

PRODUCT FAMILY DATASHEET

High-voltage krypton lamps, road traffic



AREAS OF APPLICATION

- Road traffic signalling systems

PRODUCT BENEFITS

- Excellent optical efficiency thanks to a small cradle diameter
- High luminous efficacy from krypton as filler gas
- Max. premature failure rate: 2 % up to 3,000 h (related to lamp failures only)
- High resistance to shock and vibration thanks to nine supports for the filament

PRODUCT FEATURES

- Lamp base resistant to corrosion
- Long average lamp lifetime: 8,000 h
- Maintenance intervals up to four months possible (depending on installation)

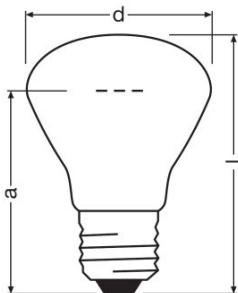


TECHNICAL DATA

Product description	Electrical data	Photometrical data			Dimensions & weight			Additional product data	Certificates & standards
	Nominal wattage	Color temperature	Luminous flux	Color rendering index Ra	Diameter	Overall length	Light center length (LCL)	Base (standard designation)	Energy efficiency class
SIG 1541	60.00 W	2700 K	380 lm	100	62.0 mm	91.0 mm	69.0 mm ¹⁾	E27	E
SIG 1543	75.00 W	2700 K	520 lm	100	62.0 mm	91.0 mm	69.0 mm ¹⁾	E27	E
SIG 1546	100.00 W	2700 K	830 lm	100	62.0 mm	101.0 mm	79.0 mm ¹⁾	E27	E

Product description	Country-specific categorizations
	Order reference
SIG 1541	SIG 1541 CL 60W
SIG 1543	SIG 1543 CL 75W
SIG 1546	SIG 1546 CL 100

¹⁾ Distance from the coil to the top of base



Product line drawing

SAFETY ADVICE

Use only in signal equipment/luminaires that are specially designed for the purpose.
Protect the lamps against moisture during operation and installation.

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LEGAL ADVICE

- Correspond to DIN 49842 part 1 and 3
Meet luminous intensity requirements of DIN 67527-1/EN 12368 (depending on installation)

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.