

Product Information Sheet



General Information		
Manufacturer Name	Signify Netherlands B.V.	
Manufacturer Address	High Tech Campus 48, 5656 AE Eindhoven, The Netherlands	
Product Model Identifier	9290019531	
Trademark	PHILIPS	
Type of Light Source		
Lighting Technology Used	LED	
Directional or Non-Directional	DLS	
Cap Type (or other electric interface)	GU10	
Mains or Non-Mains	MLS	
Connected Light Source	Yes	
Colour-Tunable Light Source	Yes	
Envelope	No	
High Luminance Light Source	No	
With Anti-Glare Shield	No	
Dimmable	Only with specific dimmers	
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]	230 <i>Narrow cone</i>
Correlated colour temperature (CCT)	[K]	2000-6500 <i>Range</i>
On-mode power (P_{on})	[W]	4.3
Standby power (P_{sb})	[W]	0.00
Networked standby power (P_{net})	[W]	0.50
Colour rendering index	[-]	80
Chromaticity coordinates	x	0.458
	y	0.410
Outer dimensions	Height [mm]	50
	Width [mm]	58
	Depth [mm]	50
Replacement claim	for Halogen/Incandescent [W]	35

Parameters for directional light sources		
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Peak luminous intensity	[Cd]	470
(Range of) Beam angle(s)	[°]	43

Parameters for LED and OLED light sources		
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R9 colour rendering index value	[-]	0
Survival factor	[-]	0.90
Lumen maintenance factor	[-]	0.93

Parameters for LED and OLED mains light sources		
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Displacement factor $\cos \varphi_1$	[-]	0.50
Colour consistency	[SDCM]	6
Replacement claim	for Fluorescent [W]	No
Flicker metric (P_{st} LM)	[-]	1.0
Stroboscopic effect metric (SVM)	[-]	0.4