

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: LX400236

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

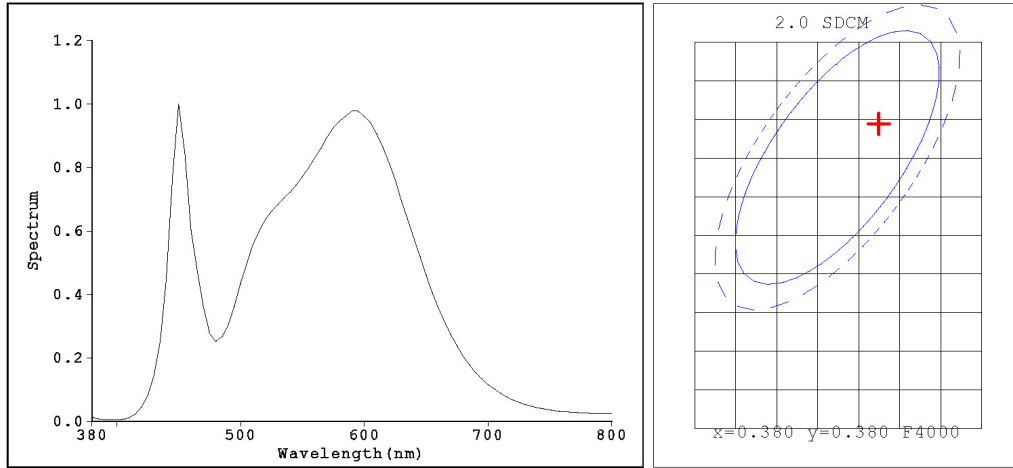
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	200	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	26 000 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
On-mode power (P_{on}), expressed in W	200,0	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	38	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	291	
	Depth	345	
			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)	0,380 0,380
Parameters for LED and OLED light sources:			
R9 colour rendering index value	80	Survival factor	0,90
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=0.3843 y=0.3835
 Chromaticity Coordinate: u'=0.3843 v'=0.3835 (duv=2.00e-03)
 Tc=3946K Dominant WL:Ld=578.3nm Purity=30.4% Centroid WL:570.0nm
 Ratio:R=19.5% G=77.4% B=3.0% Peak WL:Lp=450.0nm HWL:23.2nm
 Render Index:Ra=80.7
 R1 =78 R2 =87 R3 =94 R4 =79 R5 =78 R6 =83 R7 =85
 R8 =60 R9 =-4 R10=70 R11=78 R12=58 R13=80 R14=97 R15=71

Photo Parameters:

Flux: 25014 lm Fe: 74.824 W Efficacy:124.0 lm/W

Electrical Parameters:

Luminaire: U=230.1V I=0.8820A P=201.7W PF=0.9937
 Lamp : U=0V I=0A P=0W PF=1.000

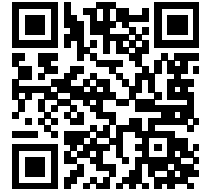
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=32605 (G=3,D=51)
 REF=11635 (R=2) %=0.748% PMT: 26.3 centigrade [150.0]

Product Type:LX400236
 Number:1413
 Temperature:25.3 deg Test
 Operator:WANGXIAOMAN
 Software:V2.00.100

Manufacturer:EVERFINE
 Test Department:实验室
 Humidity:%
 Test Date:2024-07-27 18:41:19
 Instrument:PMS-80_V1 (SN:1007038)

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



EPREL registration number: 2069266

<https://eprel.ec.europa.eu/qr/2069266>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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