

# PRODUCT DATASHEET

## P DIM PIN 40 4 W/2700 K G9

PARATHOM® DIM LED PIN G9 | Dimmable LED lamps with retrofit pin base G9



### Areas of application

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor applications only in suitable luminaires

### Product benefits

- Good all-around light emission
- Very long lifetime of up to 25,000 h
- Ideal for decorative and free-burning applications
- Five year guarantee

### Product features

- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- LED alternative to high voltage halogen lamps



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**TECHNICAL DATA****Electrical data**

|  |             |
|--|-------------|
| Nominal wattage                          | 4 W         |
| Construction wattage                     | 4.00 W      |
| Nominal voltage                          | 220...240 V |
| Claimed equiv. conventional lamp power   | 40 W        |
| Nominal current                          | 23 mA       |
| Type of current                          | AC          |
| Inrush current                           | 0.13 A      |
| Operating frequency                      | 50/60 Hz    |
| Mains frequency                          | 50/60 Hz    |
| Max. lamp no. on circuit break. 10 A (B) | 333         |
| Max. lamp no. on circuit break. 16 A (B) | 533         |
| Total harmonic distortion                | < 150 %     |
| Power factor $\lambda$                   | > 0.70      |

**Photometrical data**

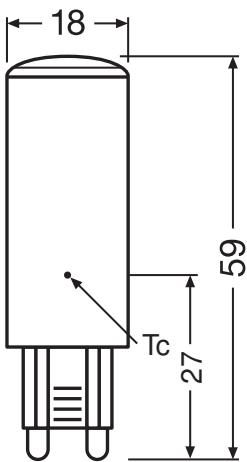
|   |            |
|---|------------|
| Luminous flux                           | 470 lm     |
| Nominal useful luminous flux 90°        | 470 lm     |
| Luminous efficacy                       | 117 lm/W   |
| Lumen main.fact.at end of nom.life time | 0.70       |
| Light color (designation)               | Warm White |
| Color temperature                       | 2700 K     |
| Color rendering index Ra                | ≥80        |
| Light color                             | 827        |
| Standard deviation of color matching    | ≤6 sdcn    |
| Rated LLMF at 6,000 h                   | 0.80       |
| Flickering metric (Pst LM)              | 1.0        |
| Stroboscope effect metric (SVM)         | 0.4        |



Light technical data

|                                    |          |
|------------------------------------|----------|
| Beam angle                         | 320 °    |
| Warm-up time (60 %)                | < 0.50 s |
| Starting time                      | < 0.5 s  |
| Rated beam angle (half peak value) | 320.00 ° |

Dimensions & Weight



|                  |          |
|------------------|----------|
| Overall length   | 59.00 mm |
| Diameter         | 18.00 mm |
| Maximum diameter | 18 mm    |
| Product weight   | 11.00 g  |

Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+40 °C |
| Maximum temperature at tc test point | 87 °C        |

### Lifespan

|                                     |         |
|-------------------------------------|---------|
| Lifespan                            | 25000 h |
| Number of switching cycles          | 100000  |
| Lumen maintenance at end of serv    | 0.70    |
| Rated lamp survival factor at 6,000 | ≥ 0.90  |

### Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | G9     |
| Mercury content             | 0.0 mg |
| Design / version            | Clear  |

### Capabilities

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### Certificates & Standards

|  |                 |
|--|-----------------|
| Energy efficiency class                      | E <sup>1)</sup> |
| Energy consumption                           | 4.00 kWh/1000h  |
| Type of protection                           | IP20            |
| Standards                                    | CE / EAC        |
| Photobiological safety group acc. to EN62778 | RG1             |

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LEDPPIN40D CL 4 |
|-----------------|-----------------|

### LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

### Energy labelling regulation data acc EU 2019/2015

|   |      |
|---|------|
| Lighting technology used                            | LED  |
| Non-directional or directional                      | NDLS |
| Mains or non-mains                                  | MLS  |
| Light source cap-type (or other electric interface) | G9   |
| Connected light source (CLS)                        | No   |

|  |              |
|--|--------------|
| Color-tuneable light source                          | No           |
| Envelope   | No           |
| High luminance light source                          | No           |
| Anti-glare shield                                    | No           |
| Correlated colour temperature type                   | SINGLE_VALUE |
| Standby power  | 0.00         |
| Claim of equivalent power                            | Yes          |
| Length   | 59.00 mm     |
| Height   | 18.00 mm     |
| Width  | 18.00 mm     |
| Chromaticity coordinate x                            | 0.458        |
| Chromaticity coordinate y                            | 0.410        |
| Beam angle   | SPHERE_360   |
| Survival factor                                      | 0.90         |
| LED light source replaces a fluorescent light source | No           |
| EPREL ID   | 522882       |
| Model number   | AC32118      |

### Safety advice

- To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

### DOWNLOAD DATA

#### DOWNLOAD DATA



Declarations of conformity

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075622265 | Folding box<br>1             | 28 mm x 28 mm x 67 mm                | 16.00 g      | 0.05 dm <sup>3</sup>  |
| 4058075622272 | Shipping box<br>20           | 150 mm x 122 mm x 77 mm              | 356.00 g     | 1.41 dm <sup>3</sup>  |
| 4058075622289 | Shipping box<br>120          | 256 mm x 160 mm x 248 mm             | 2271.00 g    | 10.16 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.

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### References / Links

- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
  - For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)
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