TEST REPORT

IEC 62471:2006

Photobio...   ...afety of lamps and lamp systems

Note:

Test item particulars ....:

Lamp classification group...: Exempt Group

Possible test case verdicts

General remarks:

Remark:

General product information:

$$E_S\,t = \sum_{t}^{400} E(\ ,t)\, s_{uv}(\ )\,\triangle t\,\triangle$$

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

Table 4.1			
Wavelength[1] λ, nm	UV hazard function $S_{UV}(\lambda)$	Wavelength λ, nm	

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 $W.m^{-2}$

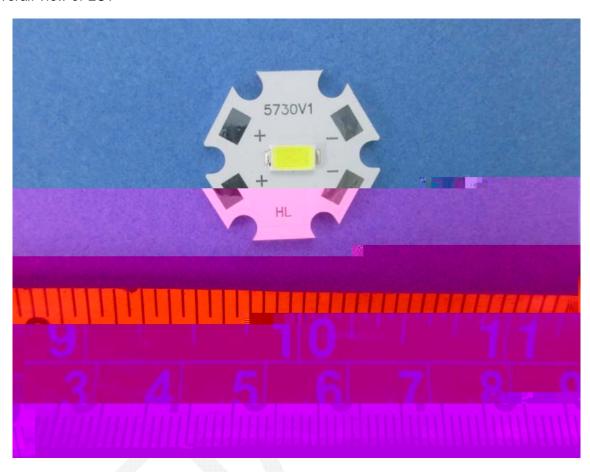| Table 5.5					-
Hazard Name	Relevant equation	Wavelength Range nm	Explosure duration Sec	Field of view radians	EL in terms of constant radiance $W.m^{-2}.sr^{-1}$)

	λ									
	λ									
	λ									
	λ			α α			α α		α α	
	λ			α α			α α		α α	

The overall view of EUT

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Equipment Description	Model No	BACL#	Manufacturer	Last Cal	Cal Due

*** End of report ***