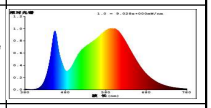
Product information sheet				
Supplier's name or trade mark:	WÜRTH			
Supplier's address (a):	**Würth International AG Aspermontstrasse 1 CH-7000 Chur**			
Model identifier:	**Art. 0976 400 200**			
Type of light source:	**LED**			
Lighting tech[no]logy used:		[LED]	[no]n-directional or directional:	[DLS]
Mains or [no]n-mains:		[MLS]	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				
Parameter		Value	Parameter	Value
General product parameters:				
Energy consumption in on-mode (kWh/1 000 h)		6.5 kWh/1 000 h	Energy efficiency class	[F]
Useful lumi[no]us flux (Φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)		500lm [in a narrow cone (90°)]	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 se	[4000K]
On-mode power (Pon), expressed in W		6.5W	Standby power (Psb), expressed in W and rounded to the second decimal	Not Applicable
Networked standby power (Pnet) for CLS, expressed in W and rounded to the second decimal		Not Applicable	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 [no]n-lighting control parts, if any (millimetre)	Height	43	Spectral power distribution in the range 250 nm to 800 nm, at full-load	
	Width	90		
	Depth	90		
Claim of equivalent power (c)		Not Applicable	If yes, equivalent power (W)	Not Applicable
			Chromaticity coordinates (x and y)	0.38
				0.38
Parameters for directional light sources:				
Peak lumi[no]us intensity (cd)		465	Beam angle in degrees, or the range of beam angles that can be set	60
Parameters for LED and OLED light sources:				
R9 colour rendering index value		>0	Survival factor	≧0.9
the lumen maintenance factor		≧93%		
Parameters for LED and OLED mains light sources:				
displacement factor (cos φ1)		≧0.5	Colour consistency in McAdam ellipses	≤6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Not Applicable	If yes then replacement claim (W)	Not Applicable
Flicker metric (Pst LM)		≤1	Stroboscopic effect metric	≤0.9

(a)

changes to these items shall [no]t be considered relevant for the purposes of point 4 of Article 4 of Regulation (EU) 2017/1369.

(b)

if the product database automatically generates the definitive content of this cell the supplier shall [no]t enter these data.

(c)

'-': [no]t applicable;

'yes': An equivalence claim involving the power of a replaced light source type may be given only:

–

for directional light sources, if the light source type is listed in Table 4 and if the lumi[no]us flux of the light source in a 90 ° cone (Φ90°) is [no]t lower than the corresponding reference lumi[no]us flux in Table 4. The reference lumi[no]us flux shall be multiplied by the correction factor in Table 5. For LED light sources, it shall be in addition multiplied by the correction factor in Table 6;

–

for [no]n-directional light sources, the claimed equivalent incandescent light source power (rounded to 1 W) shall be that corresponding in Table 7 to the lumi[no]us flux of the light source.

The intermediate values of both the lumi[no]us flux and the claimed equivalent light source power (rounded to the nearest 1 W) shall be calculated by linear interpolation between the two adjacent values.

(d)

'-': [no]t applicable;

'yes': Claim that a LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. This claim may be made only if:

–

the lumi[no]us intensity in any direction around the tube axis does [no]t deviate by more than 25 % from the average lumi[no]us intensity around the tube; and

–

the lumi[no]us flux of the LED light source is [no]t lower than the lumi[no]us flux of the fluorescent light source of the claimed wattage. The lumi[no]us flux of the fluorescent light source shall be obtained by multiplying the claimed wattage with the minimum lumi[no]us efficacy value corresponding to the fluorescent light source in Table 8; and

–

the wattage of the LED light source is [no]t higher than the wattage of the fluorescent light source it is claimed to replace.

The technical documentation file shall provide the data to support such claims.