

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: LX400233

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

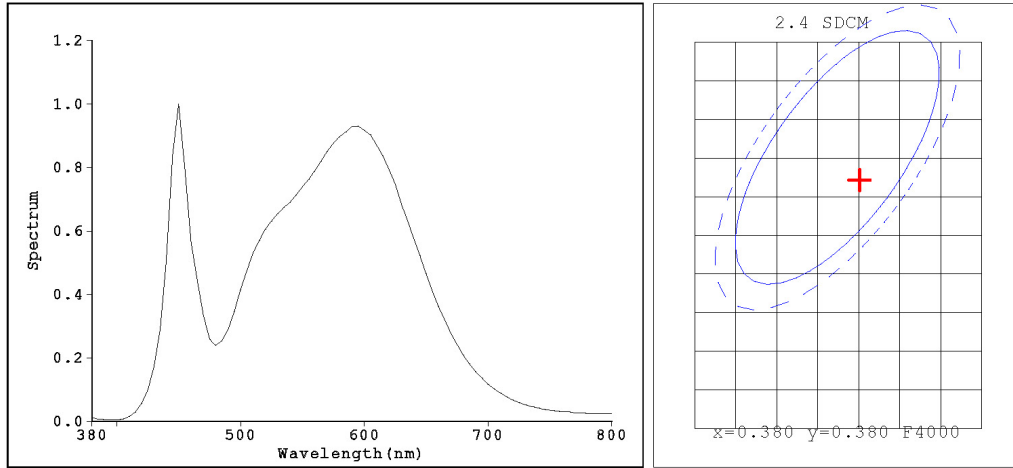
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	6 500 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	50,0	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	31	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	167	
	Depth	202	
			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: $x=0.3823$ $y=0.3776$
 Chromaticity Coordinate: $u'=0.3823$ $v'=0.3776$ ($duv=-1.34e-04$)
 $Tc=3956K$ Dominant WL: $Ld=579.3nm$ Purity=28.1% Centroid WL: 570.0nm
 Ratio: R=19.8% G=77.1% B=3.0% Peak WL: $Lp=450.0nm$ HWL: 22.9nm
 Render Index: $Ra=81.8$
 R1 =80 R2 =88 R3 =94 R4 =81 R5 =80 R6 =83 R7 =85
 R8 =63 R9 =4 R10=71 R11=80 R12=61 R13=82 R14=97 R15=74

Photo Parameters:

Flux: 6856.9 lm Fe: 20.883 W Efficacy: 134.8 lm/W

Electrical Parameters:

Luminaire: U=230.1V I=0.2230A P=50.86W PF=0.9910
 Lamp : U=0V I=0A P=0W PF=1.000

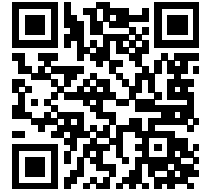
Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0] $I_p=16736$ (G=3, D=51)
 REF=31527 (R=3) $\%=-1.141\%$ PMT: 26.4 centigrade [150.0]

Product Type: LX400233
 Number: 1419
 Temperature: 25.3 deg Test
 Operator: WANGXIAOMAN
 Software: V2.00.100

Manufacturer: EVERFINE
 Test Department: 实验室
 Humidity: %
 Test Date: 2024-07-29 11:04:50
 Instrument: PMS-80_V1 (SN: 1007038)

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



EPREL registration number: 2068839

<https://eprel.ec.europa.eu/qr/2068839>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

Email: info@enovatek.de

Phone: +49 4461 / 7464233

Address:

Sillensteder Straße 213

26441 Jever

Germany