

## SMART SUN R 100W UVB PLUS CS

Art. Nr.: 1018996-00

Main Application: Tanning  
 Equivalency code: 100-R-66/11,2

### Dimensions:

Lamp Length Nominal [mm]	1760
A max [mm]	1763,8
B min [mm]	1768,5
B max [mm]	1770,9
Diameter Nominal [mm]	38
Base type / color	G13 Bi-Pin coded base / Silver
Reflector angle	210 °

### Electrical Data (nominal values)

Lamp Wattage [W]	100
Lamp Current [A]	0,8
Lamp Voltage [V]	125
Compensation [ $\mu$ F]	10
Ballast	100 W
Recommended Starter	according to EN 60155

### Irradiation Data (nominal values)

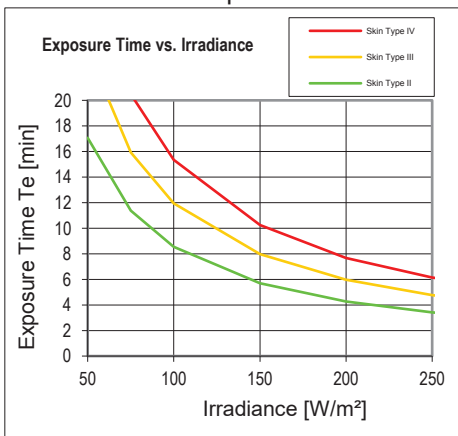
UVA Radiant Flux [W]	19
Typical UV Irradiance in equipment [ $W/m^2$ ] <sup>1)</sup>	130
B/A Ratio (UVB:280-315 nm) <sup>2)</sup>	3,5 %
$E_{er}$ (320-400 nm) [ $mW/m^2$ ]	11,00 $\pm$ 15%
$E_{er}$ (250-320 nm) [ $mW/m^2$ ]	55,30 $\pm$ 15%
NMSC Ratio ( $\leq$ 320 nm / $>$ 320 nm)	11,2
Irradiance 570nm $<$ $\lambda$ $\leq$ 800nm [ $W/m^2$ ] <sup>2)</sup>	3,6

### Other Important Features:

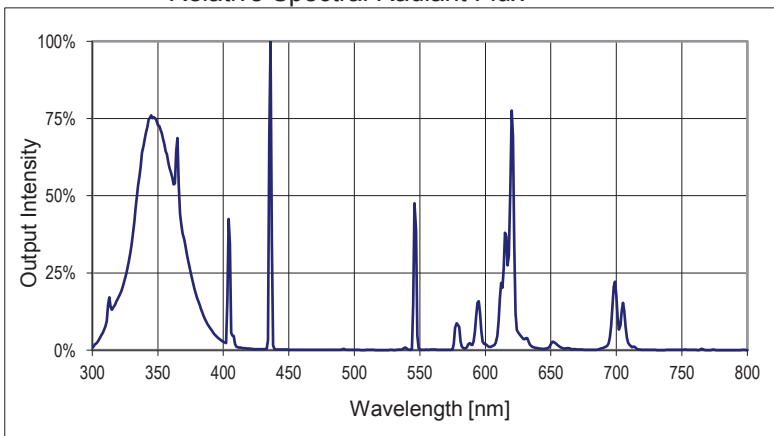
Useful Lifetime ( recommended ) [h]	650
Glass Type of Lamp Bulb:	open
Type of Lamp Mounts:	short mount
Filling Gas:	Argon
Lamp Etch Color:	silver
Lamp Color:	pink



### Recommended Exposure Times <sup>3)</sup>



### Relative Spectral Radiant Flux



LightTech Lamp Technology Ltd.

H-2120 Dunakeszi Hegyrajáró u. 1.

Tel: +36 /27/541-800

Fax: +36 /27/390-099

info@lighttech.hu

[www.lighttech.hu](http://www.lighttech.hu)

1) Please contact the manufacturer of your sunbed for the correct value

2) Just for reference

3) The effective dose is derived from the ultraviolet action curve in accordance with EN 60335 - 2 - 27

Data are given under conditions of optimum UV irradiance according to IEC 61228:2008 . Subject to modification.