



NAFTA Code: FR71 T12 100W PH
Equivalency Code: 100-R-27/2,7

Item Code: 32229

Electrical data (nominal values)	
Lamp power	100 W
Supply voltage	230 V
Ballast	100 W / 230 V

Physical data	
UVA flux (315-400 nm) ±10%	32 W
UVA irradiance (315-400 nm) ±10%	22 W/m ²
UVB irradiance (280-315 nm) ±10%	125 mW/m ²
UVB/UVA ratio	0,6 %
Recommended useful life	800 hrs

Lamp specifications (acc. IEC/EN 61228)

a) Dimensions (in mm)	
Length (nominal)	1.760,0
Length without pins (max)	1.763,8
Length base – pin (min)	1.768,5
Length base – pin (max)	1.770,9
Length with pins (max)	1.778,0
Diameter (nominal/max)	38,0 / 40,5
Base	G13 standard

b) Reflector 210°

c) Specified ballast Cosmopower S 100W

d) Electrical data (rated values)	
Lamp power	92 W
Lamp current	920 mA
Lamp voltage	115 V

e) Effective irradiance (rated values)	
UV-Erythema (250-400 nm) ±15%	27 mW/m ²
nmSC (250-320 nm) ±15%	28 mW/m ²
nmSC (320-400 nm) ±15%	10 mW/m ²

f) Equivalency code 100-R-27/2,7

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
150	8,1	20,2	28,2	36,3
200	6,0	15,1	21,2	27,2
250	4,8	12,1	16,9	21,8
300	4,0	10,1	14,1	18,1
350	3,5	8,6	12,1	15,6

(depending on the actual UVA irradiance of the sunbed)

Construction elements	
Mount	SM
Glass type	open
Light Colour	see picture

Equipment requirements	
Starter	100 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

