

TEST REPORT

IEC 62471:2006

Photobiological safety of lamps and lamp systems

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FINAL



General product information:

Model	Input parameters	CCT

Remarks:

FURNIVAL



FEN

	$L_B = \int_{300}^{700} L_\lambda B(\lambda) \Delta\lambda \leq$		
	$E_B t = \int_{300}^{700} E_\lambda(\lambda, t) B(\lambda) \Delta\lambda \leq$	-2	
	$E_B = \int_{300}^{700} E_\lambda B(\lambda) \Delta\lambda \leq$		
	$L_R = \sum_{\alpha \cdot t}^{1400} L_\lambda \cdot R(\lambda) \cdot \Delta\lambda \leq \frac{50000}{0.25}$	$\frac{W \cdot m^{-2} \cdot sr^{-1}}{380}$	
	$L_{IR} = \sum_{780}^{1400} L_\lambda \cdot R(\lambda) \cdot \Delta\lambda \leq \frac{6000}{\alpha}$	$W \cdot m^{-2} \cdot sr^{-1}$	
	$E_{IR} = \sum_{780}^{3000} E_\lambda \cdot \Delta\lambda \leq 18000 \cdot t^{-0.75}$	$W \cdot m^{-2}$	



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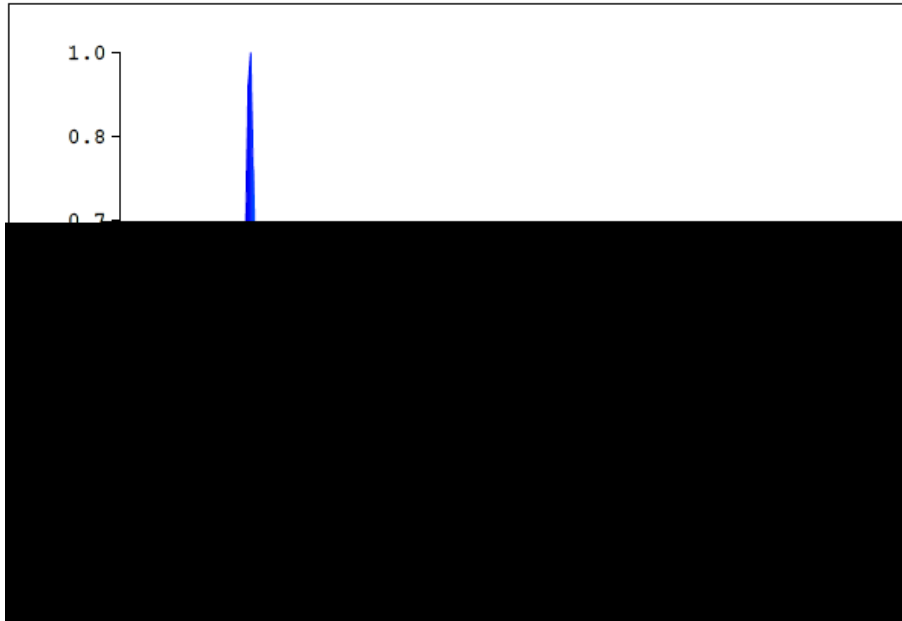
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Table 5.4					
Hazard Name	Relevant equation	Wavelength Range nm	Exposure aperture rad(deg)	Limiting aperture rad(deg)	EL in terms of constant irradiance $W.m^{-2}$

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

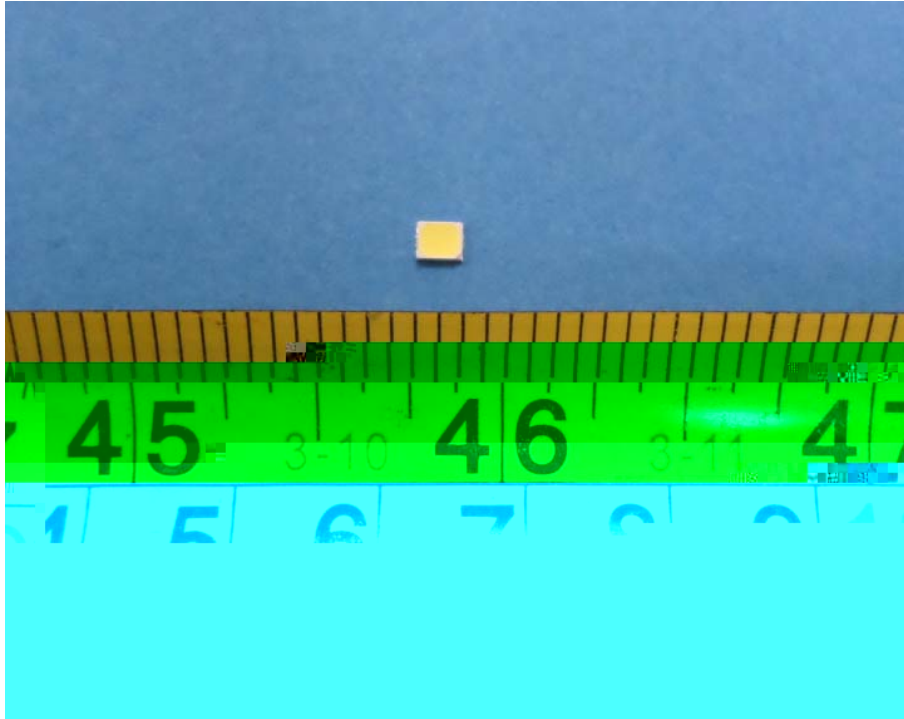
Spectral distribution of 5700K



F E M V

Appendix A - EUT Photos

1. General view of 5700K



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