PRODUCT DATASHEET
SUN@Home 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
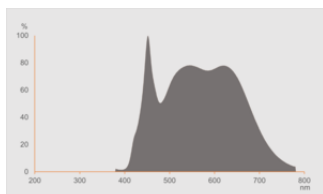– Automated biorhythm feature

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 λ	> 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	≤6 sdcm
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)	≤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

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PDF   Declarations Of Conformity CE

	DOWNLOAD DATA
PDF	Declarations Of Conformity CE
PDF	Installation guide
PDF	Catalogs
PDF	Catalogs
PDF	Catalogs
PDF	Packaging insert

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075575776	Folding box 1	61 mm x 78 mm x 96 mm	126.90 g	0.46 dm³
4058075575783	Shipping box 4	173 mm x 108 mm x 141 mm	596.60 g	2.63 dm³
4058075627048	Shipping box 32	359 mm x 229 mm x 303 mm	5020.80 g	24.91 dm³

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.