

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: LX400230

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

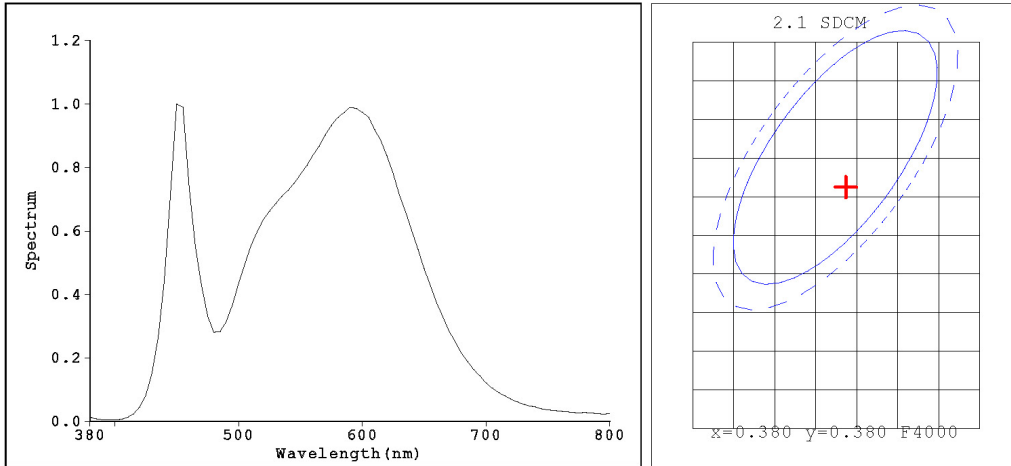
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	900 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	10,0	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	16	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	94	
	Depth	122	
			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: $x=0.3811$ $y=0.3769$
 Chromaticity Coordinate: $u'=0.3811$ $v'=0.3769$ ($duv=-1.34e-04$)
 $Tc=3983K$ Dominant WL: $Ld=579.2nm$ Purity=27.5% Centroid WL: $570.0nm$
 Ratio: $R=19.7\%$ $G=77.0\%$ $B=3.2\%$ Peak WL: $Lp=450.0nm$ HWL: $26.1nm$
 Render Index: $Ra=81.9$
 R1 =80 R2 =89 R3 =95 R4 =80 R5 =80 R6 =84 R7 =85
 R8 =62 R9 =3 R10=73 R11=79 R12=60 R13=82 R14=97 R15=74

Photo Parameters:

Flux: 1235.5 lm Fe: 3.7577 W Efficacy: 121.4 lm/W

Electrical Parameters:

Luminaire: $U=230.3V$ $I=0.04454A$ $P=10.18W$ $PF=0.9924$
 Lamp : $U=0V$ $I=0A$ $P=0W$ $PF=1.000$

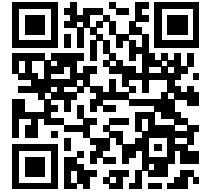
Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $Ip=33001$ ($G=5, D=54$)
 REF=56776 ($R=4$) $\% = 0.196\%$ PMT: 28.3 centigrade [150.0]

Product Type: **LX400230**
 Number: **1394**
 Temperature: **25.3 deg** Test
 Operator: **WANGXIAOMAN**
 Software: **V2.00.100**

Manufacturer: **EVERFINE**
 Test Department: **实验室**
 Humidity: **%**
 Test Date: **2024-07-27 09:59:52**
 Instrument: **PMS-80_V1 (SN:1007038)**

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



EPREL registration number: 2068821

<https://eprel.ec.europa.eu/qr/2068821>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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