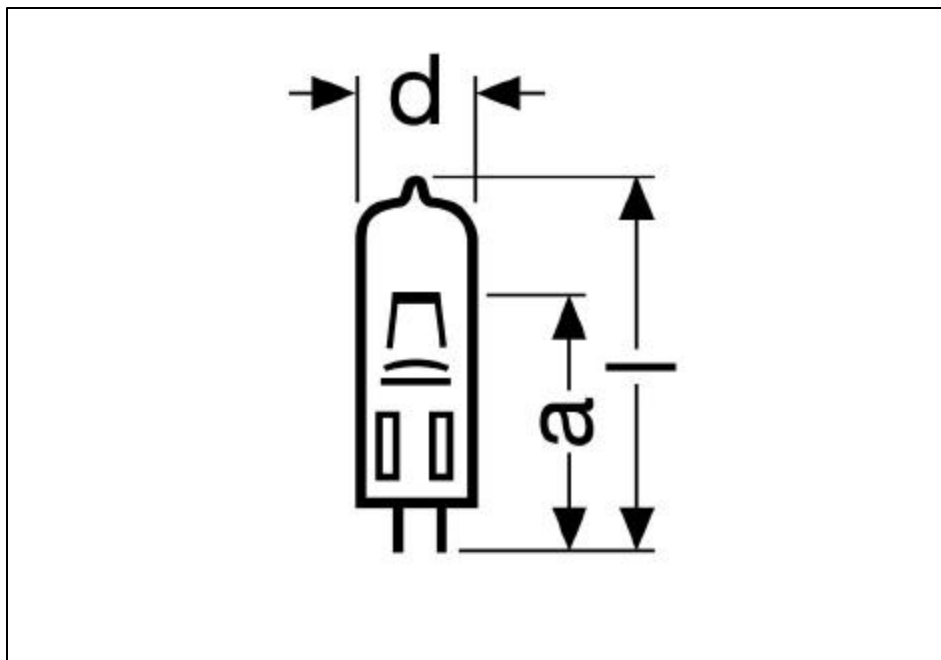


Product Information Bulletin

Microscope LV Lamps

Low Voltage Tungsten Halogen Lamps (Microscope)



Microscope LV Lamps
(NAED 54050, 54025, 54019,
53999, 54023, 54138, 54034,
54028, 54032, 54052, 54036)
Low Voltage Tungsten Halogen
Lamps (Microscope)

- Single end quartz glass
- Legendary OSRAM halogen quality
- XENOPHOT® technology
 - up to 10% higher luminous flux
- Square filament types
 - more even illumination
- Long life version
- G4 / PG22 / G6.35 / GY6.35 bases

Technical Data

Lamp / order reference	ANSI	NAED	Rated wattage (W)	Rated voltage (V)	Luminous flux (lm)	LCL a (mm)	MOL l (mm)	Diameter d (mm)	Filament dimensions (w x h) (mm)	Base	Average service life (hrs)	Operating position
64223		54050	10	6	150	24	38	9	1.5 x 0.7	G4	300	Any
64225	ESA/FHD	54025	10	6	200	19.5	31	9	1.7 x 0.65	G4	100	Any
64250 HLX	ESB	54019	20	6	480	19.5	31	9	2.3 x 0.8	G4	100	Any
New 64265 HLX		53999	30	6	765	19.5	31	9	1.5 X 1.5	G4	100	Any
64261		54023	30	12	750	30	44	11.5	2.6 x 1.3	G6.35	50	Any
64602		54138	50	12	1000	30	44	11.5	3.0 x 3.0	G6.35	1100	s90
64610 HLX	BRL	54034	50	12	1600	30	44	11.5	3.3 x 1.6	G6.35	50	s90
64611 HLX		54028	50	12	1350	30	44	11.5	3.3 x 1.6	G6.35	100	s90
64621 HLX		54032	100	12	2,750	18	48	11.5	4.7 x 2.7	PG22	2,000	s90
64623 HLX	EVA	54052	100	12	2800	30	44	11.5	4.7 x 2.7	GY6.35	2000	s90
64625 HLX	FCR	54036	100	12	3600	30	44	11.5	4.2 x 2.3	GY6.35	50	s90

OSRAM

Ordering Information

Lamp Description	NAED Code	Standard Case Quantity
64223	54050	100/case
64225	54025	100/case
64250 HLX	54019	100/case
64265	53999	100/case
64261	54023	100/case
64602	54138	100/case
64610 HLX	54034	100/case
64611 HLX	54028	100/case
64621 HLX	54032	30/case
64623 HLX	54052	100/case
64625 HLX	54036	100/case

Application Information

Applications

- Microscope
- Optical comparators
- Medical scientific diagnostic equipment

Fixtures

- Leica, Nikon, Olympus, Zeiss

WARNING

The lamp emits ultraviolet (uv) radiation and operates at high internal pressure.

Before use read the complete warning accompanying the product.

Disposal

When disposing of spent lamps, always consult federal, state, local and provincial hazardous waste disposal rules and regulations to ensure proper disposal.

For Orders and
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