

**TEST REPORT**

**IEC 62471:2006**

**Photobiological safety of lamps and lamp systems**

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*Sally B*

*FUTURE*



FENVAL

<b>IEC 62471</b>			

	$L_B t = \int_{300}^{700} L_\lambda(\lambda, t) B(\lambda) d\lambda \quad t \leq \lambda \leq \quad -2 \quad -1$		
	$L_B = \int_{300}^{700} L_\lambda B(\lambda) d\lambda \quad \lambda \leq$		
	$E_B t = \int_{300}^{700} E_\lambda(\lambda, t) B(\lambda) d\lambda \quad t \leq \lambda \leq \quad -2$		
	$E_B = \int_{300}^{700} E_\lambda B(\lambda) d\lambda \quad \lambda \leq$		
	$L_R = \sum_{\lambda}^{1400} L_\lambda \cdot R(\lambda) \cdot \Delta\lambda \leq \frac{50000}{0.25} \quad \text{W} \cdot \text{m}^{-2} \cdot \text{sr}^{-1} \quad L_R$		



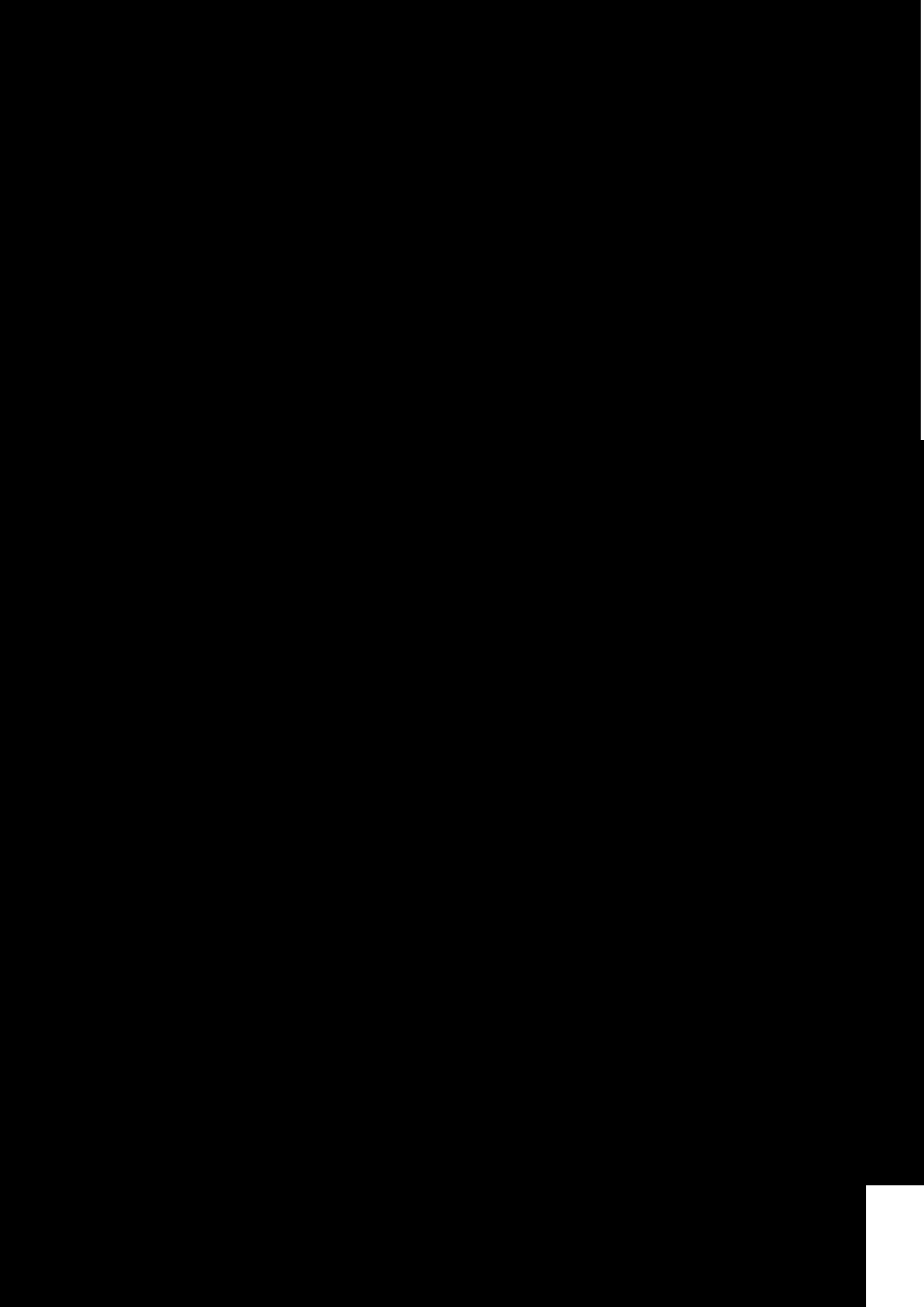












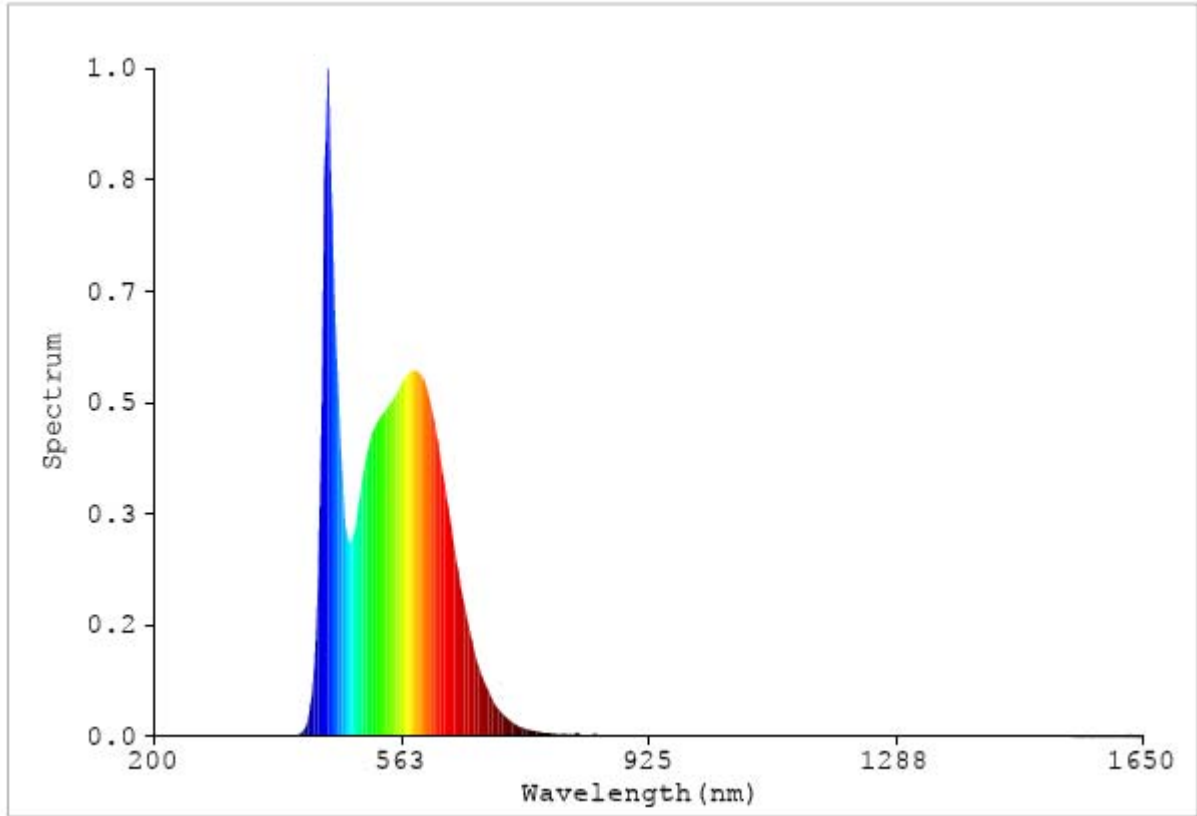
<b>IEC 62471</b>			

<b>Table 5.4</b>					-
<b>Hazard Name</b>	<b>Relevant equation</b>	<b>Wavelength Range nm</b>	<b>Exposure aperture rad(deg)</b>	<b>Limiting aperture rad(deg)</b>	<b>EL in items of constant irradiance <math>W.m^{-2}</math></b>

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The front view of EUT



The back view of EUT



