Hellenic Accreditation System

Annex F1/2 to the Certificate No. **1300**

SCOPE of ACCREDITATION

of the

Testing Laboratory

of the

BRIGHT SPECIAL LIGHTING S.A.

Materials/ Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Physical Tests		
Luminaires Lamps Light Sources LED lumianires LED lamps LED modules	Stabilization of the source	EN 13032-1 §5.2.5
	Spectrometry & Spectral Irradiance *(360-830nm)*	EN 13032-4 §7
	Measurement of Correlated Colour Temperature (CCT) [K] *(0-15.000K)*	EN 13032-4 §7.1.2
	Measurement of color coordinates (x,y) *0-55(According to CIE 1931)*	EN 13032-4 §7.1.1
	Measurement of color coordinates (u,v) *Accroding to CIE 1976 colour space*	EN 13032-4 §7.1.4
	Measurement of Colour Rendering Indices (R_i) and Colour Rendering Index (R_a)	EN 13032-4 §7.1.3
	Electrical test conditions *(AC: 0-2.500VA / DC: 0-1.500W)*	EN 13032-1 §5.2.2, Table 2 EN 13032-4 §4.3.1 §4.3.2 §4.3.3
	Luminous Efficacy Calculation [lm/W]	EN 13032-4 §6.4
	Light intensity distribution curve	EN 13032-1 §4.2 EN 13032-2 §6.5 §6.6 EN 13032-4 §6.5
	Luminous intensity distribution measurements [cd] *(0- 480.000cd)*	EN 13032-1 §5.4 EN 13032-4 §6.5
	Luminous flux measurements [lm]	EN 13032-1 §5.5 EN 13032-4 §6.2

Materials/ Products to be tested	Types of test / Properties to be measured	Applied methods / Techniques to be used
Solid-State Lighting Products	Spectrometry & Spectral Irradiance *(360-830nm)*	IES LM-79-19 §8.2
	Measurement of Correlated Colour Temperature (CCT) [K] *(0-15.000K)*	IES LM-79-19 §11.1, Annex F
	Measurement of color coordinates (x,y) *0-55* *(According to CIE 1931 colour space)*	IES LM-79-08 §12.2
	Measurement of color coordinates (u,v) *Accroding to CIE 1976 colour space*	IES LM-79-19 §7.3.2, §9.4, §11.1
	Measurement of Colour Rendering Indices (R_i), Colour Rendering Index (R_a), Colour Fidelity Index (R_f) and Gamut Index (R_g)	IES LM-79-19 §11.1
	Electrical test conditions *(AC: 0-2.500VA / DC: 0-1.500W)*	IES LM-79-19 §5.4
	Luminous Efficacy Calculation [lm/W]	IES LM-79-19 §11.1
	Light intensity distribution curve	IES LM-79-19 §8.0
	Luminous intensity distribution measurements [cd] *(0-480.000cd)*	IES LM-79-19 §8.0
	Luminous flux measurements Using angular integration system (Goniophotometer) [lm]	IES LM-79-19 §7.3

Site of assessment: **Laboratory permanent premises, 5 Kefalovrisou Str., Acharnai, Attica, 13677.**
Approved signatories: **A. Vardakas, D. Angelidakis**.

This Scope of Accreditation replaces the previous one dated 10.06.2022.
The Accreditation Certificate No. **1300**, to ELOT EN ISO/IEC 17025:2017, has been extended according to ESYD's decisison and it is valid until 09.12.2026.

Athens, 04.06.2026

Konstantinou Evangelos Apostolos
CEO of ESYD