

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: LX400250

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD 2835		
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

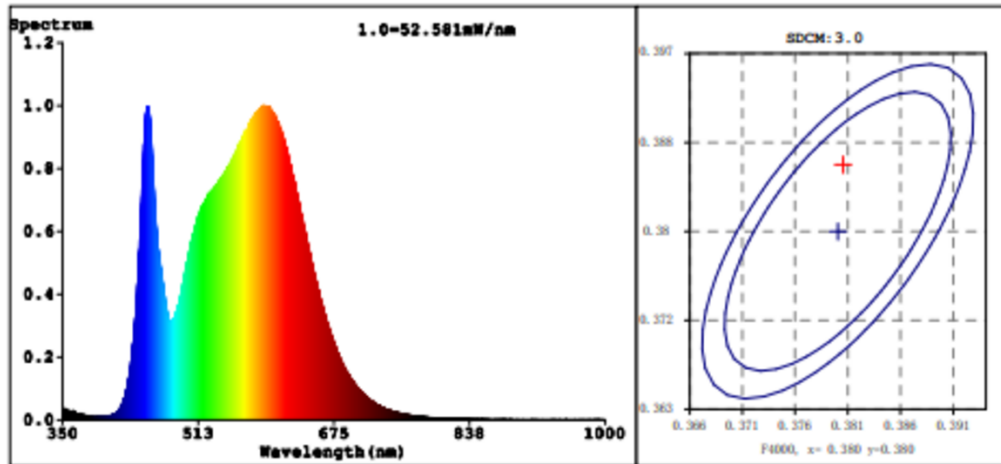
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 000 in Wide cone (120°)	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	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	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	5	
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)	0,4	Stroboscopic effect metric (SVM)	1,0	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3805$ $y=0.3863/u'=0.2214$ $v'=0.5057$
CCT=4065K (Duv=0.0044) Dominant WL:Ld =576.6nm WL:Lc = --nm Purity=30.1%
Ratio:R=17.7% G=78.6% B=3.7% Peak WL:Lp=592.0nm FWHM=148.8nm
Render Index:Ra=82.2 AvgR=75.0 TM30:Rf=84 Rg=93

R1 =80 R2 =89 R3 =96 R4 =81 R5 =80 R6 =85 R7 =86
R8 =62 R9 =1 R10=73 R11=80 R12=60 R13=82 R14=98 R15=72

Photo Parameters:

Flux = 1009 lm Eff. : 102.02 lm/W Fe = 9.096 W
Scotopic:5202.2 S/P:1.7059

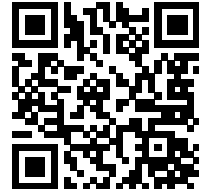
Electrical parameters:

V = 230.27 V I = 0.1300 A P = 9.89 W PF = 0.9945
LEVEL:OUT WHITE:ANSI_4000K
Status: Integral T = 500 ms Ip = 44090 (67%)
GBT5702

Model:LX400250
Tester:
Temperature:25.3Deg
Manufacturer:

Number:1
Date:2023-09-14 11:14:05
Humidity:65.0%
Remarks:

Model placed on the Union market from 01/01/2024



EPREL registration number: 1901417

<https://eprel.ec.europa.eu/qr/1901417>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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