Product Information Sheet

General information

Supplier's name or trade mark:	BDSK Handels GmbH & Co. KG,
Supplier's address:	Mergentheimer Straße 59, DE-97084 Würzburg, Germany,
Model identifier:	63600054
The model identifier of all equivalent models already placed on the market (if have)	NA
Identification and signature of the person empowered to bind the supplier	BDSK Handels GmbH & Co. KG,

Technical information

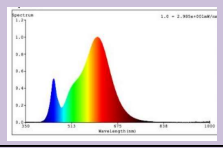
Is light source replaceable?	YES
If no, why? (technical reason)	
Is separate control gear replaceable?	YES
If no, why? (technical reason)	

Type of light source

light source identifier	63600054_Light source(PS-2835LED120-12S)		
Lighting technology used	LED	Non-directional or directional	NDLS
Light source cap-type (or other electric interface)	DC 0.3 A		
Mains or non-mains	NMLS	Connected light source (CLS)	no
Colour-tuneable light source	no	Envelope	no
High luminance light source	no		
Anti-glare shield	no	Dimmable	no

Product parameters of light source

General product parameters:

Energy consumption in on-mode (kWh/1000h)	12		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°)	1300LM Sphere (360°)		Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures	3000
On-mode power (Pon), expressed in W	12		Standby power (Psb), expressed in W	n/a
Networked standby power (Pnet) for CLS, expressed in W	n/a		Colour rendering index	80
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	1	Spectral power distribution in the range 250 nm to 800 nm, at full-load	
	Width	8		
	Depth	500		
Claim of equivalent power	n/a		If yes, equivalent power (W)	n/a
			Chromaticity coordinates (x and y)	x 0.440
				y 0.403

Parameters for directional light sources:

Peak luminous intensity (cd)	n/a	Beam angle in degrees, or the range of beam angles	n/a

Parameters for LED and OLED light sources:

R9 colour rendering index value	2	Survival factor	1.00
the lumen maintenance factor	0.96		

Parameters for LED and OLED for mains light sources:

displacement factor (cos ϕ1)	n/a	Colour consistency in McAdam ellipses	2.0
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	n/a	If yes then replacement claim (W)	n/a
Flicker metric (Pst LM)	n/a	Stroboscopic effect metric (SVM)	n/a

Refer to ANNEX II of EU/2019/2015

Information requirements for light source	
Information to be displayed on the light source itself	
For all light sources, except CTLS, LFL, CFLni, other FL, and HID, the follow value and physical unit shall be displayed in a legible font on the surface if, after the inclusion of safety-related information, there is sufficient space available for it without unduly obstructing the light emission.	On the body of light source
useful luminous flux (lm)	1300LM
correlated colour temperature (K)	3000
beam angle (360°) for DLS	n/a
Information to be visibly displayed on the packaging	
If a light source is placed on the market, not in a containing product, in a packaging containing information to be visibly displayed at a point-of-sale prior to its purchase, the following information shall be clearly and prominently displayed on the packaging	On the package of light source
(a) the useful luminous flux (Φuse) (lm)	1300LM
(b) the correlated colour temperature (K)	3000
(c) the beam angle in degrees for DLS	n/a
(d) electrical interface details	DC 0.3 A
(e) the L70B50 lifetime for LED and OLED light sources	30000h
(f) the on-mode power (Pon) (W)	12.0
(g) the standby power (Psb) (W)	n/a
(h) the networked standby power (Pnet) for CLS (W)	n/a
(i) the colour rendering index	80
(j) if CRI< 80, and the light source is intended for use in outdoor applications, industrial applications or other applications where lighting standards allow a CRI< 80, a clear indication to this effect. For HID light sources with useful luminous flux > 4 000 lm, this indication is not mandatory	n/a
(k) if the light source is designed for optimum use in non-standard conditions (such as ambient temperature Ta ≠ 25 °C or specific thermal management is necessary): information on those conditions	n/a
(l) a warning if the light source cannot be dimmed or can be dimmed only with specific dimmers or with specific wired or wireless dimming methods. In the latter cases a list of compatible dimmers and/or methods shall be provided on the manufacturer's website	n/a
(m) if the light source contains mercury: a warning of this, including the mercury content in mg rounded to the first decimal place	n/a
(n) if the light source is within the scope of Directive 2012/19/EU, without prejudice to marking obligations pursuant to Article 14(4) of Directive 2012/19/EU, or contains mercury: a warning that it shall not be disposed of as unsorted municipal waste	n/a
Items (a) to (d) shall be displayed on the packaging in the direction meant to face prospective buyer; for other items this is also recommended, if space permits	n/a
For light sources that can be set to emit light with different characteristics, the information shall be reported for the reference control settings. In addition, a range of obtainable values may be indicated	n/a
The information does not need to use the exact wording on the list above. Alternatively, it may be displayed in the form of graphs, drawings or symbols	n/a