

Technical Product Information (EU 2019/2020 and EU 2019/2015)



Supplier's name or trademark:	AVM Computersysteme Vertriebs GmbH		
Model identifier:	FRITZ!DECT 500 (SMLDU -C9-E27 SKYLIGHTING/Chacon)		
Supplier's address:	Alt-Moabit 95 – 10559 Berlin		
Type of light source:	<input checked="" type="checkbox"/> Lamp	<input type="checkbox"/> Luminaire	<input type="checkbox"/> LED module

Light technology used:	<input checked="" type="checkbox"/> LED	Non-directional or directional:		<input checked="" type="checkbox"/> NDLS	<input type="checkbox"/> DLS
Mains or non-mains:	<input checked="" type="checkbox"/> MLS	<input type="checkbox"/> NMLS	Connected light source (CLS):	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Colour-tuneable light source:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	High luminance light source:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Anti-glare shield:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	Light source cap-type (or other electric interface)	E27	
Envelope:	<input checked="" type="checkbox"/> NO		<input type="checkbox"/> Second	<input type="checkbox"/> Non-clear	
Dimmable:	<input type="checkbox"/> YES		<input type="checkbox"/> Only with specific dimmers	<input type="checkbox"/> Non-clear	<input checked="" type="checkbox"/> NO

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1 000 h) rounded up to the nearest integer:	10	Energy efficiency class	F
Useful luminous flux (Φ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	806 <input checked="" type="checkbox"/> Sphere <input type="checkbox"/> wide cone <input type="checkbox"/> narrow cone	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2700-6500K+RGB
On-mode power (P_{on}), expressed in W	9.4W	Standby power (P_{sb}), expressed in W and rounded to the second decimal	<0.5
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	<0,5	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80



Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height 118mm	Width 60mm	Depth 60mm
Spectral power distribution in the range 250 nm to 800 nm, at full-load			
Claim of equivalent power	<input checked="" type="checkbox"/> YES	If yes, equivalent power (W)	60W
Chromaticity coordinates (x and y)	x = 0,313	y = 0,337	

Parameters for directional light sources:

Peak luminous intensity (cd)	x	Beam angle in degrees, or the range of beam angles that can be set	X X.... X
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Parameters for LED and OLED light sources:

R9 colour rendering index value	>0	Survival factor	90%
Lumen maintenance factor	93.11%		

Parameters for LED and OLED mains light sources:

displacement factor (cos ϕ_1)	>0.5	Colour consistency in McAdam ellipses	<6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	<input type="checkbox"/> YES	If yes then replacement claim (W)	xx
Flicker metric (Pst LM)	<1	Stroboscopic effect metric (SVM)	<0.9
Beam angle	200°	lifetime	15000hrs

