

TEST REPORT
IEC 62471:2006
Photobiological safety of lamps and lamp systems

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IEC 62471

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



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FENVA



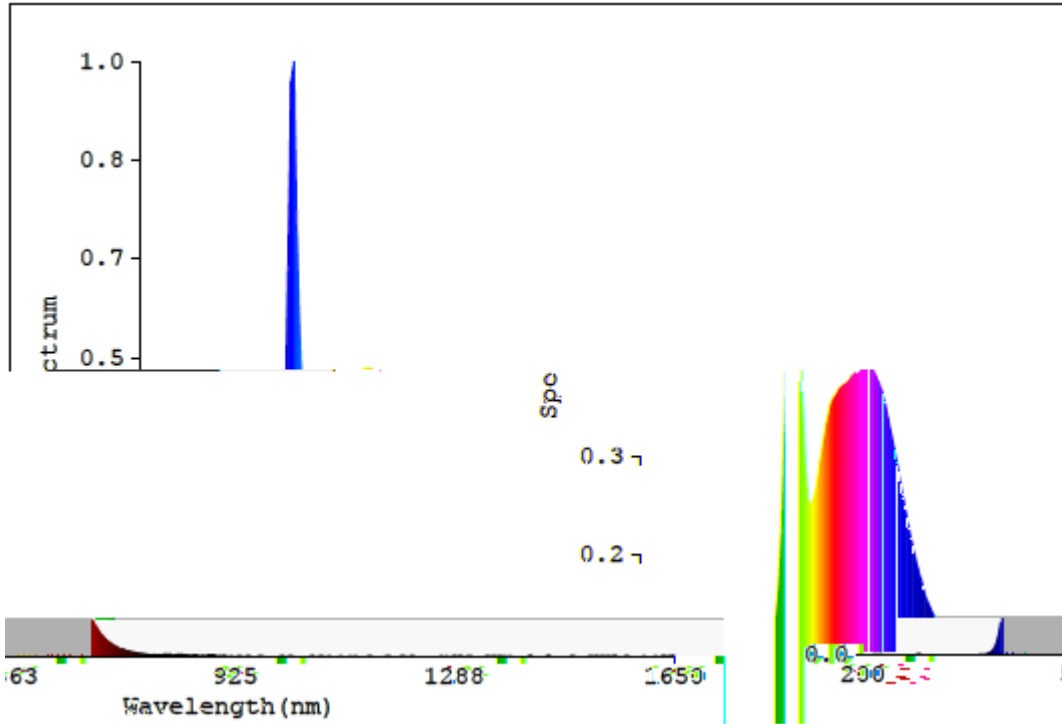
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Table 5.4					
Hazard Name	Relevant equation	Wavelength Range nm	Exposure aperture rad(deg)	Limiting aperture rad(deg)	EL in terms of constant irradiance $W.m^{-2}$

Table 5.5					-
Hazard Name	Relevant equation	Wavelength Range nm	Exposure duration Sec	Field of view radians	EL in terms of constant radiance $W.m^{-2}.sr^{-1}$

Appendix I Figure of Spectral distribution

Spectral distribution of LED



Appendix A - EUT Photos

1. General view of LED

