

Halogen cold mirror reflector lamps

For variable message signs on roads

Special features:

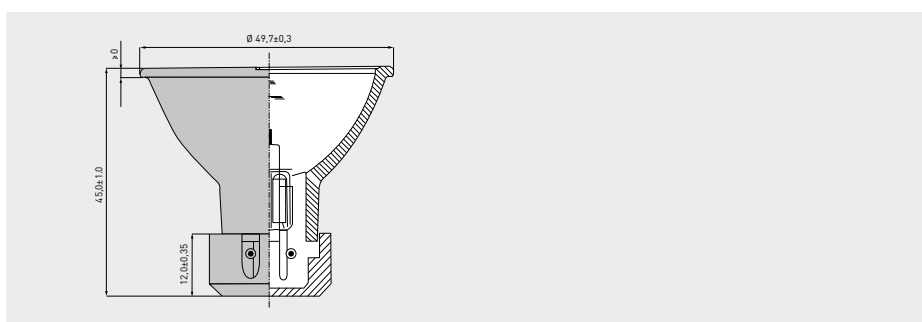
- high-quality materials (quartz glass burner, inert gas filling)
- precision of manufacture, minimum tolerances in the positioning of the filaments
- permanent regeneration of the filaments in the halogen cycle
- 10V 48W also available as long-life (15,000 hours average life)
- flexible connections to facilitate changing

Specific benefits:

- high, virtually constant luminous flux with a high optical level of efficiency throughout their entire lives
- longer life, meaning longer intervals between changing and lower maintenance costs
- high filament stability, which means very good resistance to temperature and other outside influences

Areas of use:

- variable message signs (matrix systems)
- display of recommended speed, danger zones and symbols for road safety



Article no.	Description	V	W	Cap	Bulb diameter max. mm	Total length max. mm	Light center length mm	Luminous ux lm	Average life h	Individual life h (<2% malfunction)	Burning position	PU
00013995	10V 39W KLS	10	39	K23d	50	45		200	6,000	2,400	P90/15	50
00013996	10V 48W KLS	10	48	K23d	50	45		260	6,000	2,400	P90/15	50
60013827	10V 50W KLS	10	50	K23d	50	45		200	3,500	1,400	P90/15	50
60012997	12V 20W KLS	12	20	K23d	50	45		140	3,000	1,200	P90/15	50
00012998	12V 50W KLS	12	50	K23d	50	45		350	3,000	1,200	P90/15	50
00012999	12V 50W KLS	12	50	K23d	50	45		190	3,000	1,200	P90/15	50
60013757	42V 65W KLS	42	65	K23d	50	45		250	6,000	2,400	P90/15	50

