

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

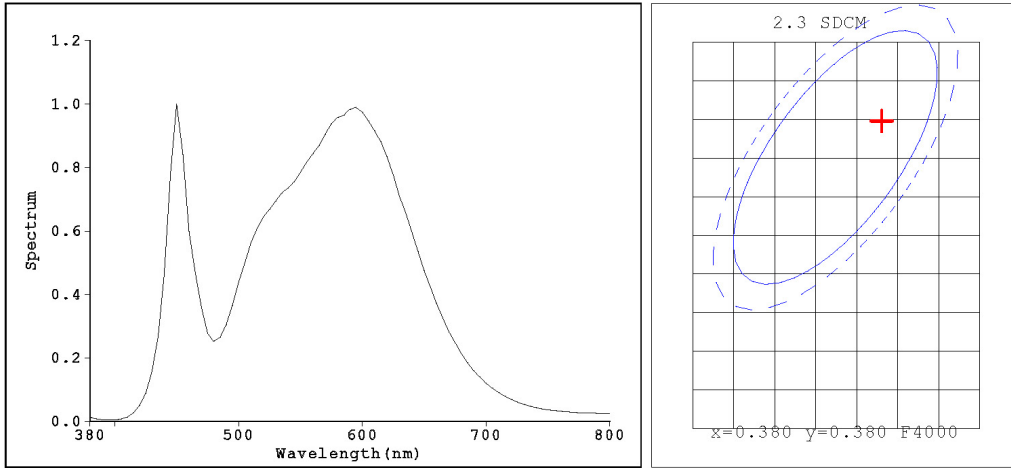
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	150	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	18 500 in 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	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	38	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	252	
	Depth	301	
			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	-
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 : $U=0V$ $I=0A$ $P=0W$ $PF=1.000$

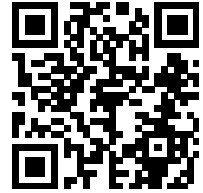
Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $Ip=29964$ ($G=3, D=51$)
 REF=8868 (R=2) $\% = 0.606\%$ 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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