


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p><b>UKAS</b> TESTING</p> <p><b>4701</b></p> <p>Accredited to <b>ISO/IEC 17025:2017</b></p>	<p><b>LUX-TSI Limited</b></p> <p><b>Issue No: 012    Issue date: 13 August 2021</b></p>	
	<p><b>Unit 1B</b> <b>Pencoed Technology Park</b> <b>Pencoed</b> <b>Bridgend</b> <b>CF35 5AQ</b></p>	<p><b>Contact: Gareth Jones</b> <b>Tel: +44 (0)1656 864618</b> <b>E-Mail: gjones@lux-tsi.com</b> <b>Website: www.lux-tsi.com</b></p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p><b>LIGHTING</b></p> <p>LED Packages LED Modules &amp; Light Engines</p> <p>Self-Ballasted Lamps</p> <p>Lamps With External Ballasts</p> <p>Luminaires</p>	<p>Integrated Spectroradiometric Flux (Using an Integrating Sphere) and Conversion Into Luminous Flux, Chromaticity And Colour Rendering values</p> <p>Integrating Sphere: Maximum largest dimension of test artefact 100 mm Maximum power of test artefact 100 W</p> <p>Luminous Intensity Distribution and Total Luminous Flux using a Goniophotometer (Not Compact Fluorescent Lamps)</p> <p>Goniophotometer: Maximum largest dimension of test artefact 1.9 M</p>	<p>BS EN ISO 13032-1 +A1:2012 EN 13032-4:2015 +A1:2019 IESNA LM-79-19 IESNA LM-9-09 IESNA LM-45-09 IESNA LM-66-11 CIE 127 CIE 121 CIE 84 CIE 177 EC 244-2009 EU 1194-2012 IEC 62612 ed1.0 (2013-06) IEC 62722-1 ed1.0 (2014-09) IEC 62722-2-1 ed1.0 (2014-11) IEC 62717 ed1.0 (2014-12) CIE S 025/E:2015</p> <p>Colour rendering calculations performed according to CIE13.3:1995</p>
<p>LED Packages</p> <p>LED Modules &amp; Light Engines</p>	<p>Lumen Depreciation Testing Maximum largest dimension of test artefact 100 mm Maximum power of test artefact 100 W</p>	<p>IESNA LM-80-08 IESNA TM-21</p>



4701  
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**LUX-TSI Limited**

**Issue No: 012 Issue date: 13 August 2021**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
LIGHTING (cont'd)  Self-Ballasted LED Lamps  LED Lamps With External Ballasts  LED Luminaires	Performance Testing Including Lumen Depreciation Testing Maximum largest dimension of test artefact 100 mm Maximum power of test artefact 100 W	IESNA LM 79-08 BS EN 13032-1:2004 + A1:2012 EN 13032-4:2015 CIE S 025/E:2015 CIE 127 CIE 121 CIE 84 CIE13.3 CIE 177 EC 244-2009 EU 1194-2012 IEC 62612 ed1.0 (2013-06) IEC 62722-1 ed1.0 (2014-09) IEC 62722-2-1 ed1.0 (2014-11) IEC 62717 ed1.0 (2014-12)
Lamps	Luminous Flux  Maximum largest dimension of test artefact 100 mm Maximum power of test artefact 100 W	CIE 84 clause 6 (luminous flux measurement using integrating sphere)
LED Lamps and Luminaires	Energystar	IESNA LM-79-08 IESNA LM-80-08 IESNA TM-21 ISTMT
Emergency Lighting Products	Goniophotometry Functional Safety Changeover Operation	BS EN 60598-2-22:2014+A1:2020 CLAUSES: 22.12.7 22.16.1 22.16.3 22.16.14 22.17 IESNA LM-79-19
END		