

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: LX100236

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
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°)	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	4 000
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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,380 0,380	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	80	Survival factor	-	
the lumen maintenance factor	-			

(a) : not applicable;

(b) : not applicable;

Lightsource Test Report

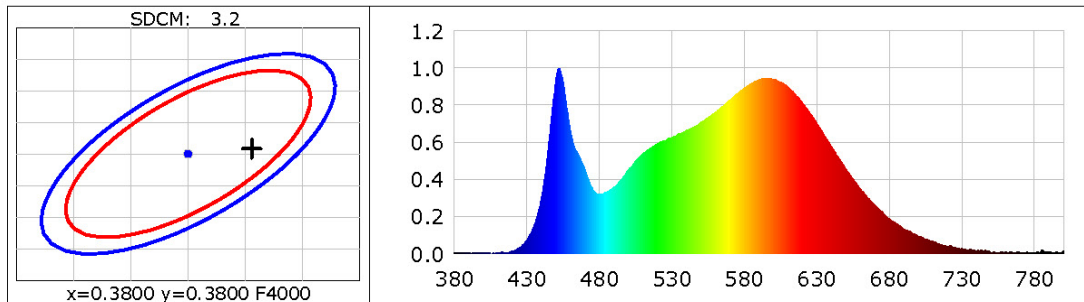
Product Information

Product Type: 7W 4000K G9

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3856$ $y=0.3808$ $u(u')=0.2268$ $v=0.3361$ $v'=0.5041$
 CCT: $T_c=3894K$ ($duv=0.00043$) Color Ratio: $R=0.188$ $G=0.773$ $B=0.039$
 Peak Wavelength: 452.2nm Half Bandwidth: 23.8nm
 Dominant Wavelength: 579.2nm Color Purity: 0.300
 Central Wave: 455.8nm Gravity Wave: 454.5nm
 CRI: $R_a=83.7$ TM30: $R_f=84$, $R_g=94$
 GAI: $GAI_BB_8=90.6$, $GAI_BB_15=98.0$, $GAI_EES=69.9$
 R1 =82 R2 =92 R3 =96 R4 =81 R5 =83 R6 =89 R7 =84 R8 =62
 R9 =7 R10=81 R11=81 R12=65 R13=85 R14=98 R15=75
 Color Quality Scale: $Q_a=83.3$, $Q_f=83.8$, $Q_p=82.2$, $Q_g=91.3$
 Q1 =80 Q2 =97 Q3 =83 Q4 =78 Q5 =82 Q6 =84 Q7 =86 Q8 =89
 Q9 =97 Q10=92 Q11=88 Q12=85 Q13=84 Q14=72 Q15=75



Photometric Parameters

Luminous Flux: 857.208 lm Efficiency: 126.06 lm/W Radiant Power: 2.335 W
 Total mains efficacy: 126.06 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.00V Current: 0.0290A Power: 6.80W
 Power Factor: 0.6140 Frequency: 50.00Hz

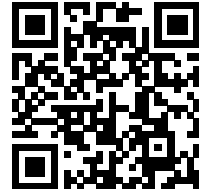
Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 45514 (3211) CCD Integration Time: 665.78 ms

Condition: $T_x:29.9^{\circ}C$, $T_i:29.3^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time: 2024-07-31 15:46:20
 Inspector:

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



EPREL registration number: 2098405

<https://eprel.ec.europa.eu/qr/2098405>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

Email: info@enovatek.de

Phone: +49 4461 / 7464233

Address:

Sillensteder Straße 213

26441 Jever

Germany