



Test item particulars

Lamp classification group.....: Exempt Group

FENVAL

	-		
	$L_B t = \sum_{300}^{700} \sum_{t} L_{\lambda}(\lambda, t) B(\lambda) \Delta t \Delta \lambda \leq$	-2 -1	
	$L_B = \sum_{300}^{700} L B(\lambda) \Delta \lambda \leq$		
		α	
	$E_B t = \sum_{300}^{700} \sum_{t} E(\lambda, t) B(\lambda) \Delta t \Delta \lambda \leq$	-2	
	$E_B = \sum_{300}^{700} E B(\lambda) \Delta \lambda \leq$		
	$L_{IR} = \sum_{38}^{1400} L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda \leq \frac{50000}{\alpha \cdot t^{0.25}}$	$W \cdot m^{-2} \cdot sr^{-1}$	
	$L_{IR} = \sum_{780}^{1400} L_{\lambda} \cdot R(\lambda) \cdot \Delta \lambda \leq \frac{6000}{\alpha}$	$W \cdot m^{-2} \cdot sr^{-1}$	

	-		

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

		°C	

	-		

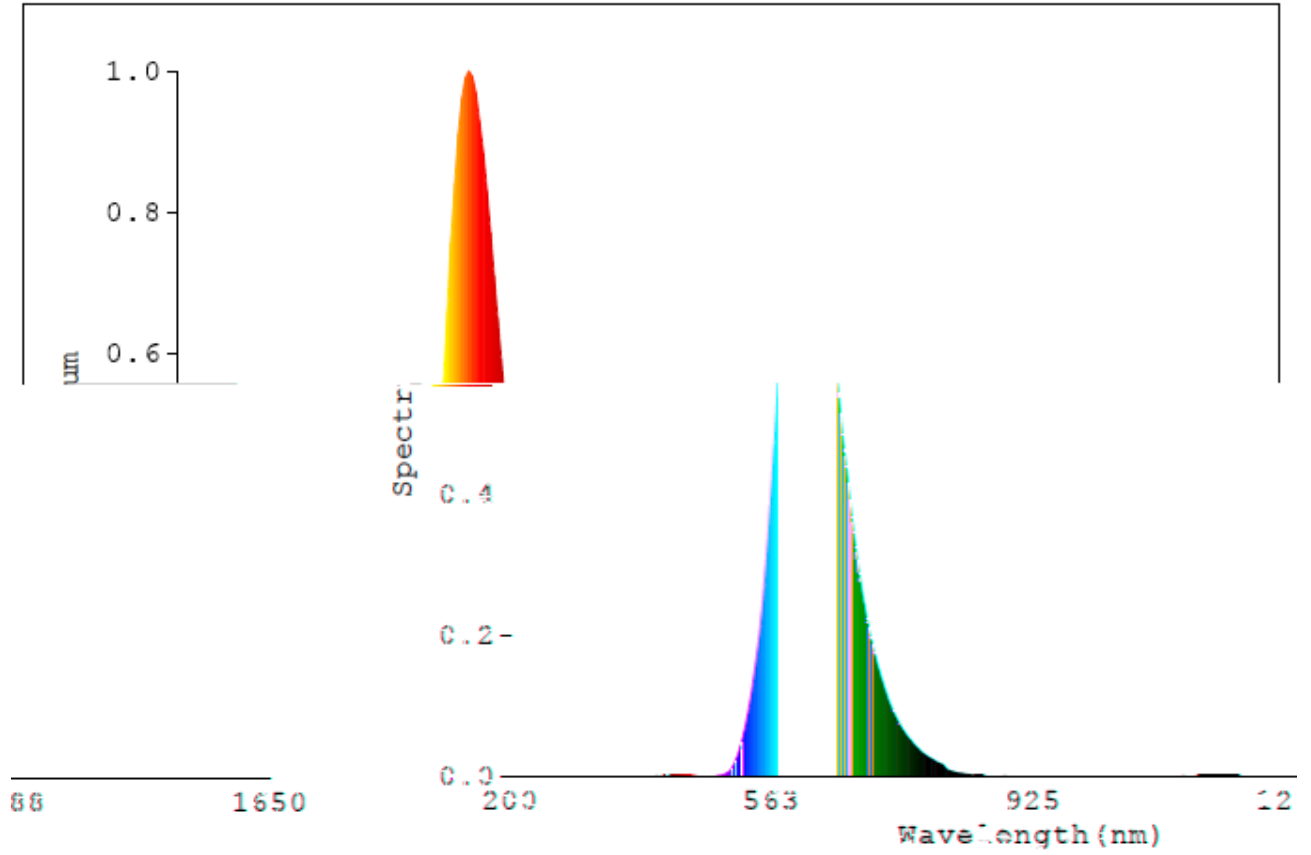
Table 5.4					-
Hazard Name	Relevant equation	Wavelength Range nm	Exposure aperture rad(deg)	Limiting aperture rad(deg)	EL in items of constant irradiance W.m ⁻²
	$\Delta\lambda \sum \lambda$				
	$\Delta\lambda \sum \lambda$		\leq		
	$\Delta\lambda \sum \lambda$		\leq		
	$\sum \lambda \Delta\lambda$		\leq		
	$\sum \lambda \Delta\lambda$			π	

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)
	$\Delta\lambda \sum \lambda$		\geq	$\sqrt{\quad}$ $\sqrt{\quad}$	
	$\Delta\lambda \sum \lambda$			$\sqrt{\quad}$	α α
	$\Delta\lambda \sum \lambda$				α



	-		

FEMVAL



EUT - The overall view



FEM



DIRECTIONS

End of report

FINAL