

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: LX500135

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	100	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°)	10 000 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	4 000 or 5 000 or 6 500
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	235	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	235	
	Depth	32	
			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)	0,440 0,403
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;

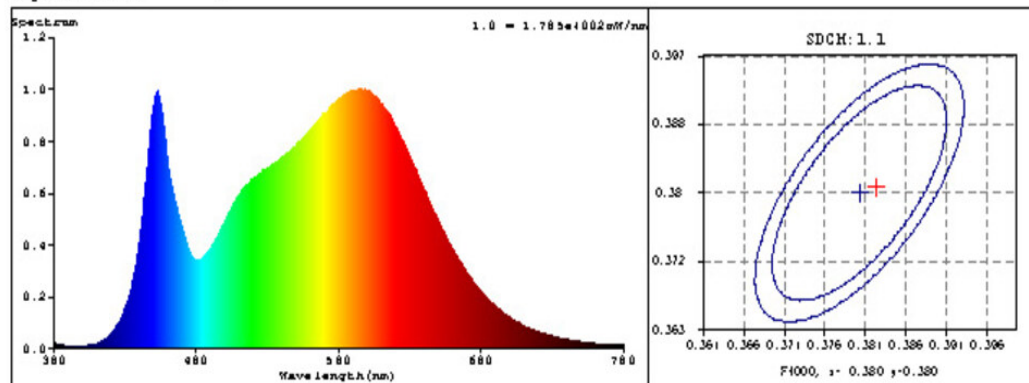
Spectrum Test Report

Sample :	Date : 2021-01-10 10:35:51
Specification :	Sam. Status :
Sample No. : LX500135	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Assessor : damin	Test by : DAMIN
Remark : --	

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 48734 (74%)
Test Mode : Fast Test	T : 242 ms

Spectrum : High



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3820$ $y = 0.3807$ / $u' = 0.2246$ $v' = 0.5035$ ($duv=1.37e-03$)

CCT= 3986K Prcp WL: Ld=578.4nm Purity=28.9%

Peak WL: Lp=595nm FWHM: =148.7nm Ratio:R=18.3% G=77.8% B=3.9%

Render Index: Ra = 83.5

EEL: 0.13143 A+

R1 =82 R2 =91 R3 =96 R4 =81 R5 =82 R6 =87 R7 =85

R8 =63 R9 =7 R10=78 R11=81 R12=65 R13=84 R14=98 R15=75

Photometric & Radiometric Parameters

Flux = 10180 lm Eff.: 103.64 lm/W Fe = 30.838 W

Electrical parameters

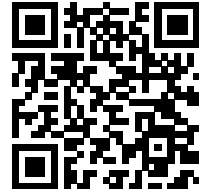
V = 230.17 V I = 0.4284 A P = 98.22 W PF = 1.039 F=49.99 Hz

Kdisp(IEC) = 0.9998

EVERFINE CORPORATION

<http://www.everfine.cn>

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



EPREL registration number: 1997376

<https://eprel.ec.europa.eu/qr/1997376>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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