

# Product information sheet



Supplier's name or trade mark:		Paulmann Licht GmbH	
Supplier's address		Quezinger Feld 2, DE-31832 Springe-Völksen	
Model identifier:		29281	
Type of light source:			
Lighting technology used:		Non-directional or directional:	
Light source cap-type (or other electric interface)			
Mains or non-mains:		Connected light source (CLS):	no
Colour-tuneable light source:	no	Envelope:	
High luminance light source:	no		
Anti-glare shield:	no	Dimmable:	
Product parameters			
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer		Energy efficiency class:	
Useful luminous flux ( $\Phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	at	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:	
On-mode power ( $P_{on}$ ), expressed in W		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	
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	
	Width		
	Depth		
Claim of equivalent power	no	If yes, equivalent power (W)	
	Chromaticity coordinates (x and y)		
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)		Beam angle in degrees, or the range of beam angles that can be set	
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value		Survival factor	
The lumen maintenance factor			
<b>Parameters for LED and OLED mains light sources:</b>			
Displacement factor ( $\cos \phi_1$ )		Colour consistency in McAdam ellipses	
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 ( $P_{st} LM$ )		Stroboscopic effect metric (SVM)	