

# Product Information Sheet

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

**Supplier's name or trade mark:** LUXULA

**Supplier's address:** ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

**Model identifier:** LX100235

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	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:	Yes

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
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°)	700 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	2 800
On-mode power ( $P_{on}$ ), expressed in W	7,0	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	80
Outer dimensions without separate control gear, lighting control	Height	69	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	21	
	Depth	21	
			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)	0,440 0,403	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	80	Survival factor	-	
the lumen maintenance factor	-			

(a) : not applicable;

(b) : not applicable;

## Lightsource Test Report

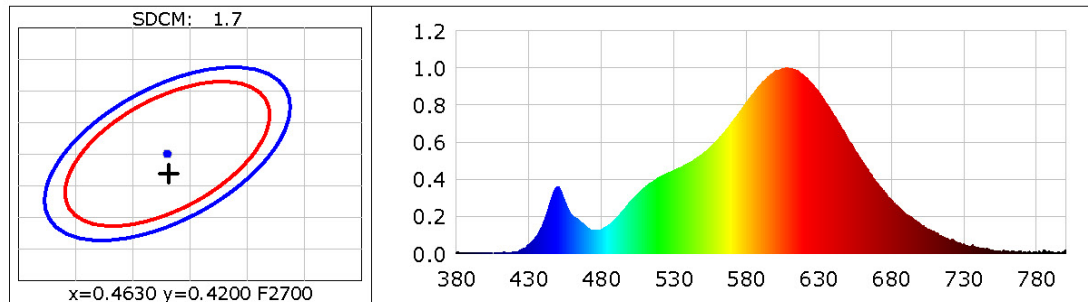
**Product Information**

Product Type: 7W 2800K G9

Product Number: 1

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.4631$   $y=0.4168$   $u(u')=0.2618$   $v=0.3535$   $v'=0.5302$   
 CCT:  $T_c=2703K$  ( $duv=0.00201$ ) Color Ratio: R=0.251 G=0.729 B=0.020  
 Peak Wavelength: 608.1nm Half Bandwidth: 116.6nm  
 Dominant Wavelength: 583.6nm Color Purity: 0.641  
 Central Wave: 601.3nm Gravity Wave: 603.6nm  
 CRI: Ra= 83.1 TM30: Rf= 86, Rg= 96  
 GAI: GAI\_BB\_8=86.6, GAI\_BB\_15=93.6, GAI\_EES=42.1  
 R1 =81 R2 =91 R3 =97 R4 =82 R5 =82 R6 =91 R7 =82 R8 =59  
 R9 =9 R10=80 R11=83 R12=74 R13=83 R14=99 R15=73  
 Color Quality Scale: Qa= 83.5, Qf= 86.1, Qp= 83.8, Qg= 89.3  
 Q1 =77 Q2 =94 Q3 =86 Q4 =84 Q5 =85 Q6 =85 Q7 =85 Q8 =88  
 Q9 =95 Q10=91 Q11=89 Q12=86 Q13=84 Q14=72 Q15=74



**Photometric Parameters**

Luminous Flux: 858.20 lm Efficiency: 122.60 lm/W Radiant Power: 2.608 W  
 Total mains efficacy: 122.60 lm/W Energy Efficiency Class: E (EU 2019/2015)

**Electric Parameters**

Voltage: 230.00V Current: 0.0580A Power: 7.00W  
 Power Factor: 0.6180 Frequency: 50.00Hz

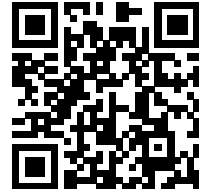
**Test Information**

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T  
 Max of Signal: 44756 (3809) CCD Integration Time: 577.23 ms

Condition: Tx:34.7°C, Ti:33.3°C, R.H.:60%  
 Test Lab:  
 Operator:

Test Device: CMS-2S (Plus)  
 Test Time: 2024-07-12 08:38:12  
 Inspector:

Model placed on the Union market from 01/10/2024



**EPREL registration number:** 2098399

<https://eprel.ec.europa.eu/qr/2098399>

**Supplier:** ENOVATEK GmbH (Importer)

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Customer care service:**

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