

PRODUCT DATASHEET

SIG 1238

Low-voltage over-pressure lamps for 10 V systems, road traffic | Low-voltage over-pressure lamps for 10 V systems, road traffic



Areas of application

- Road traffic signalling systems

Product benefits

- Much higher luminous efficacy than high-voltage signal lamps
- Clearly improved lamp quality due to higher gas pressure and inert gas filling
- Leads to reduced power consumption of the signal installation
- High resistance against shock and vibration compared to high-voltage lamps
- Max. premature failure rate: 2 % up to 4,400 h (related to lamp failures only)
- Retrofit for 230 V systems (replace lamp and reflector and install transformer)

TECHNICAL DATA

Electrical data

| | |
|----------------------|---------|
| Nominal wattage | 30 W |
| Construction wattage | 30.00 W |
| Nominal voltage | 10 V |

Photometrical data

| | |
|--------------------------|---------|
| Luminous flux | 400 lm |
| Luminous efficacy | 13 lm/W |
| Color rendering index Ra | 100 |
| Light color | 10 |

Light technical data

| | |
|---------------|-----|
| Starting time | 0 s |
|---------------|-----|

Dimensions & Weight

| | |
|---------------------------|-----------------------|
| Overall length | 67.00 mm |
| Light center length (LCL) | 31,0 mm ¹⁾ |
| Diameter | 36,0 mm |
| Product weight | 18.1 g |

¹⁾ Distance from the coil to the lug of base

Lifespan

| | |
|----------|---------|
| Lifespan | 11000 h |
|----------|---------|

Additional product data

| | |
|-----------------------------|-------|
| Base (standard designation) | BA20s |
| Mercury-free | Yes |
| Design / version | Bulb |

Capabilities

| | |
|------------------|------|
| Burning position | s135 |
|------------------|------|

Country-specific categorizations

| | |
|-----------------|------|
| Order reference | 1238 |
|-----------------|------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|----------|
| Light source cap-type (or other electric interface) | BA20s |
| Length | 67.00 mm |
| Height | 36,0 mm |

| | |
|-------|---------|
| Width | 36,0 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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4050300831794 | Unpacked 1 | 69 mm x 34 mm x 38 mm | 18.10 g | 0.09 dm ³ |
| 4050300238845 | Folding box 10 | 79 mm x 79 mm x 193 mm | 227.00 g | 1.20 dm ³ |
| 4050300238852 | Shipping box 100 | 408 mm x 169 mm x 207 mm | 2002.00 g | 14.27 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.

DISCLAIMER

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