

OSRAM DULUX® BLUE UVA



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Your benefits:

- Ideal for the tempering of UV-sensitive materials
- Emits effective long-wave UVA light
- Compact size: suitable for installation in static and hand-held devices
- Low energy consumption
- Emission-free and environmentally safe operation

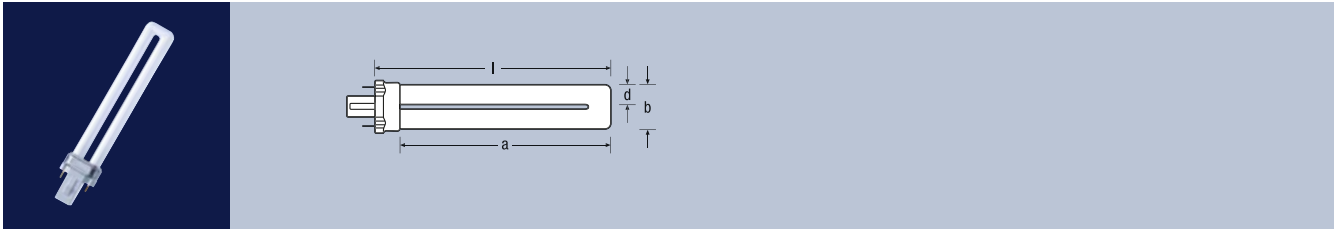
OSRAM DULUX® BLUE UVA

The multi-purpose UVA low-pressure lamps for technical and biological applications.

SEE THE WORLD IN A NEW LIGHT

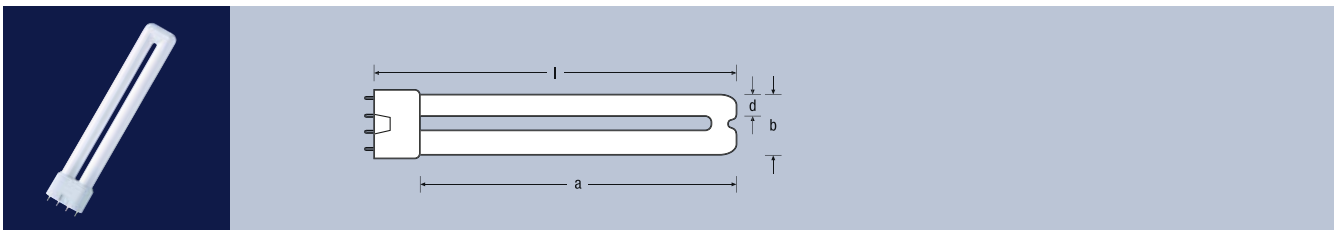


TECHNICAL DATA



Product reference	Product number	W	A	UVA/W 315– 400 nm	l [mm]	a [mm]	b [mm]	d [mm]			t [h]*	
OSRAM DULUX® S BLUE UVA												
DULUX S BLUE UVA 7 W/78	4008321198907	7	0.175	1.2	115	97	27	12	s180	G23	1,000	50
DULUX S BLUE UVA 9 W/78	4008321198938	9	0.170	1.5	145	127	27	12	s180	G23	1,000	50
DULUX S BLUE UVA 11 W/78	4008321198969	11	0.155	1.8	215	197	27	12	s180	G23	1,000	50

* Economic lifetime



Product reference	Product number	W	A	UVA/W 315– 400 nm	l [mm]	a [mm]	b [mm]	d [mm]			t [h]*	
OSRAM DULUX® L BLUE UVA												
DULUX L BLUE UVA 18 W/78	4008321198990	18	0.370	3.0	225	197	38	17.5	s180	2G11	1,000	10

* Economic lifetime

OSRAM DULUX® BLUE UVA Compact fluorescent lamps are suitable for a wide range of applications:

- Tempering of photosensitive plastics
- Surface sealing in the manufacture of dental prosthetics
- Cosmetic nail modeling
- Insect traps
- UV light source in the manufacture of printed circuit boards
- Fluorescence exciter for scientific investigations
- Recognition of forged banknotes and credit cards in combination with black glass filters for contrast enhancement
- Terrarium lighting

Calculation of irradiation times

		DULUX® S BLUE UVA 7 W/78	DULUX® S BLUE UVA 9 W/78	DULUX® S BLUE UVA 11 W/78	DULUX® L BLUE UVA 18 W/78
Radiation flux Φ (315 ... 400 nm)	[W]	1.20	1.50	1.80	3.00
Radiation intensity E (315 ... 400 nm)	[W/m ²]	0.60	0.70	0.90	1.50
UV hazard (NIOSH) ¹	[mW/m ²]	0.14	0.18	0.22	0.36
Max. permitted exposure time to 30 J/m ²	[h]	~ 59	~ 46	~ 38	~ 23

The values shown for radiation intensity refer to a distance of 50 cm from the unprotected lamp in the direction of strongest radiation (see light intensity distribution –90°, +90°)

¹ max. permitted UV hazard dosage during an 8-hour day: 30 J/m²