

Caribbean Bronze 160W Super Plus

FR71T12 Preheat-Bipin

Article no. 996000137

Lamp Dimensions

Nominal dimension	1800 x 38 mm
Lamp length (nominal)	1760 mm
Length without pins (max.)	1763,8 mm
Length base - pin (min.)	1768,5 mm
Length base - pin (max.)	1770,9 mm
Length with pins	1778,0 mm
Diameter (max.)	40,5 mm
Base	G13 / gold

Electrical Data

Main voltage	230 V +/-0,2%
Ballast nominal	160 W
Lamp wattage (nominal)	145 W +/-5W
Lamp current (nominal)	1.750 mA
Lamp voltage (nominal)	95 V +/-10V

Physical Data

UVA (315 - 400 nm) ¹⁾	23,0 W/m ² +/-10%
UVB (280 - 315 nm) ¹⁾	750 mW/m ² +/-10%
Erythema irradiance ¹⁾	111 mW/m ² +/-15%
Recommended useful life	800 hours
Maintenance after 500 hours	85 % -10%

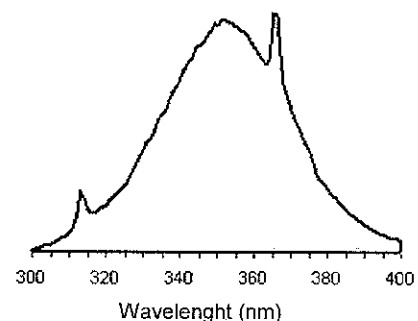
¹⁾ according to IEC at a distance of 25 cm from the lamp axis under stable operation conditions

Lamp Specification

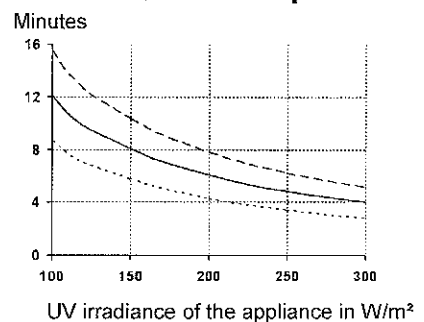
(rated values according to IEC / EN 61228)

- a) Lamp Dimensions:
See Table Lamp Dimensions
- b) Reflector angle 210 °
- c) Ballast for the lamp design
Cosmopower S 160W / 230V
- d) Electrical values:
 - Lamp wattage (rated) 142 W
 - Lamp current (rated) 1.760 mA
 - Lamp voltage (rated) 92 V
- e) Effective irradiance at a distance of 25 cm from the lamp axis
 - UV erythema (250 -400 nm) 139 mW/m²
 - NMSC (250 - 320 nm) 235 mW/m²
 - NMSC (321- 400 nm) 23 mW/m²
- f) Equivalency code 160 -R- 139 / 10,3

Related Spectral Distribution



Recommended Exposure Times



Maximum exposure times for
..... skin type 2 (according to H_{er} = 250 J/m²)
—— skin type 3 (according to H_{er} = 350 J/m²)
- - - skin type 4 (according to H_{er} = 450 J/m²)