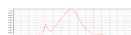


# Product information sheet



Supplier's name or trade mark:		Paulmann Licht GmbH		
Supplier's address		Quezinger Feld 2, DE-31832 Springe-Völksen		
Model identifier:		28330		
Type of light source:		LED		
Lighting technology used:		LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)		GU5,3		
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		4	Energy efficiency class:	G
Useful luminous flux (Φ <sub>use</sub> ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)		200 at 360 °	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 (P <sub>on</sub> ), expressed in W		3	Standby power (P <sub>sb</sub> ), expressed in W and rounded to the second decimal	
Networked standby power (P <sub>net</sub> ) 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	82
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	45	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)	21 W
		Chromaticity coordinates (x and y)	0,459	
			0,417	
Parameters for directional light sources:				
Peak luminous intensity (cd)			Beam angle in degrees, or the range of beam angles that can be set	
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	100
The lumen maintenance factor		80		
Parameters for LED and OLED mains light sources:				
Displacement factor (cos φ1)		0,75	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 (Pst LM)		1	Stroboscopic effect metric (SVM)	0,4