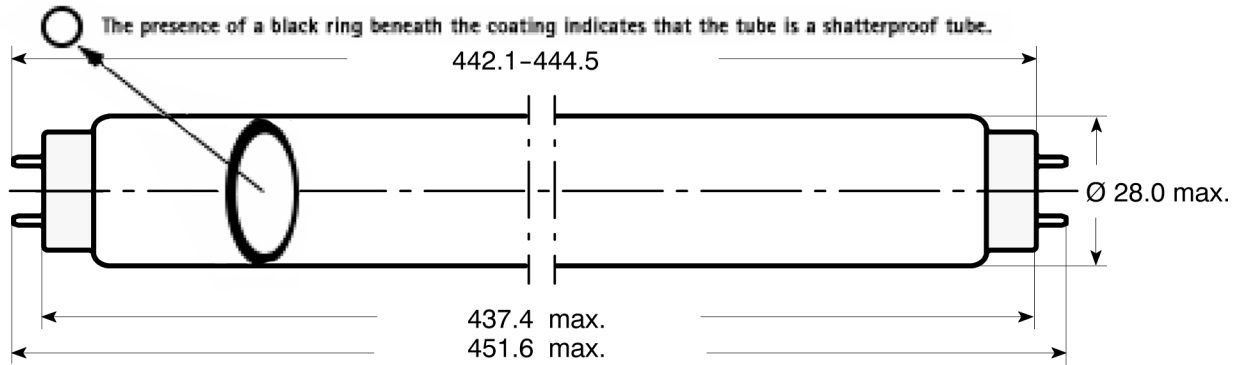


DIMENSIONS [mm] :

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		
	i_m	: 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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DATA SHEET

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