

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: LX400237

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:	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

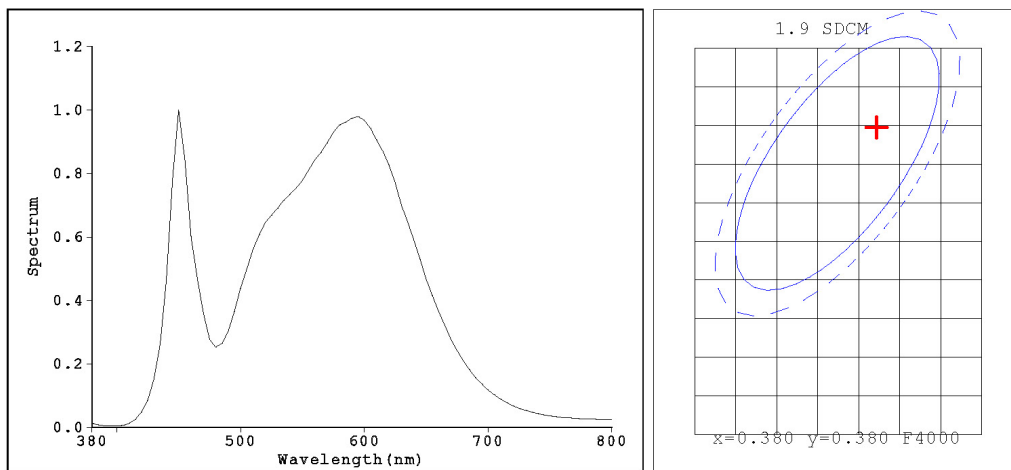
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	300	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	37 500 in Nar-row 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
On-mode power (P_{on}), expressed in W	300,0	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 LED and OLED light sources:				
R9 colour rendering index value	80	Survival factor	-	
the lumen maintenance factor	-			
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;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3841$ $y=0.3837$

Chromaticity Coordinate: $u'=0.3841$ $v'=0.3837$ ($duv=2.17e-03$)

$T_c=3954K$ Dominant WL: $L_d=578.2nm$ Purity=30.4% Centroid WL: $570.0nm$

Ratio: $R=19.5\%$ $G=77.5\%$ $B=3.0\%$ Peak WL: $L_p=450.0nm$ HWL: $23.3nm$

Render Index: $R_a=80.8$

$R1=78$ $R2=87$ $R3=94$ $R4=80$ $R5=79$ $R6=82$ $R7=85$

$R8=61$ $R9=-2$ $R10=70$ $R11=78$ $R12=58$ $R13=80$ $R14=97$ $R15=72$

Photo Parameters:

Flux: $35991 lm$ $F_e=107.82 W$ Efficacy: $122.0 lm/W$

Electrical Parameters:

Luminaire: $U=230.0V$ $I=1.291A$ $P=294.9W$ $PF=0.9933$

Lamp : $U=0V$ $I=0A$ $P=0W$ $PF=1.000$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$
REF: $16696 (R=2)$ $\lambda=0.654\mu m$

$I_p=49405 (G=3, D=51)$
PMT: 25.5 centigrade [150.0]

Product Type: **LX400237**

Number: **1194**

Temperature: **25.3 deg** Test

Operator: **WANGXIAOMAN**

Software: **V2.00.100**

Manufacturer: **EVERFINE**

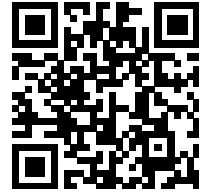
Test Department: **肇庆市实验室**

Humidity: **%**

Test Date: **2024-07-31 16:17:31**

Instrument: **PMS-80_V1 (SN:1007038)**

Model placed on the Union market from 16/01/2025



EPREL registration number: 2069272

<https://eprel.ec.europa.eu/qr/2069272>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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