

Caribbean Bronze X-Power R 200

FR79 T12 180W HO PH

Item No: 10289

Dimensions

Length (nom.)	2001,0 mm
Length without pins (max.)	2001,3 mm
Length base - pin (min.)	2006,0 mm
Length base - pin (max.)	2008,4 mm
Length with pins (max.)	2015,5 mm
Diameter (max.)	40,4 mm
Base	G13

Electrical Data

Supply voltage:	230 V +/-0,2%
Ballast (nominal):	180W / 230V
Lamp wattage (nominal):	170 W +/-5W
Lamp current (nominal)	2050 mA
Lamp voltage (nominal)	92 V +/-10V

Physical Data

UVA Irradiance (315 - 400 nm) ¹	22,0 W/m ² +/-10%
UVB Irradiance (280 - 315 nm) ¹	250 mW/m ² +/-10%
UVB/UVA ratio	1,1%
E _{er} (250 - 400 nm) ¹	38 mW/m ² +/-15%
Recommended useful life	800 Hours
Output after 500 hrs (based on 1h value)	80% -10%

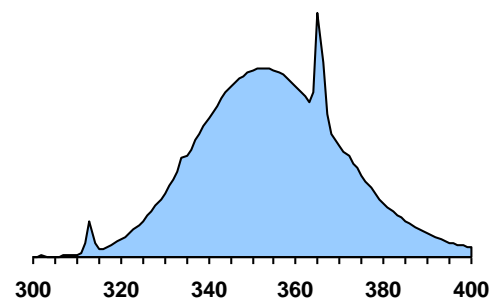
Lamp Specifications

(typical values acc. IEC / EN 61228)

- a) Dimensions
- See dimensions
- b) Reflector: 210°
- c) Specified ballast: Cosmopower S 180W / 230V
- d) Electrical data:
 - Lamp power (typical) 170 W
 - Lamp current (typical) 2050 mA
 - Lamp voltage (typical) 92 V
- e) Effective Irradiance¹
 - UV-erythem (250 - 400 nm) 49 mW/m²
 - NMSC (250 - 320 nm) 47 mW/m²
 - NMSC (321 - 400 nm) 15 mW/m²
- f) Aquivalency code 180-R-49/3,0

¹ acc. IEC measured in a distance of 25 cm to the lamp axis under stable operating conditions

Relative Spectral Distribution



Recommended Exposure Time

UVA irradiance in W/m ²	First session tanning time in minutes	Maximum tanning time in minutes by skin type		
		2	3	4
340	2,8	7,1	9,9	12,8
390	2,5	6,2	8,7	11,1
440	2,2	5,5	7,7	9,9

Typical irradiance of a tanning unit²: 390 W/m²

Data regarding effective dose and recommended tanning times, are basing on norm DIN EN 60335-2-27.

² The tanning unit of reference contains 17 lamps in the bench and 33 lamps in the canopy. The bench is covered by double acrylics and the canopy by a single one. Please contact the equipment manufacturer, for individual irradiance of your solarium. These information are for orientation use only and have to be coordinated / adjusted individually.