TECHNICAL DATA SHEET

Cosmedico®
FIRST CHOICE IN TANNING

Cosmofit 10K100 R 31 160W

NAFTA Code: FR71 T12 160W HO PH EVG / KVG
Equivalency Code: 160-R-31/1,7

Item Code: 30618

Electrical data (nominal values)	
Lamp power	160 W
Supply voltage	230 V
Ballast	160 W / 230 V

Physical data	
UVA flux (315-400 nm) ±10%	39 W
UVA irradiance (315-400 nm) ±10%	28 W/m²
UVB irradiance (280-315 nm) ±10%	125 mW/m²
UVB/UVA ratio	0,5 %
Recommended useful life	1000 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	225°

c) Specified ballast	Cosmopower S 160W / 230V

d) Electrical data (rated values)	
Lamp power	141 W
Lamp current	1.750 mA
Lamp voltage	92 V

e) Effective irradiance (rated values)	
UV-Erythema (250-400 nm) ±15%	31 mW/m²
nmsc (250-320 mm) ±15%	24 mW/m²
nmsc (320-400 mm) ±15%	14 mW/m²

f) Equivalency code	160-R-31/1,7

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*
330	5,3	13,4	18,7	24,1
380	4,6	11,6	16,3	20,9
430	4,1	10,3	14,4	18,5
480	3,7	9,2	12,9	16,5
530	3,3	8,3	11,7	15,0

(depending on the actual UVA irradiance of the sunbed)

Construction elements	
Mount	SM
Glass type	closed
Light Colour	see picture

Equipment requirements	
Starter	160 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

Relative spectral distribution

