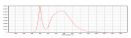
Product information sheet

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:	28904
Type of light source:	LED

Lighting technology used:	LED	**Non-directional or directional:**	NDLS
Light source cap-type (or other electric interface)	G13		
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:**	no

Product parameters

Parameter	Value	**Parameter**	Value
General product parameters:			
Energy consumption in on-mode (kWh/1 000 h), rounded up to the nearest integer	23	**Energy efficiency class:**	F
Useful luminous flux (Φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2350 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:**	4000
On-mode power (Pon), expressed in W	22,5	**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**	1514	**Spectral power distribution in the range 250 nm to 800 nm, at full-load**	
Width	28		
Depth	28		
Claim of equivalent power	yes	**If yes, equivalent power (W)**	144 W
	Chromaticity coordinates (x and y)	0,38	
		0,38	
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	10	**Survival factor**	0,9
The lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
Displacement factor (cos φ1)	0,8	**Colour consistency in McAdam ellipses**	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a p articular wattage.	no	**If yes, then replacement claim (W)**	
Flicker metric (Pst LM)	0,1	**Stroboscopic effect metric (SVM)**	0,1