

DUV35

Features

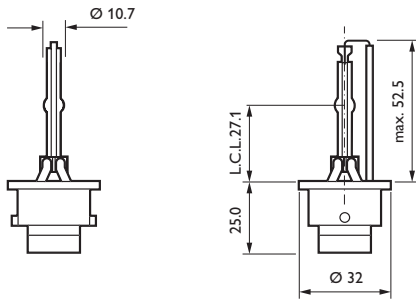
35 W Microdischarge lamps with an arc length of 3.8 mm mounted on a P32d base, according IEC 611: 7004-111-1. They are made for radiation in the UV part of the spectrum.

Ballast/starter

These lamps can only be used in conjunction with an electronic ballast and starter. The lamp DUV 35 is not made for a 'fast run-up mode'. Lamps can be relit right after switch-off (hot restrike).

The ballast must then have sufficient starting voltage and power.

Lamp voltage is approx. 85 V.



DUV35

Dimensions in mm

Type	Lamp wattage	Type	Characteristic life*	UV Output in W			Luminous flux***	Quick start ballast	Starting voltage**	Ordering number
				A	B	C				
DUV 35	35W	DUV 35	500h	4.5W	0.8W	0.37W	1500 lm	no	max. 23 kV	9285 502 29400

* tc (63.3% defects) in cycle 11h 45 min. on / 15 min. off

** at 23 kV: 99.7% of a batch of lamps (average value + 3 sigma) will start.

*** Lumen values for information only; they can vary widely

UV depreciation DUV35

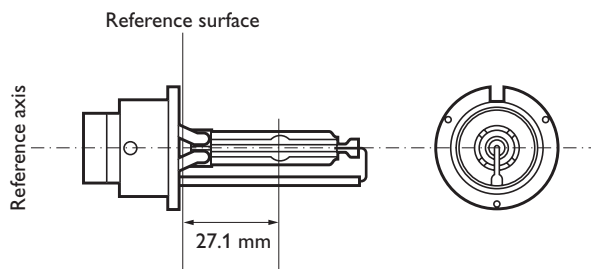
UV depreciation depends on ballast configuration.

Maximum temperatures DUV35

at pinch	350 °C
at outer bulb	850 °C
at lamp base	180 °C

Lamp behaviour over life DUV35

Lamp life and UV output depend greatly on the type of ballast. If gently started the output in UV will be 10% lower after 500 h life. In this mode some lamps live up to 2000 h, then however with only 30% UV output. If a fast run-up ballast (automotive) is used, the lamp will only be able to make 50 starts. More precise information on lamp life can be obtained from ballast manufacturers.



Light Centre Length DUV35

Spectral power distribution

