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

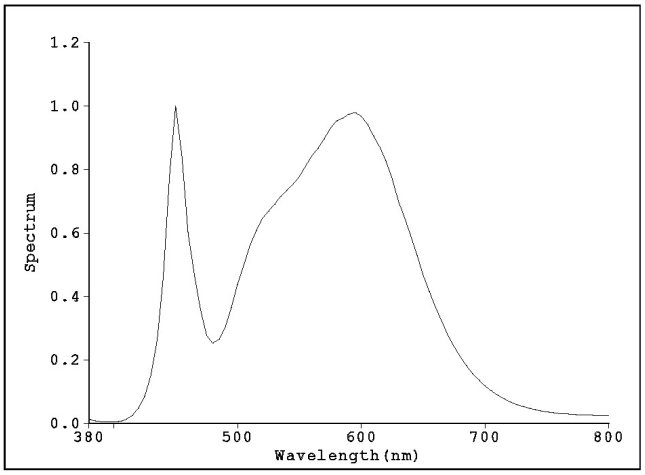
Parameter		Value	Parameter	Value
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		300	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)		37 500 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
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	49	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	331		
	Depth	400		

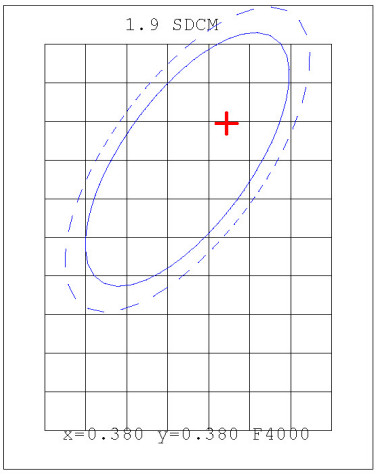
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,380 0,380
Parameters for LED and OLED light sources:				
R9 colour rendering index value		80	Survival factor	-
the lumen maintenance factor		-		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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)

Tc=3954K Dominant WL:Ld=578.2nm Purity=30.4% Centroid WL:570.0nm

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

Render Index:Ra=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 Fe: 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] Ip=49405(G=3,D=51)

REF=16696(R=2) %=0.654% 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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