

Product Information Sheet

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

Supplier's name or trade mark: Sencys

Supplier's address: Customer support, Herikerbergweg 336 - Diana building, 1101 CT Amsterdam, NL

Model identifier: 5414628162616

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	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:

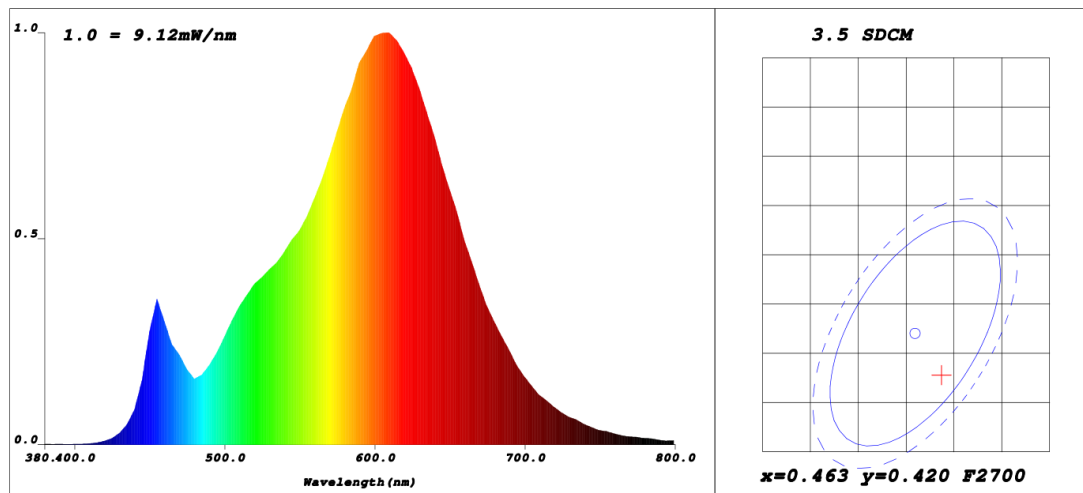
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		3	Energy efficiency class	D
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)		345 in Narrow cone (90°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 700
On-mode power (P_{on}), expressed in W		3,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
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	80
Outer dimensions without separate control gear, light-	Height	53	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	50		
	Depth	50		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	50	
		Chromaticity coordinates (x and y)	0,463 0,420	
Parameters for directional light sources:				
Peak luminous intensity (cd)	647	Beam angle in degrees, or the range of beam angles that can be set	36	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	0,90	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	1,00	Colour consistency in McAdam ellipses	6	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,9	

(a) '-': not applicable;

(b) '-': not applicable;

Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4658$ $y=0.4158$ $u'=0.2640$ $v'=0.5302$ ($duv=1.42e-03$)

CCT: $T_c=2659K$ Pr_{cp} WaveL: $\lambda_d=584.0nm$ Purity=64.6%

Peak WaveL: $\lambda_p=610nm$ Half Width: $\Delta\lambda_p=114.1nm$ Ratio: $R=25.4\%$ $G=72.4\%$ $B=2.2\%$

Average Wave: 598nm

Rendering Index: $R_a=82.5$ $R_a'=77.6$

$R_1=81$ $R_2=92$ $R_3=95$ $R_4=80$ $R_5=81$ $R_6=92$ $R_7=81$ $R_8=57$

$R_9=7$ $R_{10}=83$ $R_{11}=80$ $R_{12}=74$ $R_{13}=84$ $R_{14}=98$ $R_{15}=73$

Photo Parameters:

Flux: $\Phi=410.99(lm)$ Luminous Efficacy: 139.55(lm/W) Luminous Power: $P=1.268(W)$

Electrical Parameters:

$U=230.4V$ $I=0.02895A$ $P=2.945W$ $PF=0.442$

Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

$I_p=22696$ ($G=5, D=87$)

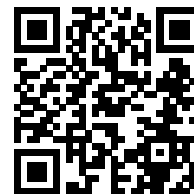
REF = 19580

TMP (PMT) = 28.8degrees centigr Test Mode: Fast Test

Product Type: D级 GU10-2
Instrument: PMS-80 System
Temperature: 25.1deg
Test Operator: Damin

Manufacturer: EVERFINE
Test Department: Everfine
Humidity: 65.0%
Test Date: 2008-04-30 05:31

Model placed on the Union market from 01/03/2024



EPREL registration number: 1864566

<https://eprel.ec.europa.eu/qr/1864566>

Supplier: Maxeda DIY Group B.V. (Manufacturer)

Website: <https://www.maxedadiygroup.com/>

Customer care service:

Name: Customer support

Website:

Email: Customersupport@diymaxeda.com

Phone: +203983333

Address:

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1101 CT Amsterdam
Netherlands