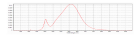


# Product information sheet



<b>Supplier's name or trade mark:</b>		Paulmann Licht GmbH	
<b>Supplier's address</b>		Quezinger Feld 2, DE-31832 Springe-Völksen	
<b>Model identifier:</b>		28991	
<b>Type of light source:</b>		LED	
<b>Lighting technology used:</b>	LED	<b>Non-directional or directional:</b>	NDLS
<b>Light source cap-type (or other electric interface)</b>	S14s		
<b>Mains or non-mains:</b>	MLS	<b>Connected light source (CLS):</b>	no
<b>Colour-tuneable light source:</b>	no	<b>Envelope:</b>	no cover
<b>High luminance light source:</b>	no		
<b>Anti-glare shield:</b>	no	<b>Dimmable:</b>	mit bestimmten Dimmern
Product parameters			
<b>Parameter</b>	Value	<b>Parameter</b>	Value
<b>General product parameters:</b>			
<b>Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer</b>	7	<b>Energy efficiency class:</b>	F
<b>Useful luminous flux (<math>\Phi_{use}</math>), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)</b>	650 at 360 °	<b>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:</b>	2700
<b>On-mode power (<math>P_{on}</math>), expressed in W</b>	7	<b>Standby power (<math>P_{sb}</math>), expressed in W and rounded to the second decimal</b>	
<b>Networked standby power (<math>P_{net}</math>) for CLS, expressed in W and rounded to the second decimal</b>		<b>Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set</b>	80
<b>Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)</b>	<b>Height</b>	300	<b>Spectral power distribution in the range 250 nm to 800 nm, at full-load</b> 
	<b>Width</b>	30	
	<b>Depth</b>	30	
<b>Claim of equivalent power</b>	yes	<b>If yes, equivalent power (W)</b>	50 W
	<b>Chromaticity coordinates (x and y)</b>	0,46	
		0,41	
<b>Parameters for directional light sources:</b>			
<b>Peak luminous intensity (cd)</b>		<b>Beam angle in degrees, or the range of beam angles that can be set</b>	
<b>Parameters for LED and OLED light sources:</b>			
<b>R9 colour rendering index value</b>	8	<b>Survival factor</b>	100
<b>The lumen maintenance factor</b>	94		
<b>Parameters for LED and OLED mains light sources:</b>			
<b>Displacement factor (<math>\cos \phi_1</math>)</b>	0,5	<b>Colour consistency in McAdam ellipses</b>	SDCM 6
<b>Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.</b>	no	<b>If yes, then replacement claim (W)</b>	
<b>Flicker metric (<math>P_{st} LM</math>)</b>	0,4	<b>Stroboscopic effect metric (SVM)</b>	0,4