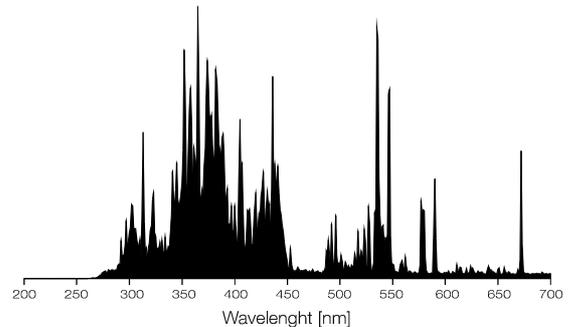


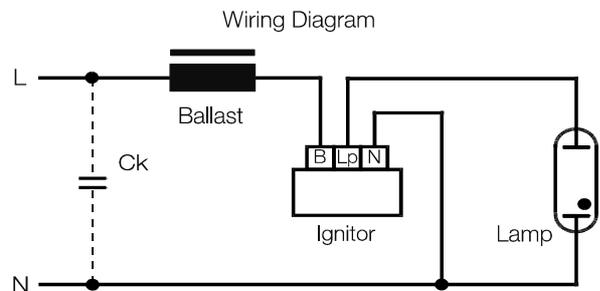
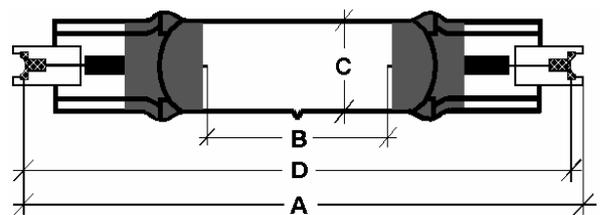
CLEO HPA 400 S

Metal halide lamp for
sun tanning equipment

Typical Relative Spectral Radiant Flux



Article-No.	919220245
Total length (A)	117,9 mm
Glass length (B)	106,5 (± 2) mm
Lighted length (C)	43 mm
Bulb diameter (D)	Ø 16,9 mm
Ceramic base	R7s
Bulb (quartz glass)	FDA
Lamp voltage $U_{Lp.}$	130 V
Lamp wattage $P_{Lp.}$	400 W
Supply voltage	220 V 50 Hz
Starting voltage	min. 3 kV
Intial phase	3 min.
Useful life	approx. 1000 h



The useful life is determined on the operation condition of the lamp (for example type of ballast / ignitor used, on / off cycle, cooling conditions, etc.). We recommend to change the lamps if the reduction of intensity is down to 75% of its original output.

To avoid failure of the lamps they have to be operated in horizontal position ("10°) with adequate cooling. If the following operating temperatures are exceeded, the lamp may be destroyed:

bulb temperature ≤ 950 °C and ≥ 750 °C

seal temperature ≤ 350 °C

Remove contaminations (e.g. finger-prints) with 100% alcohol!

Please note!

Follow sunlamp equipment manufactures instructions. Tubular metal halide lamps emit a very intensive UV-radiation. Filter and safety glasses must be used as eyes and skin may be damaged within seconds otherwise.