

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: LX800101

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	100	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°)	9 400 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	100,0	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	6 931	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)	-	

(a) '-': not applicable;

(b) '-': not applicable;

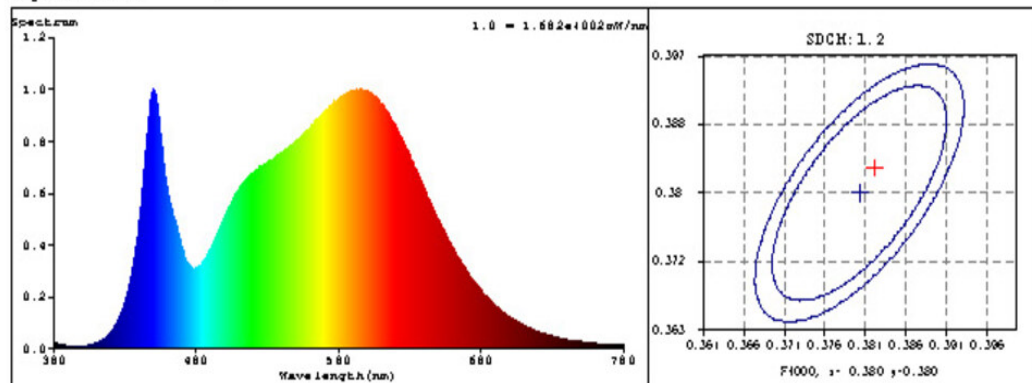
Spectrum Test Report

Sample	:		Date	:	2024-09-28 17:07:48
Specification	:		Sam. Status	:	
Sample No.	:	LX800101	Standard	:	
Manufacturer	:		Instrument	:	HaasSuite(EVERFINE)
Assessor	:	damin			
Remark	:	--	Test by	:	DAMIN

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	47403 (72%)
Test Mode	:	Fast Test	T	:	222 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3820$ $y = 0.3831$ / $u' = 0.2236$ $v' = 0.5046$ ($duv=2.51e-03$)

CCT= 4003K Prcp WL: $L_d=577.8nm$ Purity=29.6%

Peak WL: $L_p=593nm$ FWHM: $=150.8nm$ Ratio:R=18.2% G=78.2% B=3.7%

Render Index: $R_a = 83.2$

EEL: 0.13537 A+

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

R8=64 R9=6 R10=75 R11=81 R12=64 R13=83 R14=98 R15=74

Photometric & Radiometric Parameters

Flux = 9704.2 lm Eff. : 100.63 lm/W $P_e = 29.273 W$

Electrical parameters

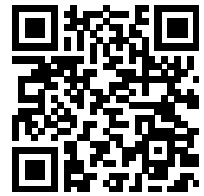
$V = 230.24 V$ $I = 0.4222 A$ $P = 96.44 W$ PF = 0.9920 F=64.97 Hz

$K_{disp}(IEC) = 0.9977$

EVERFINE CORPORATION

<http://www.everfine.cn>

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



EPREL registration number: 1997321

<https://eprel.ec.europa.eu/qr/1997321>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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