

# 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:** LX800110

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	60	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°)	6 000 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	3 000
On-mode power ( $P_{on}$ ), expressed in W	60,0	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	70
Outer dimensions without separate control gear, lighting control	Height	120	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	380	
	Depth	380	
			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	70	Survival factor	-
the lumen maintenance factor	0,70		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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)	-

(a)-: not applicable;

(b)-: not applicable;

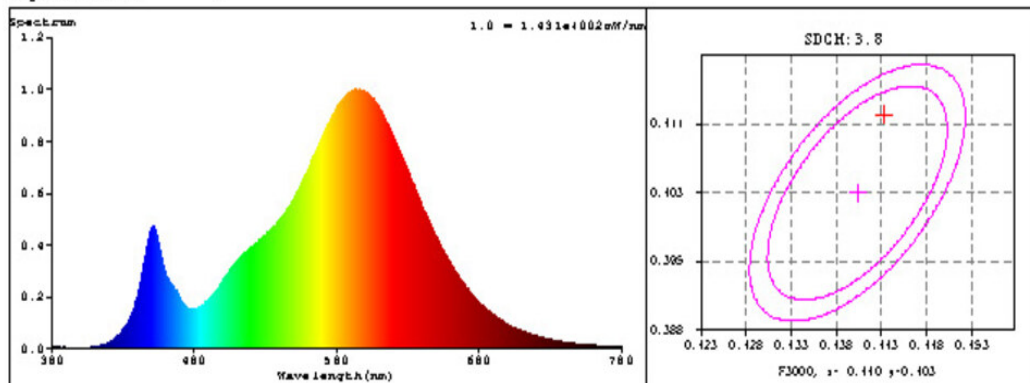
## Spectrum Test Report

Sample :	Date : 2024-07-22 15:18:20
Specification :	Sam. Status :
Sample No. LX800110	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Assessor : damin	Test by : DAMIN
Remark : --	

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 48001 (73%)
Test Mode : Accuracy Test	T : 299 ms

**Spectrum** : High



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4429$   $y = 0.4117$  /  $u' = 0.2512$   $v' = 0.5252$  ( $duv=2.19e-03$ )

CCT= 2963K Prcp WL: Ld=582.3nm Purity=56.5%

Peak WL: Lp=593nm FWHM: =103.6nm Ratio:R=21.5% G=76.3% B=2.2%

Render Index: Ra = 73.0

EEL: 0.11690 A+

R1 =69 R2 =85 R3 =95 R4 =68 R5 =69 R6 =81 R7 =76

R8 =41 R9 =0 R10=67 R11=64 R12=58 R13=72 R14=97 R15=60

### Photometric & Radiometric Parameters

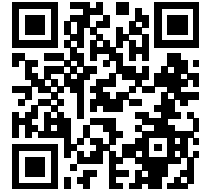
Flux = 6678.3 lm Eff. : 116.52 lm/W Fe = 18.769 W

### Electrical parameters

V = 229.92 V I = 0.2512 A P = 57.31 W PF = 0.9925 F=49.99 Hz

Kdisp(IEC) = 0.9990

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



**EPREL registration number:** 1997328

<https://eprel.ec.europa.eu/qr/1997328>

**Supplier:** ENOVATEK GmbH (Importer)

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