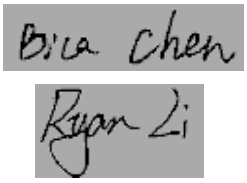
TEST REPORT IEC 62471 **Photobiological safety of lamps and lamp systems**
Report Reference No 
Testing Laboratory
Applicant's name
Test specification:
Test Report Form No
Test item description

Summary of testing:

Tests performed (name of test and test clause): **Testing location:**

Test item particulars

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4	EXPOSURE LIMITS		
			
			
			
	λ		

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		≤ 	
			
	λ		
			
			
	λ λ		
		μ ≤ ≤	
			
			

![SGS]

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	$E_{IR} = \sum_{780}^{3000} E_{\lambda} \cdot \Delta\lambda \leq 100 \quad W \cdot m^{-2}$		
	$E_{H} \cdot t = \sum_{380}^{3000} \sum_{t} E_{\lambda}(\lambda, t) \cdot \Delta t \cdot \Delta\lambda \leq 20000 \cdot t^{0.25} \quad J \cdot m^{-2}$		
5	**MEASUREMENT OF LAMPS AND LAMP SYSTEMS**		

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	α		
	Δ		
6	**LAMP CLASSIFICATION**		

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

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Table 4.2		

Wavelength nm	Blue-light hazard function B (

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Table 5.4					
Hazard Name	**Relevant equation**	**Wavelength range nm**	**Exposure duration sec**	**Limiting aperture rad (deg)**	**EL in terms of constant irradiance W m^{-2}**
	$\sum_{\lambda}$ λ Δλ				
	$\sum_{\lambda}$ Δλ		≤		
	$\sum_{\lambda}$				

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Table 6.1										
	λ									

List of test equipment used:

Clause	Measurement / testing	Testing / measuring equipment / material used	Range used	Calibration date

Photo documentation