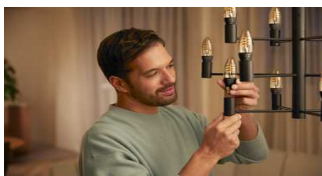


Produktdatenblatt

PHILIPS



41186900 Philips Hue White Amb. Filament E14 Doppelpack

Vintage-Lampen mit angenehm warmweissem Licht, Erweiterungslampe, Steuerung ueber Bluetooth, Voice Control und Bridge, passend in jede Leuchte mit E14 Lampenfassung, Deep Dimming mit einer Helligkeit < 1%
Das klassische Aussehen einer alten Gluehbirne in kleinerem Format. Die Filament Kerze hat einen spiralförmigen inneren Gluehfaden und einen E14-Sockel. Sie eignet sich perfekt, um warmes bis kaltes weisses Licht in kleine Leuchten zu bringen, in denen Du dir den Vintage-Stil mit einer modernen Note wuenscht.

Technische Daten

Max. Wattage	4,6
Sockel	E14
Schutzklasse	Ja
Schutzart	N/A
Volt	220-240
Lumen	350
Kelvin	2200-4500

Artikeldaten

Flammenanzahl	2
---------------	---

Service

Garantie	2 Jahre gesetzl. Gewährleistung
----------	---------------------------------

Design/Materialausführ.

Material	Glass
Grundfarbe	Transparent
Dimmeffekt	Stufenlos dimmbar, 50.000 Weisschattierungen

Energieeffizienz

Kategorie	G
Inkl. Batterie	Nein
Inkl. Dimmschalter	Nein
Inkl. Bridge	Nein

Codes

EAN Artikel	8719514411869
Bestellnummer (EOC)	41186900
10NC	9290031452

>

Verpackungsmaße

Artikel unverpackt in cm (H/B/T)	12,9	3,9	3,9
Verpackung in cm (H/B/T)	17,4	7,2	8,6

Gewichte

Artikelgewicht / kg netto	0,04
Artikel mit Verpackung / kg	0,14

Verschiedenes

Typ	Nein
Kabellänge	N/A
Höhenverstellbar	
Inkl. Leuchtmittel	Ja

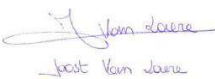
Die Marken sind Eigentum der Signify GmbH oder der jeweiligen Firmen.



Technical Documentation Sheet



Commission Regulation (EU) 2019/2020 - implementing Directive 2009/125/EC regarding
ecodesign requirements for light sources and separate control gears
Commission Delegated Regulation (EU) 2019/2015 - implementing Regulation 2017/1369
regarding Energy Labeling of light sources

General Information	
Report Number	9290031452
Date of issue	22-MAR-2022
Manufacturer Name	Signify Netherlands B.V.
Manufacturer Address	High Tech Campus 48, 5656 AE Eindhoven, The Netherlands
Reporting Engineer	Xia REN
Name and Signature of Authorized Approver	 Jan de Vries

Product identification	
Product Model Identifier	9290031452
Product Name	HueWA Fil Candle E14
Trademark	PHILIPS
Base Model	NA

Reference to harmonized standards and/or other standards
IEC 62612: Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements IEC TR 61547-1: Equipment for general lighting purposes – EMC immunity requirements – Part 1: Objective light flickermeter and voltage fluctuation immunity test method IEC TR 63158: Equipment for general lighting purposes – Objective test method for stroboscopic effects of lighting equipment

Type of Light Source	
Lighting Technology Used	LED
Directional or Non-Directional	NDLS
Mains or Non-Mains	MLS
Connected Light Source	Yes
Colour-Tunable Light Source	No
Envelope	No
High Luminance Light Source	No
With Anti-Glare Shield	No
Dimmable	No

Light Source Properties	
Rated Voltage [V]	220-240
Rated Frequency [Hz]	50/60
Rated Current [mA]	35
Rated Ambient Temperature (T_a) [°C]	25
Additional information on test condition	NA
Additional information on lighting control part or non-lighting part	NA
Pre-cautions regarding light source assemble, install, maintain, or test.	NA

Exemptions	
Exemption description	NA
Technical parameters that make the product design specific to qualify for the exemption	NA

Product parameters - Declared values
General product parameters

Energy consumption in On-mode	[kWh/1000hrs]	5	
Energy efficiency class	[A/B/C/D/E/F/G]	G	
Useful luminous flux (Φ_{use})	[lm]	350	<i>Sphere</i>
Correlated colour temperature (CCT)	[K]	2200-4500	<i>Range</i>
Correlated colour temperature at reference control setting	[K]	2700	
On-mode power (P_{on})	[W]	4.6	
Standby power (P_{sb})	[W]	NA	
Networked standby power (P_{net})	[W]	0.50	
Colour rendering index	[-]	80	
Chromaticity coordinates	x	0.458	
	y	0.410	
Outer dimensions	Height [mm]	129	
	Width [mm]	39	
	Depth [mm]	39	

Parameters for directional light sources

Peak luminous intensity	[Cd]	NA
(Range of) Beam angle(s)	[°]	NA

Parameters for LED and OLED light sources

R9 colour rendering index value	[-]	0
Indicative lifetime L70B50	[hrs]	15000
Survival factor	[-]	0.90
Lumen maintenance factor	[-]	0.93

Parameters for LED and OLED mains light sources

Displacement factor $\cos \phi_1$	[-]	0.60
Colour consistency	[SDCM]	6
Replacement claim	for Fluorescent [W]	No
	for Halogen/Incandescent [W]	30
Flicker metric (P_{st} LM)	[-]	1.0
Stroboscopic effect metric (SVM)	[-]	0.4

Product parameters - Measured values (*)
General product parameters

On-mode power (P_{on})	[W]	4.4
Standby power (P_{sb})	[W]	NA
Networked standby power (P_{net})	[W]	0.18
Useful luminous flux (Φ_{use})	[lm]	392 <i>Sphere</i>
Colour rendering index	[-]	84
Correlated colour temperature	[K]	2777

Parameters for directional light sources

Peak luminous intensity	[Cd]	NA
(Range of) Beam angle(s)	[°]	NA

Parameters for LED and OLED light sources

R9 colour rendering index value	[-]	18
---------------------------------	-----	----

Parameters for LED and OLED mains light sources

Displacement factor $\cos \phi_1$	[-]	1.00
Colour consistency	[SDCM]	4
Flicker metric (P_{st} LM)	[-]	0.0
Stroboscopic effect metric (SVM)	[-]	0.0

Parameters for colour tunable LED and OLED light sources

Excitation Purity Index	Blue [-]	NA
	Green [-]	NA
	Red [-]	NA

(*) Values as measured under reference control setting.

Reference control setting:

2700k

Calculation Explanation

Calculation of Energy Efficiency Class

On-mode power (P_{on})	[W]	4.6	
Useful luminous flux (Φ_{use})	[lm]	350	
Factor total mains (F_{TM})	[-]	1.000	According to Table 2, Annex II of EU 2019/2015
Total mains efficacy (η_{TM})	[lm/W]	76.087	$\eta_{TM} = (\Phi_{use}/P_{on}) \times F_{TM}$
Energy Efficiency Class	[A/B/C/D/E/F/G]	G	According to Table 1, Annex II of EU 2019/2015

Calculation of Energy Consumption

On-mode power (P_{on})	[W]	4.6	
Energy consumption in On-mode	[kWh/1000hrs]	5	Rounded up to integer base on P_{on}

Calculation of P_{onmax}

Useful luminous flux (Φ_{use})	[lm]	350	
Threshold efficacy (η)	[lm/W]	120.0	According to Table 1, Annex II of EU 2019/2020
End loss factor (L)	[W]	2.0	According to Table 1, Annex II of EU 2019/2020
Correction factor (C)	[-]	1.08	According to Table 2, Annex II of EU 2019/2020
Bonus on C:	None	0.00	According to Table 2, Annex II of EU 2019/2020
Efficacy factor (F)	[-]	1.00	1.00 for NDLS, 0.85 for DLS
CRI factor (R)	[-]	1.00	0.65 for CRI ≤ 25; (CRI+80)/160 for CRI > 25, rounded to 2 decimals
P_{onmax}	[W]	5.31	$P_{onmax} = C \times (L + \Phi_{use}/(F \times \eta)) \times R$