

# PRODUCT DATASHEET

## LED Spot G9 1.9W 2700K

LED SPOT G9 | Ceiling mounted luminaires with adjustable G9 spotlights



### Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Kitchens, workspaces
- Ceiling and wall surface mounting

### Product benefits

- Energy savings of up to 90 % compared to halogen lamp spotlights
- Timeless design
- Flexible thanks to replaceable LED lamps
- Easy mounting

### Product features

- Luminaire family features five versions with up to 6 spot heads
- Housing surface made of brushed nickel
- Diffuser made of frosted glass
- Adjustable head



## TECHNICAL DATA

### Electrical data

|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 1.90 W        |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 16.000 mA     |
| Inrush current                                              | 3.84 A        |
| Max. number of luminaires per miniature circuit breaker B16 | 41            |
| Max. number of luminaires per miniature circuit breaker C10 | 41            |
| Max. number of luminaires per miniature circuit breaker C16 | 66            |
| Power factor $\lambda$                                      | > 0.4         |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 200 lm     |
| Total luminous flux of contained light sources | 200 lm     |
| Luminous efficacy                              | 105 lm/W   |
| Color temperature                              | 2700 K     |
| Light color (designation)                      | Warm White |
| Color rendering index Ra                       | > 80       |
| Standard deviation of color matching           | ≤6 sdcn    |
| Photobiological safety group acc. to EN62778   | RG1        |
| Photobiological safety group acc. to EN62471   | RG1        |
| Beam angle                                     | 300 °      |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 80.00 mm  |
| Width          | 80.00 mm  |
| Height         | 142.00 mm |
| Product weight | 190.00 g  |

### Materials & Colors

|               |          |
|---------------|----------|
| Product color | Silver   |
| Housing color | Silver   |
| Body material | Aluminum |

|                 |        |
|-----------------|--------|
| Cover material  | Glass  |
| Mercury content | 0.0 mg |

### Application & Mounting

|                                        |                |
|----------------------------------------|----------------|
| Ambient temperature range              | -20...+40 °C   |
| Temperature range at storage           | -20...+80 °C   |
| Type of connection                     | Screw terminal |
| Type of protection                     | IP20           |
| Protection class IK (shock resistance) | IK03           |
| Dimmable                               | No             |
| Mounting type                          | Surface        |
| Mounting location                      | Ceiling / Wall |
| Application environment                | Indoor         |
| Adjustable                             | Yes            |
| With light source                      | Yes            |
| Replaceable light source               | No             |
| Holder designation                     | G9             |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 15000 h <sup>1)</sup> |
| Number of switching cycles | 10000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / EAC / UKCA |
| Luminaire with limited surface temperature, "D sign" | No              |

### Additional product data

|                       |                            |
|-----------------------|----------------------------|
| Product remark        | Maximum bulb wattage: 40 W |
| Number of illuminants | 1                          |

### EQUIPMENT / ACCESSORIES

- Equipped with OSRAM LED LAMP EAN 4058075432307
- Complete mounting and connecting accessories included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name    |
|----------------------------------------------------------------------------------|----------------------------------------|------------------|
|  | User instruction / safety instructions | LED SPOT G9      |
|  | Declarations of conformity             | LED SPORT LUM    |
|  | Declarations of conformity             | LED SPOT GU10 G9 |
|  | Declarations of conformity UKCA        | Fixed LUM        |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075540620 | Folding box<br>1             | 125 mm x 100 mm x 110 mm             | 253.00 g     | 1.38 dm <sup>3</sup>  |
| 4058075540637 | Shipping box<br>8            | 265 mm x 215 mm x 245 mm             | 2479.00 g    | 13.96 dm <sup>3</sup> |

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.