



NAFTA Code: F25 T5 25W PH
Equivalency Code: 25-O-9/3,6

Item Code: 32101

Electrical data (nominal values)

Lamp power	25 W
Supply voltage	230 V
Ballast	25 W / 230 V

Physical data

UVA flux (315-400 nm) $\pm 10\%$	4 W
UVA irradiance (315-400 nm) $\pm 10\%$	4 W/m ²
UVB irradiance (280-315 nm) $\pm 10\%$	45 mW/m ²
UVB/UVA ratio	1,1 %
Recommended useful life	500 hrs

Lamp specifications (acc. IEC/EN 61228)

a) Dimensions (in mm)

Length (nominal)	520,0
Length without pins (max)	516,9
Length base – pin (min)	521,6
Length base – pin (max)	524,0
Length with pins (max)	531,1
Diameter (nominal/max)	16,0 / 16,0
Base	G5 standard

b) Reflector 0

c) Specified ballast Vossloh Schwabe 25W / 230V

d) Electrical data (rated values)

Lamp power	23 W
Lamp current	434 mA
Lamp voltage	65 V

e) Effective irradiance (rated values)

UV-Erythema (250-400 nm) $\pm 15\%$	9 mW/m ²
nmSC (250-320 nm) $\pm 15\%$	10 mW/m ²
nmSC (320-400 nm) $\pm 15\%$	3 mW/m ²

f) Equivalency code 25-O-9/3,6

Construction elements

Mount	SM
Glass type	closed
Light Colour	see picture

Equipment requirements

Starter	25 W / 230 V
Starter $t_{close\ min}$	
Starter $t_{close\ max}$	
Starter $U_{peak\ min}$	
Starter $U_{nonrecl\ max}$	
Cathode $I_{preheat\ min}$	
Cathode $I_{preheat\ max}$	
Operating condition $U_{L\ min}$	
Operating condition $U_{L\ max}$	
Operating condition $I_{L\ min}$	
Operating condition $I_{L\ max}$	

Additional specifications

Examples of exposure times

UVA irradiance in W/m ²	First session tanning time in Min.	Maximum tanning time in Min. by skin type		
		2	3	4
50	18,9	47,3	66,2	85,1
100	9,5	23,6	33,1	42,6
150	6,3	15,8	22,1	28,4
200	4,7	11,8	16,6	21,3
250	3,8	9,5	13,2	17,0

(depending on the actual UVA irradiance of the sunbed)

Relative spectral distribution

