



NAFTA Code: FR79 T12 120W PH
Equivalency Code: 120-R-31/2,7

Item Code: 30994

Electrical data (nominal values)

Lamp power	120 W
Supply voltage	230 V
Ballast	120 W / 230 V

Physical data

UVA flux (315-400 nm) ±10%	35 W
UVA irradiance (315-400 nm) ±10%	22 W/m ²
UVB irradiance (280-315 nm) ±10%	175 mW/m ²
UVB/UVA ratio	0,8 %
Recommended useful life	1000 hrs

Lamp specifications (acc. IEC/EN 61228)

a) Dimensions (in mm)

Length (nominal)	2.000,0
Length without pins (max)	2.001,3
Length base – pin (min)	2.006,0
Length base – pin (max)	2.008,4
Length with pins (max)	2.015,5
Diameter (nominal/max)	38,0 / 40,5
Base	G13 standard

b) Reflector 225°

c) Specified ballast Cosmopower 74201 120W 1,2A 230V

d) Electrical data (rated values)

Lamp power	113 W
Lamp current	1.130 mA
Lamp voltage	119 V

e) Effective irradiance (rated values)

UV-Erythema (250-400 nm) ±15%	31 mW/m ²
nmSC (250-320 nm) ±15%	35 mW/m ²
nmSC (320-400 nm) ±15%	13 mW/m ²

f) Equivalency code 120-R-31/2,7

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
170	6,3	15,9	22,2	28,5
220	4,9	12,2	17,1	22,0
270	4,0	10,0	14,0	18,0
320	3,4	8,4	11,8	15,2
370	2,9	7,3	10,2	13,1

(depending on the actual UVA irradiance of the sunbed)

Construction elements

Mount	SM
Glass type	closed
Light Colour	see picture

Equipment requirements

Starter	120 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

