



NAFTA Code: FR71 T12 160W HO PH EVG / KVG
Equivalency Code: 160-R-187/12,0

Item Code: 33072

Electrical data (nominal values)

Lamp power	160 W
Supply voltage	230 V
Ballast	160 W / 230 V

Physical data

UVA flux (315-400 nm) $\pm 10\%$	36 W
UVA irradiance (315-400 nm) $\pm 10\%$	26 W/m ²
UVB irradiance (280-315 nm) $\pm 10\%$	1096 mW/m ²
UVB/UVA ratio	4,3 %
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	139 W
Lamp current	1.766 mA
Lamp voltage	90 V

e) Effective irradiance (rated values)

UV-Erythema (250-400 nm) $\pm 15\%$	187 mW/m ²
nmSC (250-320 nm) $\pm 15\%$	298 mW/m ²
nmSC (320-400 nm) $\pm 15\%$	25 mW/m ²

f) Equivalency code 160-R-187/12,0

Examples of exposure times

UVA irradiance	First session tanning time	Maximum tanning time in Min. by skin type		
<i>in W/m²</i>	<i>in Min.</i>	2	3	4
320	0,8	2,0	2,8	3,7
370	0,7	1,8	2,5	3,2
420	0,6	1,5	2,2	2,8
470	0,6	1,4	1,9	2,5
520	0,5	1,2	1,7	2,2

(depending on the actual UVA irradiance of the sunbed)

Construction elements

Mount	SM
Glass type	open
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

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

