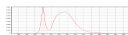


Product information sheet



COMMISSION DELEGATED REGULATION (EU) 2019/2015 on energy labelling of light sources

Supplier's name or trade mark:		Paulmann Licht GmbH	
Supplier's address		Quezinger Feld 2, DE-31832 Springe-Völksen	
Model identifier:		29280	
Type of light source:		LED	
Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	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	5	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°)	450 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 - 4000
On-mode power (P_{on}), expressed in W	4,6	Standby power (P_{sb}), expressed in W and rounded to the second decimal	
Networked standby power (P_{net}) 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	56	Spectral power distribution in the range 250 nm to 800 nm, at full-load 
	Width	50	
	Depth	50	
Claim of equivalent power	yes	If yes, equivalent power (W)	39 W
	Chromaticity coordinates (x and y)	0,38	
		0,38	
Parameters for directional light sources:			
Peak luminous intensity (cd)	650	Beam angle in degrees, or the range of beam angles that can be set	50
Parameters for LED and OLED light sources:			
R9 colour rendering index value	13	Survival factor	0,9
The lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
Displacement factor ($\cos \phi_1$)	0,7	Colour consistency in McAdam ellipses	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 ($P_{\text{st LM}}$)	0,1	Stroboscopic effect metric (SVM)	0,1