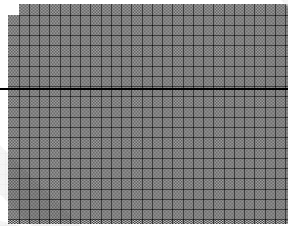


**TEST REPORT**

**IEC 62471:2006**

**Photobiological safety of lamps and lamp systems**

*Paul Zeng*  
*Jacky Li*







FINAL

FINAL

	$L_B t = \int_{300}^{700} L_\lambda(\lambda, t) B(\lambda) t \lambda \leq \quad -2 \quad -1$		
	$L_B = \int_{300}^{700} L_\lambda B(\lambda) \lambda \leq$		
	$E_B t = \int_{300}^{700} E_\lambda(\lambda, t) B(\lambda) t \lambda \leq \quad -2$		
	$E_B = \int_{300}^{700} E_\lambda B(\lambda) \lambda \leq$	=	
	$L_R = \sum_{780}^{1400} L_\lambda \cdot R(\lambda) \cdot \Delta\lambda \leq \frac{50000}{\alpha \cdot 0.25 \cdot 380} \quad \text{W} \cdot \text{m}^{-2} \cdot \text{sr}^{-1}$	$L_R$	
	$L_{IR} = \sum_{780}^{1400} L_\lambda \cdot R(\lambda) \cdot \Delta\lambda \leq \frac{6000}{\alpha} \quad \text{W} \cdot \text{m}^{-2} \cdot \text{sr}^{-1}$		






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FULLY





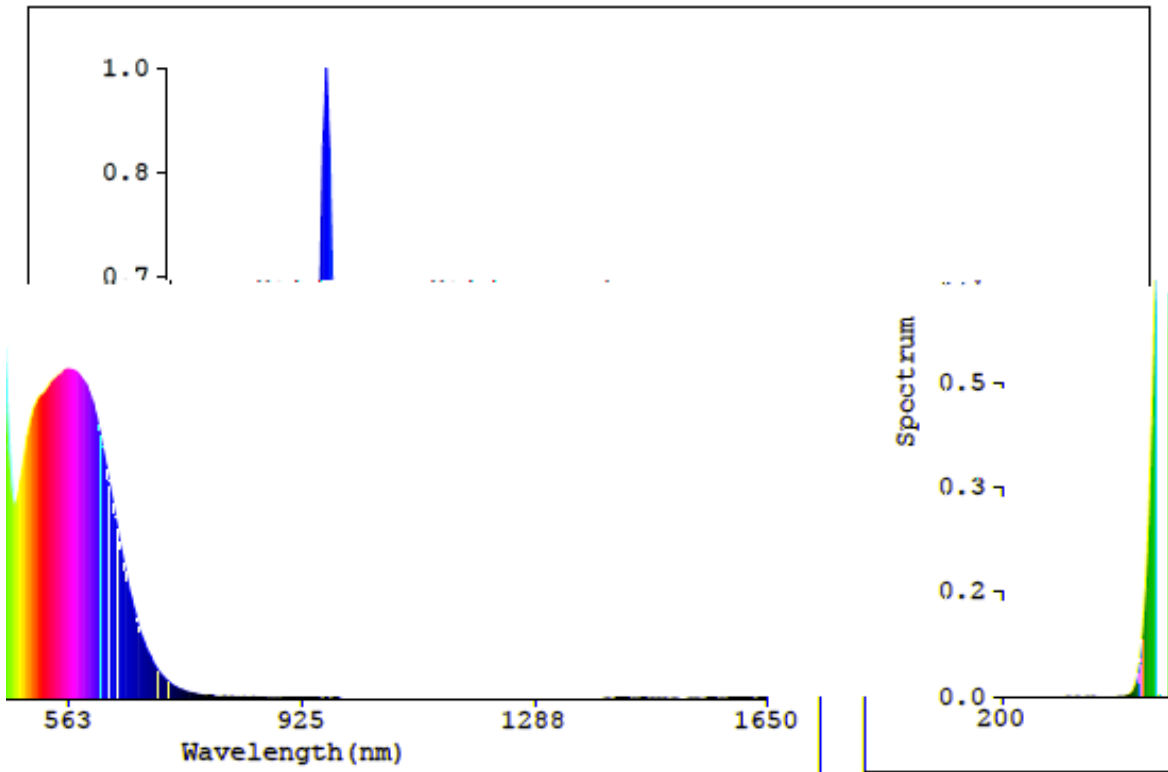
			rad(deg)	rad(deg)	irradiance $W.m^{-2}$

<b>Table 5.5</b>					-
<b>Hazard Name</b>	<b>Relevant equation</b>	<b>Wavelength Range nm</b>	<b>Explosure duration Sec</b>	<b>Field of view radians</b>	<b>EL in terms of constant radiance (<math>W.m^{-2}.sr^{-1}</math>)</b>




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**Spectral distribution**



The front view of EUT



The back view of EUT



