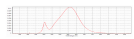


Product information sheet



Supplier's name or trade mark:		Paulmann Licht GmbH		
Supplier's address		Quezinger Feld 2, DE-31832 Springe-Völksen		
Model identifier:		28977		
Type of light source:		LED		
Lighting technology used:	LED	Non-directional or directional:	DLS	
Light source cap-type (or other electric interface)	GU4			
Mains or non-mains:	NMLS	Connected light source (CLS):	no	
Colour-tuneable light source:	no	Envelope:	no cover	
High luminance light source:	no			
Anti-glare shield:	no	Dimmable:	nein	
Product parameters				
Parameter	Value	Parameter	Value	
General product parameters:				
Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer	2	Energy efficiency class:	E	
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°)	184 at 90 °	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	
On-mode power (Pon), expressed in W	1,8	Standby power (Psb), expressed in W and rounded to the second decimal		
Networked standby power (Pnet) for CLS, expressed in W and rounded to the second decimal		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	37	Spectral power distribution in the range 250 nm to 800 nm, at full-load	
	Width	35		
	Depth	35		
Claim of equivalent power	yes	If yes, equivalent power (W)	20 W	
	Chromaticity coordinates (x and y)	0,457		
		0,41		
Parameters for directional light sources:				
Peak luminous intensity (cd)	410	Beam angle in degrees, or the range of beam angles that can be set	36	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	82,4	Survival factor	100	
The lumen maintenance factor	93			
Parameters for LED and OLED mains light sources:				
Displacement factor (cos ϕ_1)	0,71	Colour consistency in McAdam ellipses	SDCM 6	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	no	If yes, then replacement claim (W)		
Flicker metric (Pst LM)		Stroboscopic effect metric (SVM)		