

OSRAM SUPRABLACK™



HQV®



L

Your benefits:

- Increased contrast thanks to the black glass bulb which absorbs visible light
- High-pressure ellipsoidal discharge lamp with E27 screw base
- Available as black-light fluorescent lamps with G13 base

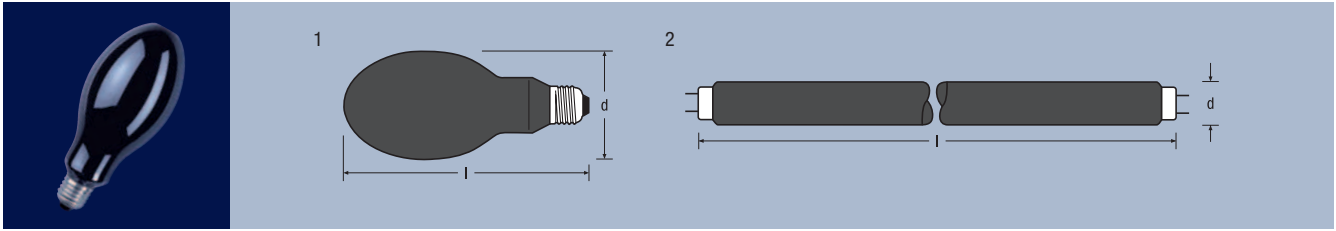
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Revealing light: UV lamps with black-glass bulbs.

SEE THE WORLD IN A NEW LIGHT



TECHNICAL DATA



Product reference	Product number	W	V	A	UVA/W 315- 400 nm	l [mm]	d [mm]			Starter	t [h]*		
OSRAM SUPRABLACK™													
HQV 125	4050300015125	125	230	1.15	22.0	170	75	s180	E27	—	2,000	1	12
L 18/73	4008321054685	18	230	0.37	3.5	590	26	s180	G13	ST 111/ST 171	2,000	2	25
L 36/73	4008321054715	36	230	0.44	8.0	1,200	26	s180	G13	ST 111	2,000	2	25

* Economic lifetime

Information.

UV lamps with black-glass bulbs are used for fluorescence excitation. Both the HQV high-pressure lamp and the L low-pressure lamps with light color 73 emit long-wave UV radiation in the range from 315 to 400 nm which is invisible to the human eye.

OSRAM SUPRABLACK™ lamps in high and low-pressure technology are suitable for a wide range of applications:

- **Material engineering**
Material research with fluorescence solutions, for example for detecting hairline cracks in engine shafts
- **Textile industry**
Material analysis, for example the composition and nature of additives to woolen goods, detection of otherwise invisible stains and dry-cleaning marks
- **Food industry**
Detection of adulterated food, decayed fruit (especially oranges), meat, fish etc.
- **Criminal investigation**
Detection of forged banknotes, cheques and documents or their subsequent alteration (removal of blood stains, forged pictures, etc.)
- **Postal service**
Efficient operation of automatic letter franking, detection of forged postage stamps
- **Effect lighting**
Theater and stage, cabaret, shows, discos, bars, etc.
- **Other applications**
Advertising and shop window decoration, agriculture (examination of seeds for example), mineralogy, examination of gem stones, art history, paleography, diagnostics, etc.

Safety information.

Operating HQV® lamps without an outer bulb or with a damaged outer bulb is dangerous and therefore not permitted.