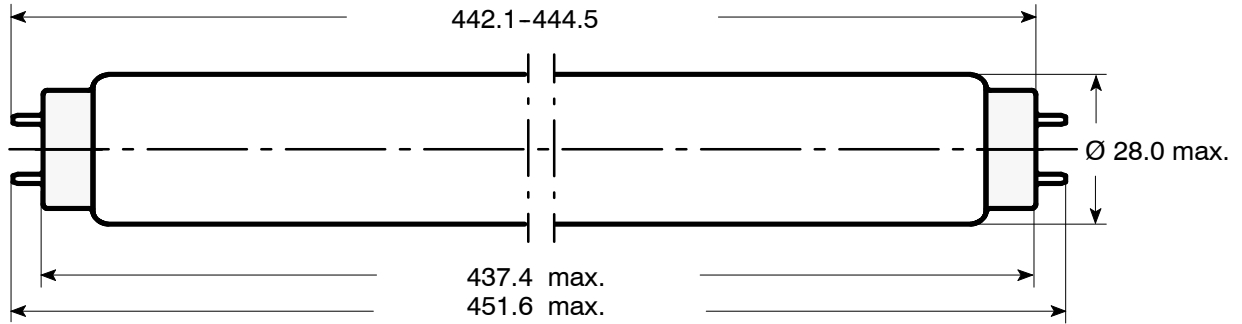


DIMENSIONS (mm) :

Nominal dimensions: 450 x 26



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

ELECTRICAL DATA (at 25° C)

		NOMINAL VALUE	MIN.	MAX.
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	(A) :	0.390	
i_m	(A) :	0.350	

Maximum preheat current	$t \leq 0.4$	(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) ($\mu\text{W}/\text{cm}^2$)	UV-B irradiance 1m distance bare lamp (280-315nm) ($\mu\text{W}/\text{cm}^2$)	ILCOS-Code
BLACKLIGHT QUANTUM				
average at 0 h		57.8	0.10	XUV/FD25-E-G13-26/450

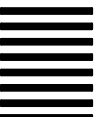
ATTENTION:

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.

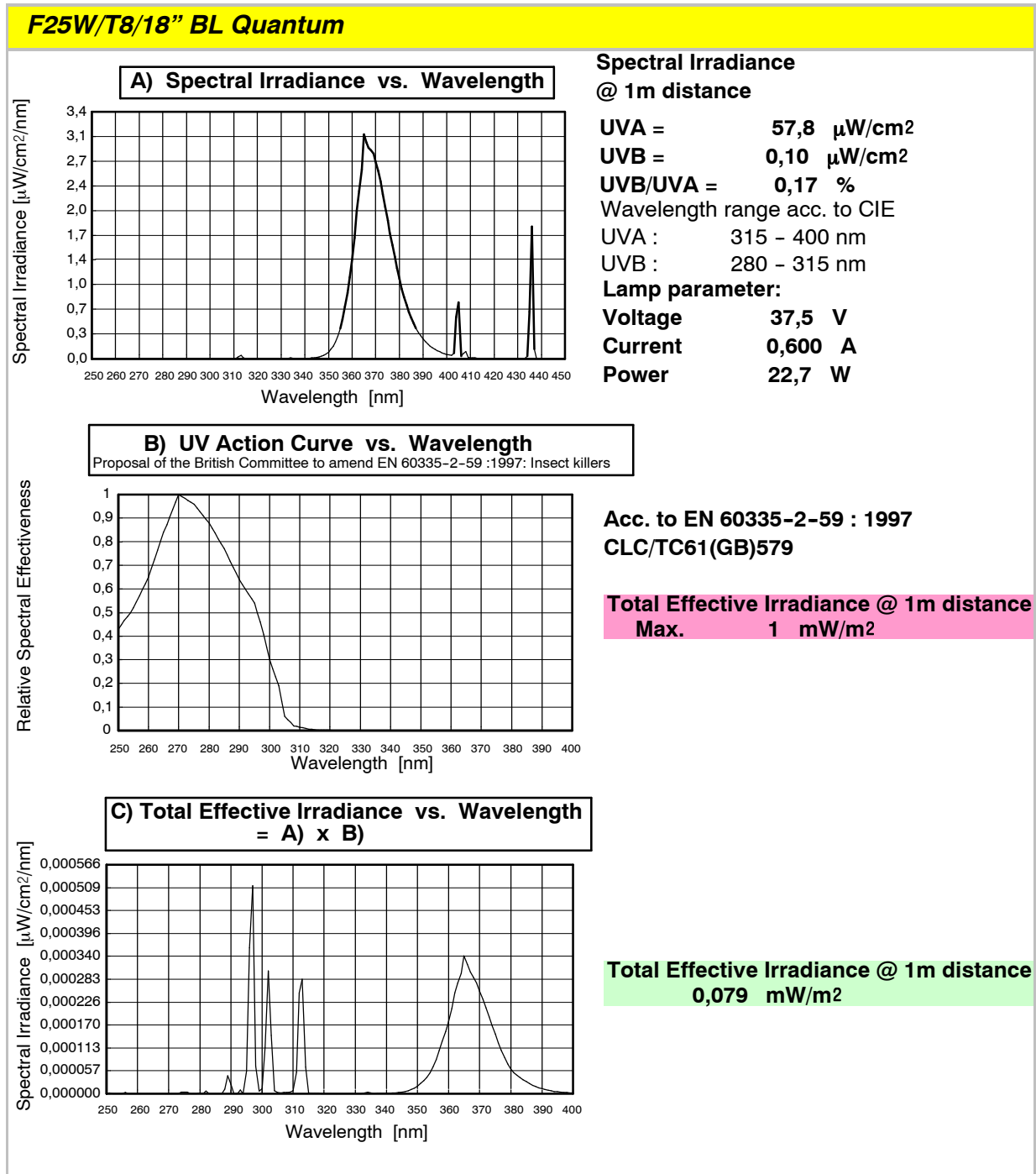
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Evaluation acc. EN60335-2-59



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