

# PRODUCT DATASHEET

## SUNATHOME SPOT PAR16 40 GU10 TW

Sun@Home Lamps | Lamps with Human Centric Lighting Technology



### Areas of application

- Indoor applications
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Enable increased concentration and efficiency
- Improve overall activity level and daytime alertness
- Improve sleeping rhythm and -intensity
- Improve optic convenience
- Enables an improved level of clean-air-safety by killing residential germs and bad odors
- Easy to install and use
- Contains no mercury

### Product features

- Adjustable color temperature via Tunable White: 2,200...5,000 K
- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 9.0)
- Controllable via Google Assistant and Amazon Alexa possible
- Dimmable
- Innovative Fullspectrum SunLike LEDs with CRI95
- SunLike LEDs with reduced Blue Light in LED Spectrum



- Innovative luminaire coating-technology fighting household germs and odors
- Automated biorhythm feature

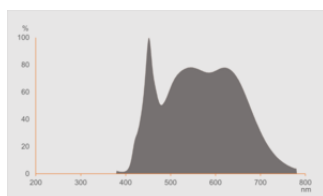
## TECHNICAL DATA

### Electrical data

|                                        |            |
|----------------------------------------|------------|
| Nominal wattage                        | 4.9 W      |
| Construction wattage                   | 4.90 W     |
| Nominal voltage                        | 230 V      |
| Nominal current                        | 50 mA      |
| Operating frequency                    | 50...60 Hz |
| Mains frequency                        | 50...60 Hz |
| Power factor $\lambda$                 | > 0.5      |
| Claimed equiv. conventional lamp power | 40 W       |
| Operating mode                         | AC Mains   |

### Photometrical data

|                                         |               |
|-----------------------------------------|---------------|
| Light color (designation)               | Tunable White |
| Lumen main.fact.at end of nom.life time | 0.95          |
| Standard deviation of color matching    | $\leq 6$ sdcn |
| Nominal luminous flux                   | 268 lm        |
| Luminous flux                           | 268 lm        |
| Luminous efficacy                       | 54 lm/W       |
| Luminous intensity                      | 437 cd        |
| Adjustable color temperature            | 2200...5000 K |
| Color temperature                       | 2200...5000 K |
| Color rendering index Ra                | 95            |
| Flickering metric (Pst LM)              | $\leq 1.0$    |
| Stroboscope effect metric (SVM)         | 0,90          |



### Light technical data

|                     |          |
|---------------------|----------|
| Beam angle          | 38 °     |
| Starting time       | < 0.5 s  |
| Warm-up time (60 %) | < 0.50 s |

### Dimensions & Weight

|                    |          |
|--------------------|----------|
| Product weight     | 45.9 g   |
| Diameter           | 50.00 mm |
| Maximum diameter   | 50 mm    |
| Length             | 54.00 mm |
| Width              | 50.00 mm |
| Height             | 50.00 mm |
| Outer bulb [PICOS] | PAR51    |

### Lifespan

|                                  |         |
|----------------------------------|---------|
| Number of switching cycles       | 100000  |
| Lifespan                         | 25000 h |
| Lumen maintenance at end of serv | 0.70    |

### Colors & materials

|               |             |
|---------------|-------------|
| Product color | Transparent |
| Housing color | Transparent |

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

### Additional product data

|                             |      |
|-----------------------------|------|
| Base (standard designation) | GU10 |
|-----------------------------|------|

### Capabilities

|                                  |                                 |
|----------------------------------|---------------------------------|
| Dimmable                         | Yes                             |
| Compatible smart home technology | Google Assistant / Amazon Alexa |

### Certificates & Standards

|                         |                |
|-------------------------|----------------|
| Energy efficiency class | G              |
| Energy consumption      | 5.00 kWh/1000h |
| Standards               | CE             |
| Type of protection      | IP20           |

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

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Lighting technology used                             | LED             |
| Non-directional or directional                       | DLS             |
| Mains or non-mains                                   | MLS             |
| Light source cap-type (or other electric interface)  | GU10            |
| Connected light source (CLS)                         | yes             |
| Color-tuneable light source                          | yes             |
| Envelope                                             | No              |
| High luminance light source                          | No              |
| Anti-glare shield                                    | No              |
| Correlated colour temperature type                   | RANGE           |
| Networked standby power for CLS                      | < 0.5 W         |
| Claim of equivalent power                            | Yes             |
| Chromaticity coordinate x                            | 0.344           |
| Chromaticity coordinate y                            | 0.347           |
| R9 Colour rendering index                            | > 0             |
| Beam angle correspondence                            | NARROW_CONE_90  |
| Survival factor                                      | 0.9             |
| LED light source replaces a fluorescent light source | No              |
| EPREL ID                                             | 702576          |
| Model number                                         | AC32828,AC32828 |

### EQUIPMENT / ACCESSORIES

- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART + WiFi App, a smart phone or Tablet PC is required

### DOWNLOAD DATA

| DOWNLOAD DATA                                                                      |                            |
|------------------------------------------------------------------------------------|----------------------------|
|  | Declarations of conformity |

## DOWNLOAD DATA



Declarations of conformity



Installation guide



Packaging insert

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075575776 | Folding box<br>1             | 61 mm x 78 mm x 96 mm                | 126.90 g     | 0.46 dm <sup>3</sup>  |
| 4058075575783 | Shipping box<br>4            | 173 mm x 108 mm x 141 mm             | 596.60 g     | 2.63 dm <sup>3</sup>  |
| 4058075627048 | Shipping box<br>32           | 359 mm x 229 mm x 303 mm             | 5020.80 g    | 24.91 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.