



NAFTA Code: FR59 T12 80W PH
Equivalency Code: 80-R-30/2,9

Item Code: 30760

Electrical data (nominal values)

Lamp power	80 W
Supply voltage	230 V
Ballast	80 W / 230 V

Physical data

UVA flux (315-400 nm) $\pm 10\%$	0 W
UVA irradiance (315-400 nm) $\pm 10\%$	20 W/m ²
UVB irradiance (280-315 nm) $\pm 10\%$	130 mW/m ²
UVB/UVA ratio	0,65 %
Recommended useful life	800 hrs

Lamp specifications (acc. IEC/EN 61228)

a) Dimensions (in mm)

Length (nominal)	1.500,0
Length without pins (max)	1.500,0
Length base – pin (min)	1.504,7
Length base – pin (max)	1.507,1
Length with pins (max)	1.514,2
Diameter (nominal/max)	38,0 / 40,5
Base	G13 standard

b) Reflector 210°

c) Specified ballast ABB 80-150/23-SF-69 0,87A 230V

d) Electrical data (rated values)

Lamp power	77 W
Lamp current	847 mA
Lamp voltage	105 V

e) Effective irradiance (rated values)

UV-Erythema (250-400 nm) $\pm 15\%$	30 mW/m ²
nmSC (250-320 nm) $\pm 15\%$	31 mW/m ²
nmSC (320-400 nm) $\pm 15\%$	11 mW/m ²

f) Equivalency code 80-R-30/2,9

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
160	7,3	18,3	25,6	32,9
210	5,6	13,9	19,5	25,1
260	4,5	11,2	15,7	20,2
310	3,8	9,4	13,2	17,0
360	3,2	8,1	11,4	14,6

(depending on the actual UVA irradiance of the sunbed)

Construction elements

Mount	SM
Glass type	open
Light Colour	see picture

Equipment requirements

Starter	80 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

This lamp is intended for sun-tanning purposes only and shall not be used in any other application

