iSOLde
Professional tanning lamps

CLEO Performance 40W R

FR24 T12 40W-K PH

Item No: 962835040

Dimensions

Length (nom.)	600,0 mm
Length without pins (max.)	589,8 mm
Length base - pin (min.)	594,5 mm
Length base - pin (max.)	596,9 mm
Length with pins (max.)	604,0 mm
Diameter (max.)	40,4 mm
Base	G13

Electrical Data

Supply voltage:	230 V +/-0,2%
Ballast (nominal):	40W / 230V
Lamp wattage (nominal):	39 W +/-5W
Lamp current (nominal)	956 mA
Lamp voltage (nominal)	46 V +/-10V

Physical Data

UVA Irradiance (315 - 400 nm)[1]	15,5 W/m² +/-10%
UVB Irradiance (280 - 315 nm)[1]	135 mW/m² +/-10%
UVB/UVA ratio	0,9%
Eer (250 - 400 nm)[1]	23 mW/m² +/-15%
Recommended useful life	800 Hours

Lamp Specifications

(typical values acc. IEC / EN 61228)

a) Dimensions
- See dimensions

b) Reflector: 210°

c) Specified ballast: ABB U 65 0,85A 230V

d) Electrical data:

- Lamp power (typical)	39 W
- Lamp current (typical)	956 mA
- Lamp voltage (typical)	46 V

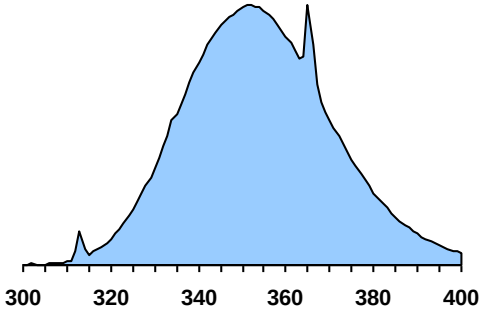
e) Effective Irradiance[1]

- UV-erythem (250 - 400 nm)	25 mW/m²
- NMSC (250 - 320 nm)	27 mW/m²
- NMSC (321 - 400 nm)	11 mW/m²

f) Aquivalency code 40-R-25/2,5

[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/m²	First session tanning time in minutes	Maximum tanning time in minutes by skin type		
		2	3	4
260	4,3	10,7	14,9	19,2
310	3,6	8,9	12,5	16,1
360	3,1	7,7	10,8	13,9

Typical irradiance of a tanning unit[2]: 310 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 5 lamps in the bench and 0 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.