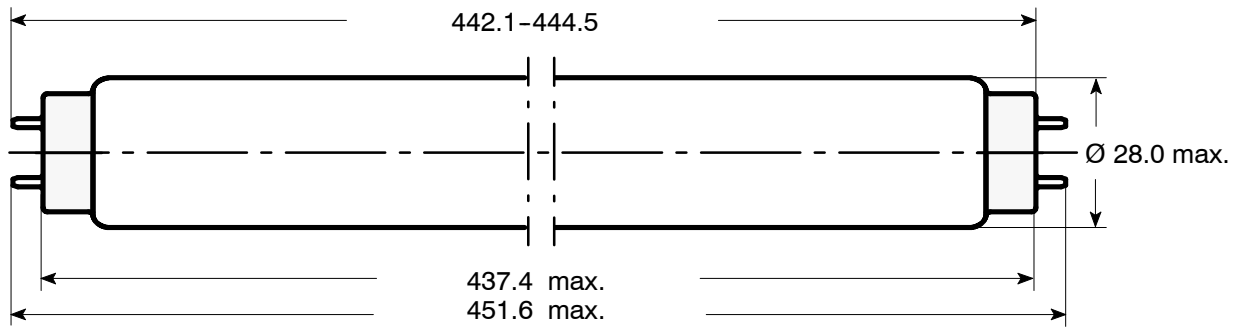




DIMENSIONS [mm] :

dimensions: 450 x 26



Cap: G13 (IEC61-1 sheet 7004-51-7)

ELECTRICAL DATA (at 25° C)

		<u>NOMINAL VALUE</u>	<u>MIN.</u>	<u>MAX.</u>
Frequency	[kHz] :	25	20	
Lamp nominal wattage	[W] :	25		
Lamp operating voltage	[V] :	38	34	42
Lamp current	[mA] :	600	450	700

Start without preheating

Open circuit voltage across lamp [V] : > 500

Start with current controlled preheating

Minimum preheat current i_k [A] to emission time t_e [s] [V]

$i_k = (a / t_e + i_m^2)^{0.5}$ a : 0.390

Maximum preheat current i_m [A] : 0.350

$t \leq 0.4$ [A] : 1.5

$0.4 < t < 2.0$ [A] : 1.700 - 0.500 * t

$t \geq 2.0$: 0.75

Open circuit voltage across lamp $t \leq t_e$ [V] : 120

$t > t_e$ [V] : 280

Substitution resistor for each cathode [Ω] : 8

Operating conditions

Cap rim temperature [°C] : 125

Burning position : any

Ballast (recommended) : KAIWO Cat.-No. EB-325-230-HPF or KAIWO Cat.-No. EB-225-230-HPF-CON

LAMP LIFE *

Average life (50% failure rate) [h] : 10 000

Individual life [h] : 6 000

RADIATION DATA:

Radiation peak at 365 nm

COLOUR	No.	UV-A irradiance 1m distance bare lamp (315-400nm) [μ W/cm ²]	UV-B irradiance 1m distance bare lamp (280-315nm) [μ W/cm ²]	ILCOS-Code
BLACKLIGHT QUANTUM				
average at 0 h		57.8	0.10	XUV/FD25-E-G13-26/450

ATTENTION:

This UV energy source emits UV radiation. Avoid exposure to skin and eyes. Lamps comply with the requirements of IEC/EN 60081 and IEC/EN 61195, respectively. Starter and ballast must comply with IEC/EN 60155 and IEC/EN 60921, respectively. * Life test according to IEC/EN 60081, Annex C.

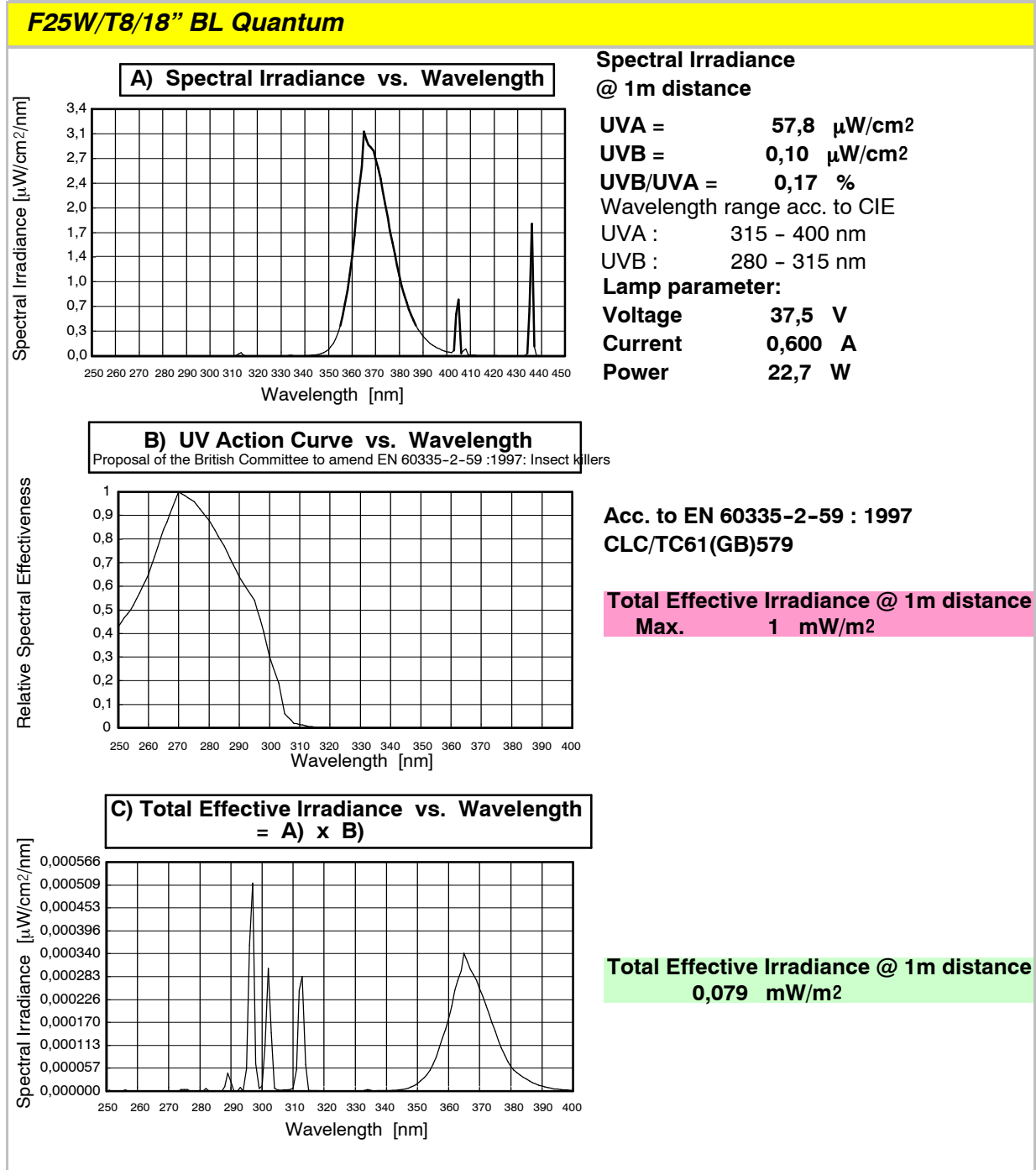
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