

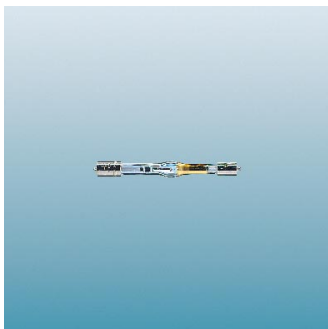
CS 50/4

CS projection lamps consist of a compact mercury vapour discharge tube, characterised by its short arc length and very bright light output. The small quartz envelope is designed for optimum light collection efficiency. The bulb of CS lamps contains tungsten electrodes and argon as a starting gas. CS lamps operate on AC via a standard-type inductive ballast or on DC on a stabilised and regulated supply.

In view of potential explosion risk, CS lamps must always be operated in a suitable (metal) housing, which also allows for proper cooling. Burning positions: CS 100 W/2: vertical +/- 90 degs.; CS 50 W/4, 200 W/4: vertical +/- 45 degs.

**Applications**

- CS: projection purposes plus laboratory and industrial applications.



CS 100/2



CS 200/4

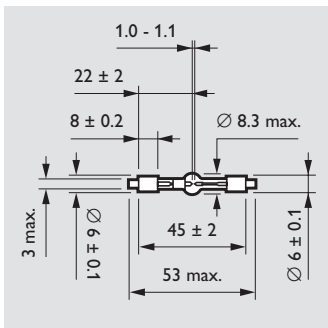


Fig. 1

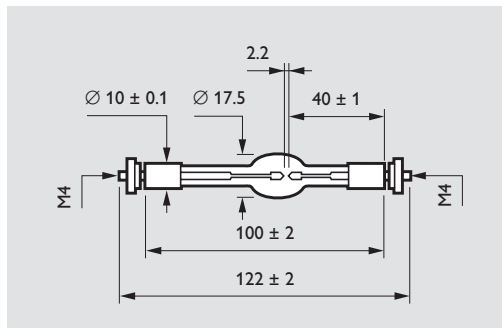


Fig. 2

Dimensions in mm

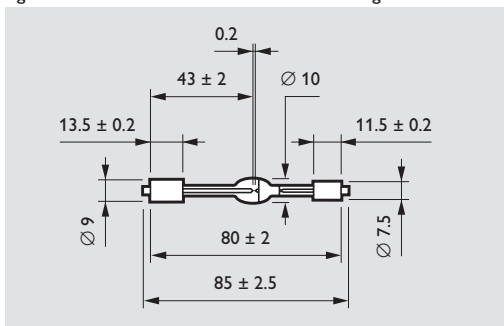
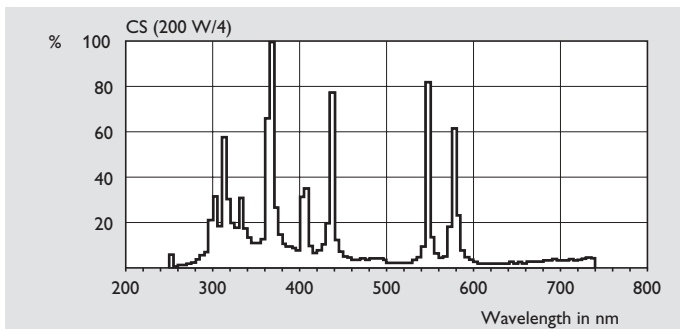
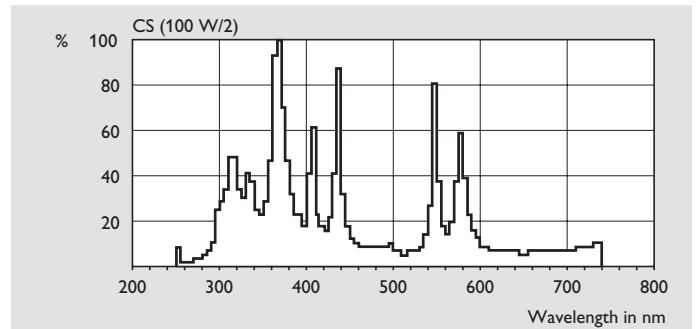
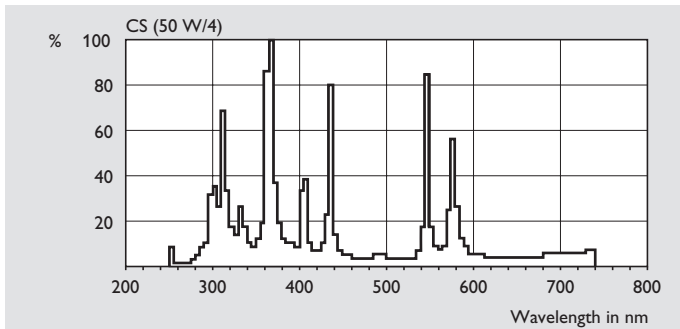


Fig. 3

Type	W	Cap/base	Fig.	Lumen output	Efficacy source	Lamp voltage	Burning position	Lamp life 50%	Lamp current	Maximum permissible base/pinch temp. degr.C	Maximum permissible bulb temp. degr.C	Ordering number
				lm	lm/W	V		h	A			
CS	50W	-4/L1	SFa 6-2	1	2000	40.0	39-45	S9	0100	1.30	200	700 9281 726 05100
CS	50W	-4/L2	SFa 6-2	1	2000	40.0	34-39	S45	100	1.45	200	700 9281 719 05100
CS	100W	2	SFa 7.5-2(KAT)SFa 9.2(ANN)	2	1700	17.0	20	S90	200	5.00	200	700 9281 700 05100
CS	200W	4	SFc10-4	3	9500	47.5	55-67	S90	200	3.60	200	700 9281 713 05100



Spectral power distributions