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

Test item particulars **Lamp classification group.....: Exempt Group**
Possible test case verdicts
General remarks: **Remark:** **Appendix A - EUT photos** **Appendix B - Test equipment list**
General Product Information:

	$E_S\ t = \int_{t}^{400} E\ (\lambda,t)\ s_{uv}(\lambda)\quad t\quad \lambda \leq$		

$$L_B\ t = \int_{380}^{700} L_\lambda(\lambda,t)\ B$$

	$E_{IR} = \sum_{780}^{3000} E_\lambda \cdot \Delta\lambda \le 18000 \cdot t^{-0,75}$ W·m^{-2}		
	$E_{IR} = \sum_{780}^{3000} E_\lambda \cdot \Delta\lambda \le 100$ W·m^{-2}		
	$E_H \cdot t = \sum_{380}^{3000} \sum_{t} E_\lambda(\lambda,t) \cdot \Delta t \cdot \Delta\lambda \le 20000 \cdot t^{0,25}$ J·m^{-2}		

Table 4.1			
Wavelength[1] , nm	**UV hazard function S_{UV}( )**	**Wavelength , nm**	**UV hazard function S_{UV}( )**

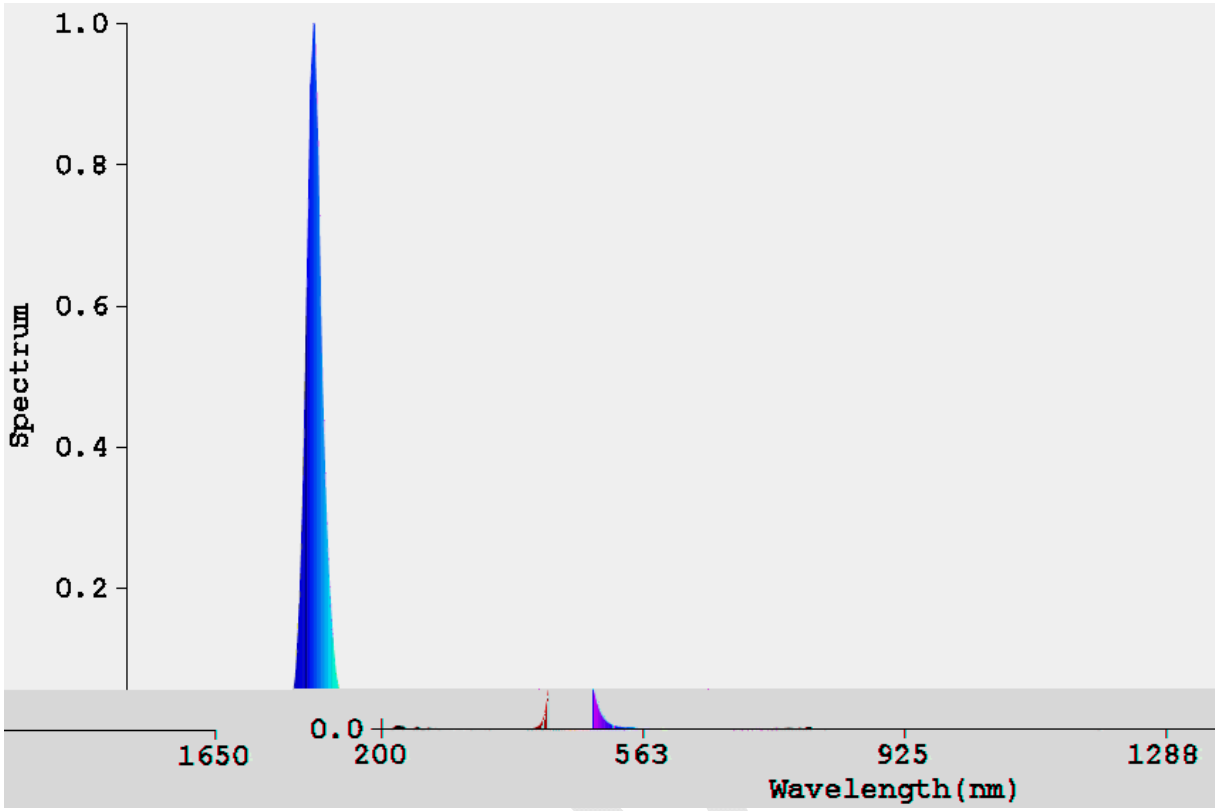
Table 4.2

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

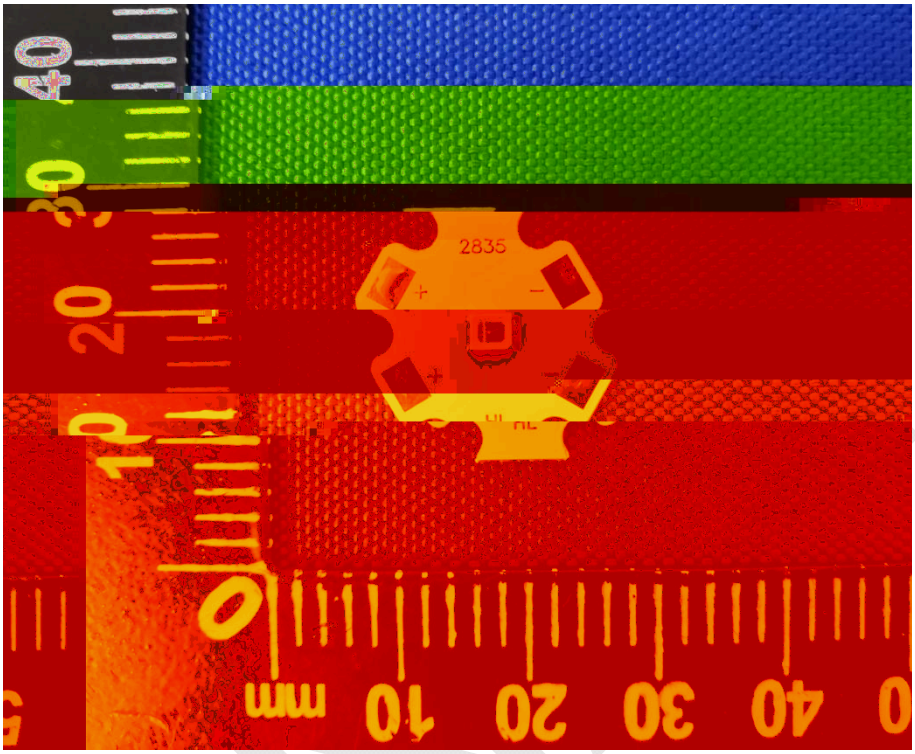
Table 5.4					-
Hazard Name	**Relevant equation**	**Wavelength Range nm**	**Explosure aperture rad(deg)**	**Limiting aperture rad(deg)**	**EL in items of constant irradiance $W.m^{-2}$**

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

FIN


1.0
0.8
0.6
0.4
0.2
0.0
Spectrum
1650
200
563
925
1288
Wavelength(nm)

The overall view of EUT



Equipment Description	Model No	BACL#	Manufacturer	Last Cal	Cal Due

End of report