

Product information sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark:

Brilliant

Supplier's address:

Brilliant AG, Brilliantstraße 1, 27442 Gnarrenburg

Model identifier:

G81196/76

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	/		
Mains or non-mains:	NMLS	Connected light source (CLS):	no
Colour-tuneable light source:	no	Envelope:	-
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	38	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°)	4600 in Sphere (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_{on}), expressed in W	38	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	85

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General product parameters:			
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 see last page
	Width		
	Depth		
Claim of equivalent power	true	If yes, equivalent power (W)	276
		Chromaticity coordinates (x and y)	
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		Survival factor	
the lumen maintenance factor			
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ 1)	0,942	Colour consistency in McAdam ellipses	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0	Stroboscopic effect metric (SVM)	0