

# Product Information Sheet

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

**Supplier's name or trade mark:** Collets Monde

**Supplier's address:** Importabteilung, Römerstraße 39, 4600 Wels, AT

**Model identifier:** 81811122

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED SMD		
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
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 200 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	2 700 or 4 000 or 6 000
On-mode power ( $P_{on}$ ), expressed in W	10,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,50
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	81
Outer dimensions without separate control gear, lighting control	Height	1	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	53	
	Depth	53	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,459 0,412
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	1	Survival factor	0,90
the lumen maintenance factor	0,95		

(a) : not applicable;

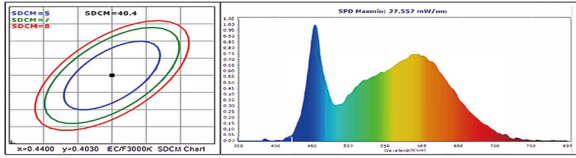
(b) : not applicable;

Spectral test report for lamp

Product type : 81811122 (16052D)-2700K-6000K Light source      Test time : 2024/7/29 17:19:46  
Product No. :      Test equipment : SPEC-3000A Spectrometer  
Manufacturer : TA/VC      Operator : 张强

CIE Color Parameter

Chromaticity coordinates:  $x=0.3599$   $y=0.3541$   $u=0.2205$   $v=0.3254$   $u^*=0.2205$   $v^*=0.4881$   
Color temperature: 4472 K ( $uv=0.00442$ )    Color difference: SDCM/ECF3000:40.4    Main Wt:  $\lambda_d=482.3$  nm    Purity: 0.232  
Peak wavelength:  $\lambda_p=454.3$     FWHM:  $\Delta\lambda_p=26.7$  nm    Color ratio: R<sub>10</sub>: 100, C: 0.764    B: 0.043  
Color rendering index: R<sub>a</sub>=86.4    Color Fidelity: R<sub>f</sub>=84.78    Color Gamut: R<sub>g</sub>=96.16    GAI=97.07  
R1=86.4    R2=93.9    R3=95.5    R4=84.3    R5=86.1    R6=89.0    R7=86.3    R8=89.8  
R9=23.7    R10=83.9    R11=83.7    R12=86.0    R13=89.3    R14=98.4    R15=82.1



Optical Parameter

Luminous flux: 1203.07 lm      luminous efficiency: 100.59 lm/w      Radiant flux: 3.795 W  
Energy efficiency index (EEI): 100.591      Energy efficiency class: F (EU 2019/2015) (EU 874  
MOE=1219.647    MIES1=1074.502

Electrical Parameter

Voltage(V): 230.79    Current(A): 0.0612    Watto(W): 11.960    Power factor: 0.8463

Test Information

Temperature : Deg.C      Humidity :  
Test range : 350-800nm : 1nm      Peak AD : 48108 (73.4%)  
Preheat time : 0(min)      Integral time : 1815.09 (ms)

MEASUREFINE

Hangzhou HuiPu Instrument Co., Ltd. <http://www.measurefine.com>

Model placed on the Union market from 09/02/2026.



**EPREL registration number:** 2571163

<https://eprel.ec.europa.eu/qr/2571163>

**Supplier:** BDSK Handels GmbH & Co. KG (Importer)

**Website:** [www.xxxlgroup.com](http://www.xxxlgroup.com)

**Customer care service:**

**Name:** Importabteilung

**Website:**

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