TECHNICAL DATA SHEET

Cosmedico®
FIRST CHOICE IN TANNING

COSMOLUX COLYOUR GREEN Premium R 37 100W

NAFTA Code: FR71 T12 100W PH
Equivalency Code: 100-R-37/4,5

Item Code: 32283

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%	23 W
UVA irradiance (315-400 nm) ±10%	16 W/m²
UVB irradiance (280-315 nm) ±10%	202 mW/m²
UVB/UVA ratio	1,3 %
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	880 mA
Lamp voltage	123 V

e) Effective irradiance (rated values)	
UV-Erythema (250-400 nm) ±15%	37 mW/m²
nmsc (250-320 mm) ±15%	51 mW/m²
nmsc (320-400 mm) ±15%	11 mW/m²

f) Equivalency code	100-R-37/4,5

Examples of exposure times

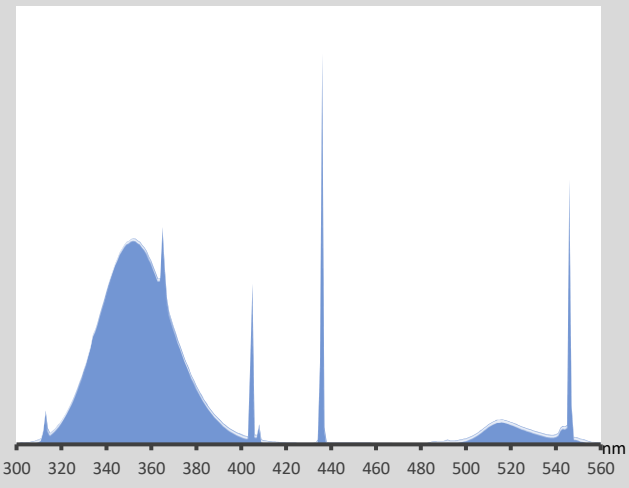
UVA irradiance	First session tanning time	Maximum tanning time in Min. by skin type		
in W/m²	*in Min.*	*2*	*3*	*4*
100	7,1	17,7	24,8	31,8
150	4,7	11,8	16,5	21,2
200	3,5	8,8	12,4	15,9
250	2,8	7,1	9,9	12,7
300	2,4	5,9	8,3	10,6

(depending on the actual UVA irradiance of the sunbed)

Construction elements	
Mount	SM
Glass type	closed
Light Colour	see picture

Equipment requirements	
Starter	100 W / 230 V

Additional specifications

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

Relative spectral distribution