

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: LX400235

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

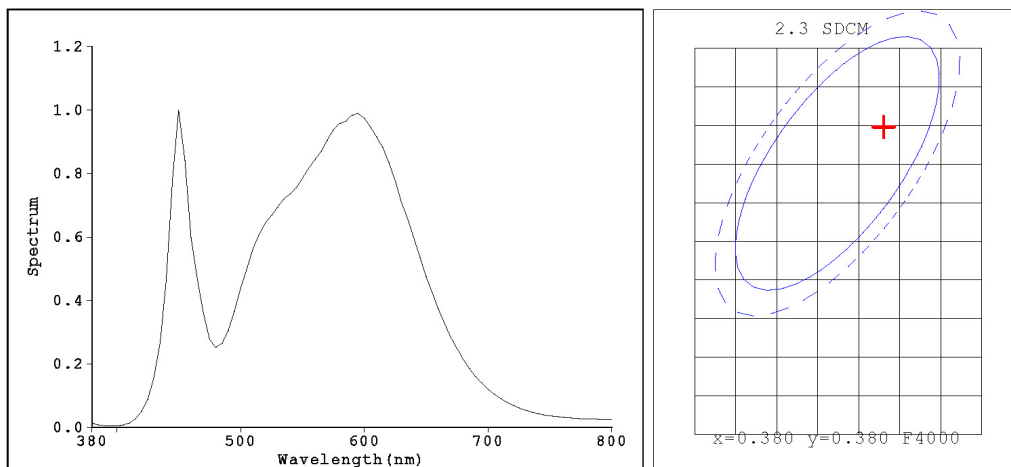
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	150	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	18 500 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	150,0	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: $x=0.3849$ $y=0.3838$
Chromaticity Coordinate: $u'=0.3849$ $v'=0.3838$ ($duv=1.99e-03$)
Tc=3935K Dominant WL:Ld=578.3nm Purity=30.7% Centroid WL:571.0nm
Ratio:R=19.6% G=77.4% B=3.0% Peak WL:Lp=450.0nm HWL:23.3nm
Render Index:Ra=80.9
R1 =79 R2 =87 R3 =94 R4 =80 R5 =79 R6 =82 R7 =85
R8 =61 R9 =-1 R10=70 R11=78 R12=59 R13=80 R14=97 R15=72

Photo Parameters:

Flux: 19009 lm Fe: 57.004 W Efficacy:128.8 lm/W

Electrical Parameters:

Luminaire: U=230.1V I=0.6458A P=147.6W PF=0.9935
Lamp : U=0V I=0A P=0W PF=1.000

Instrument Status:

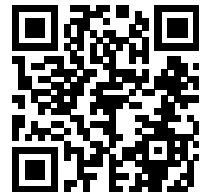
Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=8868 (R=2) %=0.606%

Ip=29964 (G=3,D=51)
PMT: 25.9 centigrade [150.0]

Product Type:LX400235
Number:1183
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 10:56:40
Instrument:PMS-80_V1 (SN:1007038)

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



EPREL registration number: 2069252

<https://eprel.ec.europa.eu/qr/2069252>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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