

## Cosmofit+ COLYOUR YELLOW Premium R 30 160W

NAFTA Code: FR71 T12 160W HO PH EVG / KVG  
 Equivalency Code: 160-R-30/2,7

Item Code: 32288

### Electrical data (nominal values)

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

### Physical data

UVA flux (315-400 nm) $\pm 10\%$	30 W
UVA irradiance (315-400 nm) $\pm 10\%$	22 W/m <sup>2</sup>
UVB irradiance (280-315 nm) $\pm 10\%$	188 mW/m <sup>2</sup>
UVB/UVA ratio	0,9 %
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** 225°

**c) Specified ballast** Cosmopower S 160W / 230V

#### d) Electrical data (rated values)

Lamp power	146 W
Lamp current	1.705 mA
Lamp voltage	98 V

#### e) Effective irradiance (rated values)

UV-Erythema (250-400 nm) $\pm 15\%$	30 mW/m <sup>2</sup>
nmSC (250-320 nm) $\pm 15\%$	35 mW/m <sup>2</sup>
nmSC (320-400 nm) $\pm 15\%$	13 mW/m <sup>2</sup>

**f) Equivalency code** 160-R-30/2,7

### Examples of exposure times

UVA irradiance <i>in W/m<sup>2</sup></i>	First session tanning time <i>in Min.</i>	Maximum tanning time in Min. by skin type		
		2	3	4
190	6,0	15,0	21,0	27,0
240	4,8	11,9	16,6	21,4
290	3,9	9,8	13,8	17,7
340	3,4	8,4	11,7	15,1
390	2,9	7,3	10,2	13,2

(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

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

