

TEST REPORT

IEC 62471:2006

Photobiological safety of lamps and lamp systems

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Sally B

FUTURE

FENVAL

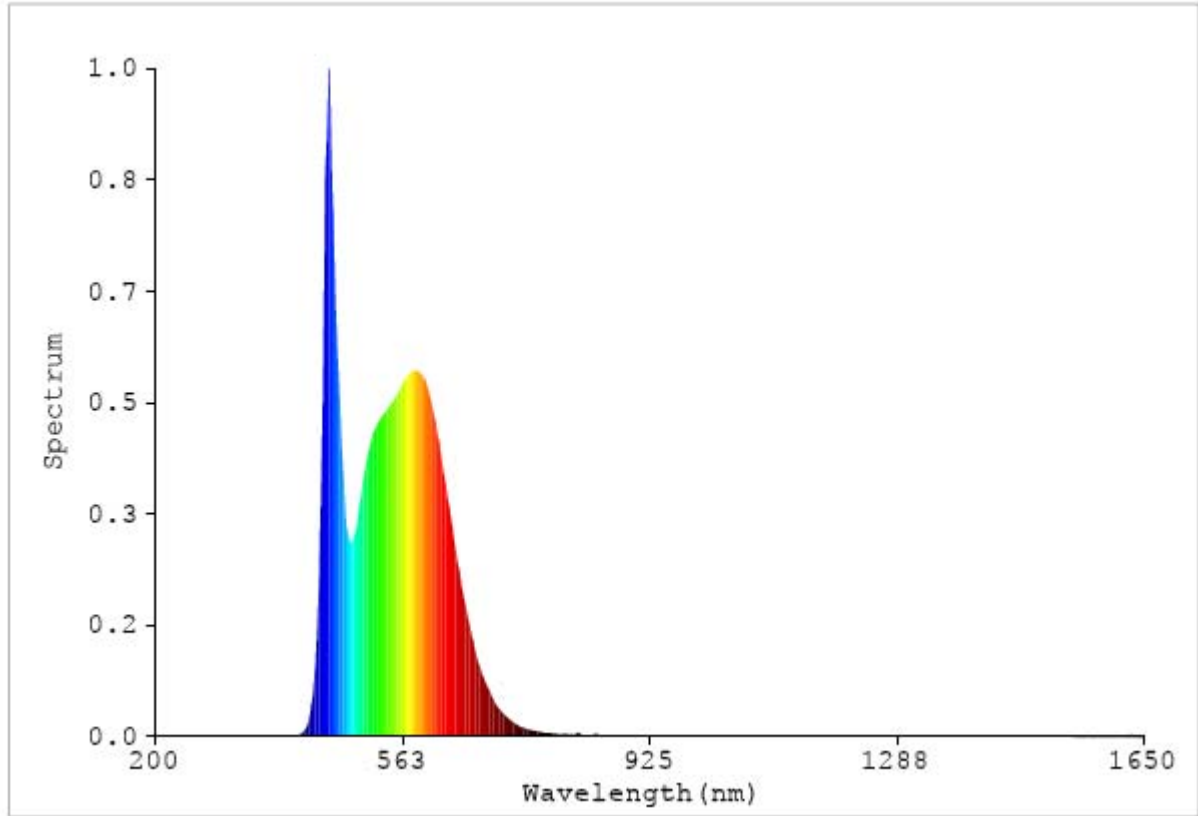
IEC 62471			
	$\begin{matrix} 700 \\ \lambda \lambda \lambda \lambda \leq \\ 300 \end{matrix} \quad \begin{matrix} -2 \\ -1 \end{matrix}$		
	$\begin{matrix} 700 \\ \lambda \lambda \lambda \leq \\ 300 \end{matrix}$		
	$\begin{matrix} 700 \\ B \lambda \lambda \lambda \lambda \leq \\ 300 \end{matrix} \quad -2$		
	$\begin{matrix} 700 \\ \lambda \lambda \lambda \leq \\ 300 \end{matrix}$		
	$L_R = \sum_{\lambda}^{1400} L_{\lambda} \cdot R(\lambda) \cdot \Delta\lambda \leq \frac{50000}{380^{0.25}} \text{ W}\cdot\text{m}^{-2}\cdot\text{sr}^{-1}$	L_R	

FINAL

IEC 62471			

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

