

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: LX800100

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	SMD 2835		
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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	E
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°)	4 700 in Wide cone (120°)	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	50,0	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	92	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	139	
	Depth	412	
			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 directional light sources:			
Peak luminous intensity (cd)	2 915	Beam angle in degrees, or the range of beam angles that can be set	100
Parameters for LED and OLED light sources:			
R9 colour rendering index value	80	Survival factor	-
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	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;

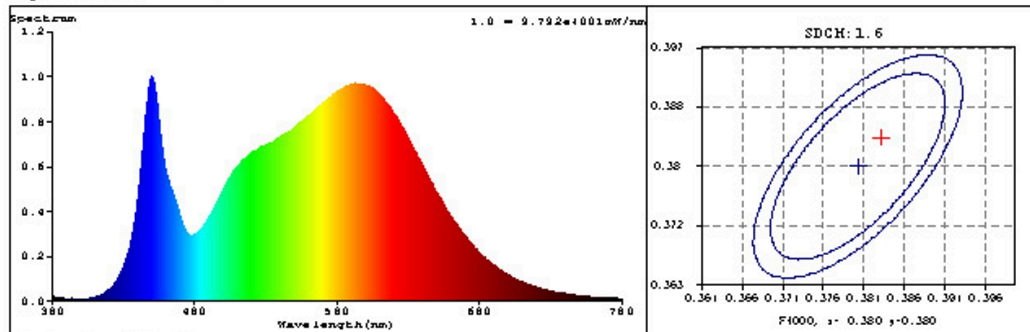
Spectrum Test Report

Sample :	Date : 2024-09-28 15:35:01
Specification :	Sam. Status :
Sample No. : LX800100	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Assessor : damin	Test by : DAMIN
Remark : --	

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 50791 (78%)
Test Mode : Fast Test	T : 423 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3829$ $y = 0.3841$ / $u' = 0.2238$ $v' = 0.5051$ ($duv=2.69e-03$)

CCT= 3988K Prcp WL: Ld=577.8nm Purity=30.2%

Peak WL: Lp=450nm FWHM: =22.8nm Ratio:R=18.3% G=78.1% B=3.6%

Render Index: Ra = 83.4

EEL: 0.12068 A+

R1 =81 R2 =89 R3 =96 R4 =83 R5 =82 R6 =86 R7 =86

R8 =64 R9 =7 R10=75 R11=82 R12=64 R13=83 R14=98 R15=74

Photometric & Radiometric Parameters

Flux = 5471.5 lm Eff. : 112.88 lm/W Fe = 16.461 W

Electrical parameters

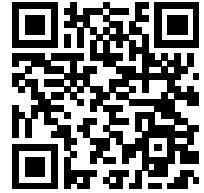
V = 230.04 V I = 0.2132 A P = 48.47 W PF = 0.9885 F=64.98 Hz

Kdisp(IEC) = 0.9928

EVERFINE CORPORATION

<http://www.everfine.cn>

Model placed on the Union market from 31/05/2024



EPREL registration number: 1997317

<https://eprel.ec.europa.eu/qr/1997317>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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