



TEST REPORT

IEC 62471:2006

Photobiological safety of lamps and lamp systems

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Sally B

FUNNY

FENVAL

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	$L_B t = \int_{300}^{700} L_\lambda(\lambda, t) B(\lambda) d\lambda \quad t \leq 10^{-2} \text{ s}$		
	$L_B = \int_{300}^{700} L_\lambda B(\lambda) d\lambda \quad \lambda \leq 10^{-1} \text{ s}$		
	$E_B t = \int_{300}^{700} E_\lambda(\lambda, t) B(\lambda) d\lambda \quad t \leq 10^{-2} \text{ s}$		
	$E_B = \int_{300}^{700} E_\lambda B(\lambda) d\lambda \quad \lambda \leq 10^{-1} \text{ s}$		
	$L_R = \sum_{\lambda=380}^{1400} L_\lambda \cdot R(\lambda) \cdot \Delta\lambda \leq \frac{50000}{0.25} \text{ W} \cdot \text{m}^{-2} \cdot \text{sr}^{-1}$		L_R

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Table 4.2			
Wavelength nm	Blue-light hazard function B()	Burn hazard function R()	

FINAL

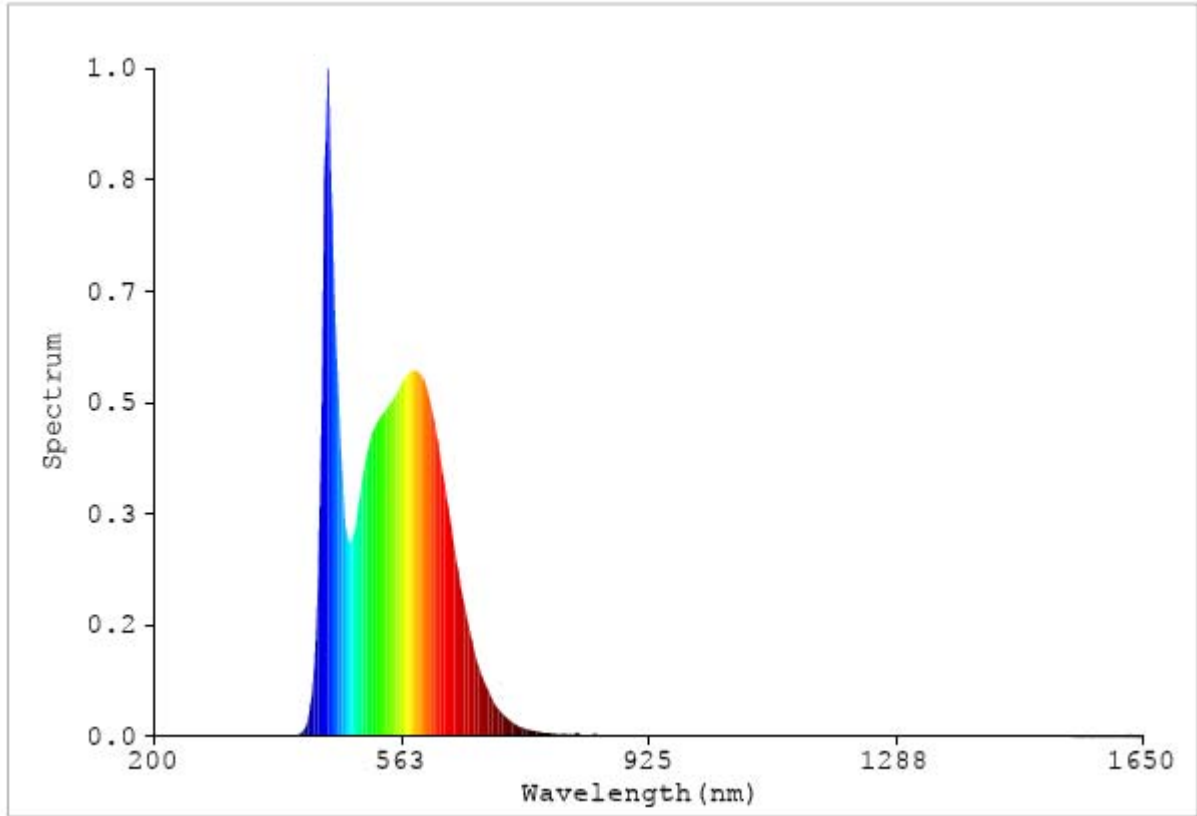
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Table 5.4					-
Hazard Name	Relevant equation	Wavelength Range nm	Exposure aperture rad(deg)	Limiting aperture rad(deg)	EL in terms of constant irradiance $W.m^{-2}$

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The front view of EUT



The back view of EUT

