PRODUCT DATASHEET
SIG 1546

High-voltage krypton lamps, road traffic | 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 W
Construction wattage	100.00 W
Nominal voltage	230…240 V
Power factor λ	1.00

Photometrical data

Luminous flux	830 lm
Luminous efficacy	8 lm/W
Color temperature	2700 K
Color rendering index Ra	100
Light color	1027

Light technical data

Starting time	0 s

Dimensions & Weight

Overall length	101.00 mm
Light center length (LCL)	79,0 mm [1)]
Diameter	62 mm
Maximum diameter	61 mm
Product weight	35.00 g

1) Distance from the coil to the top of base

Lifespan

Lifespan	8000 h

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Burning position	s105

Certificates & Standards

Energy efficiency class	E
Energy consumption	100.00 kWh/1000h

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Country-specific categorizations

Order reference	1546

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	101.00 mm
Height	62 mm
Width	62 mm

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	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300222608	Folding box 1	104 mm x 58 mm x 58 mm	42.90 g	0.35 dm^3
4050300222615	Shipping box 100	596 mm x 222 mm x 301 mm	4698.00 g	39.83 dm^3

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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