PRODUCT DATASHEET
SIG 1546

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

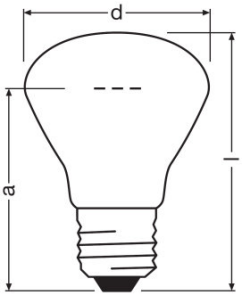
Electrical data

Nominal wattage	100.00 W
Nominal voltage	230...240 V
Test voltage	235 V

Photometrical data

Nominal luminous flux	830 lm
Color temperature	2700 K
Luminous flux	830 lm
Color rendering index Ra	100

Dimensions & weight





E27
IEC 7004-21

Diameter	62.0 mm
Overall length	101.0 mm
Light center length (LCL)	79.0 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 1546 CL 100

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COUNTRY SPECIFIC INFORMATION

Product code	METEL-Code	SEG-No.	STK number	UK Org
4050300222608	-	-	4733755	-

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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
4050300222608	SIG 1546	Folding carton box 1	104 mm x 58 mm x 58 mm	0.35 dm^3	42.90 g
4050300222615	SIG 1546	Shipping carton box 100	596 mm x 222 mm x 301 mm	39.83 dm^3	4698.00 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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