# PRODUCT DATASHEET
# SIG 1543

## 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)






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## TECHNICAL DATA

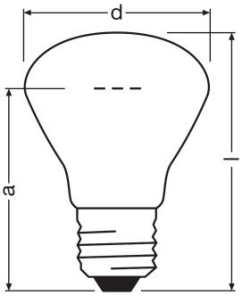
### Electrical data

| | |
|---|---|
| **Nominal wattage** | 75.00 W |
| **Nominal voltage** | 230...240 V |
| **Test voltage** | 235 V |

### Photometrical data

| | |
|---|---|
| **Nominal luminous flux** | 520 lm |
| **Color temperature** | 2700 K |
| **Luminous flux** | 520 lm |
| **Color rendering index Ra** | 100 |

### Dimensions & weight






E27
IEC 7004-21

| | |
|---|---|
| **Diameter** | 62.0 mm |
| **Overall length** | 91.0 mm |
| **Light center length (LCL)** | 69.0 mm [1)] |

[1)] Distance from the coil to the top of base

### Additional product data

| | |
|---|---|
| **Base (standard designation)** | E27 |

### Capabilities

| | |
|---|---|
| **Burning position** | s105 [1)] |

[1)] Only the permissible burning position may be used otherwise the lamp will fail prematurely

### Certificates & standards

| | |
|---|---|
| **Energy efficiency class** | E |

### Country-specific categorizations

| | |
|---|---|
| **Order reference** | SIG 1543 CL 75W |


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## COUNTRY SPECIFIC INFORMATION

| Product code | METEL code | SEG-No. | STK number | UK Org |
|---|---|---|---|---|
| 4050300222578 | OSRSIG1543 | - | 4733763 | - |


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## SAFETY ADVICE

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




## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4050300222578 | SIG 1543 | Folding carton box 1 | 287 mm x 76 mm x 132 mm | 2.88 $dm^3$ | 42.00 g |
| 4050300222585 | SIG 1543 | Shipping carton box 100 | 591 mm x 197 mm x 301 mm | 35.04 $dm^3$ | 4580.00 g |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## 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.


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