

CLEO Advantage F59T12 140W-R XPT

FR59 T12 140W VHO PH

Item No: 926313140

Dimensions

Length (nom.)	1500,0 mm
Length without pins (max.)	1500,0 mm
Length base - pin (min.)	1504,7 mm
Length base - pin (max.)	1507,1 mm
Length with pins (max.)	1514,2 mm
Diameter (max.)	40,4 mm
Base	G13

Electrical Data

Supply voltage:	230 V +/-0,2%
Ballast (nominal):	140W / 230V
Lamp wattage (nominal):	130 W +/-5W
Lamp current (nominal)	1440 mA
Lamp voltage (nominal)	108 V +/-10V

Physical Data

UVA Irradiance (315 - 400 nm) ¹	30,2 W/m ² +/-10%
UVB Irradiance (280 - 315 nm) ¹	1010 mW/m ² +/-10%
UVB/UVA ratio	3,3%
E _{er} (250 - 400 nm) ¹	145 mW/m ² +/-15%
Recommended useful life	1000 Hours

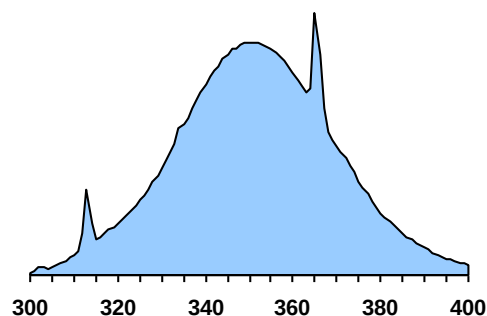
Lamp Specifications

(typical values acc. IEC / EN 61228)

- a) Dimensions
- See dimensions
- b) Reflector: 210°
- c) Specified ballast: Cosmopower S 140W / 230V
- d) Electrical data:
 - Lamp power (typical) 130 W
 - Lamp current (typical) 1440 mA
 - Lamp voltage (typical) 108 V
- e) Effective Irradiance¹
 - UV-erythem (250 - 400 nm) 151 mW/m²
 - NMSC (250 - 320 nm) 250 mW/m²
 - NMSC (321 - 400 nm) 25 mW/m²
- f) Aquivalency code 140-R-151/10,0

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
430	0,8	2,0	2,8	3,6
480	0,7	1,8	2,5	3,3
530	0,7	1,6	2,3	2,9

Typical irradiance of a tanning unit²: 480 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.