lepas (Globetronic G4 building)
11900 Pulau Pinang, Malaysia

Tests in the fields:

Energy Efficiency

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkKS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing standards / equivalent testing procedures within the flexible scope of accreditation.

Testing Field	Standard / In-House Procedure / Version	Title of Standard or In-House Procedure (Deviations / Modification of Standard)	Test Range / Restrictions
Energy Efficiency	ANSI/IES LM-80-08:2008	Measuring Lumen Maintenance of LED Lighting Sources	
Energy Efficiency	ANSI/IES LM-80-15:2015	IES Approved Method: Measuring Luminous Flux and Color Maintenance of LED Packages, Arrays and Modules.	
Energy Efficiency	CIE 127:2007	Measurement of LEDs	