

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	9290023836A		
Trademark	PHILIPS		
Type of Light Source			
Lighting Technology Used	LED		
Directional or Non-Directional	NDLS		
Cap Type (or other electric interface)	E27		
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/1000h]	8	
Energy efficiency class	[A/B/C/D/E/F/G]	F	
Useful luminous flux (Φ_{use})	[lm]	806	<i>Sphere</i>
Correlated colour temperature (CCT)	[K]	2200-6500	<i>Range</i>
On-mode power (P_{on})	[W]	8.0	
Standby power (P_{sb})	[W]	0.50	
Networked standby power (P_{net})	[W]	0.50	
Colour rendering index	[-]	90	
Chromaticity coordinates	x	0.458	
	y	0.410	
Outer dimensions	Height [mm]	122	
	Width [mm]	60	
	Depth [mm]	60	
Replacement claim	for Halogen/Incandescent [W]	60	

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

Parameters for LED and OLED light sources		
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R9 colour rendering index value	[-]	0
Survival factor	[-]	0.90
Lumen maintenance factor	[-]	0.96

Parameters for LED and OLED mains light sources		
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Displacement factor $\cos \varphi_1$	[-]	0.70
Colour consistency	[SDCM]	6
Replacement claim	for Fluorescent [W]	No
Flicker metric (P_{st} LM)	[-]	1.0
Stroboscopic effect metric (SVM)	[-]	0.4