

# 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:** LX400234

## 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

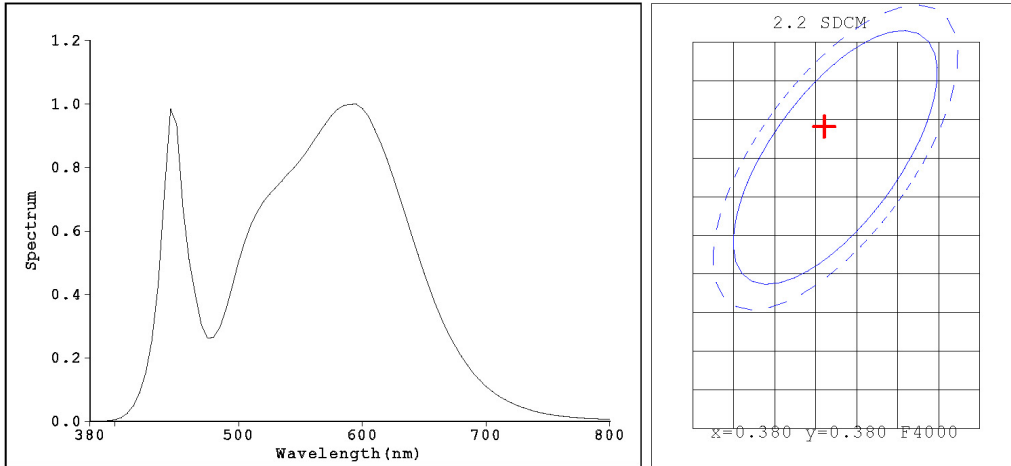
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	100	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	12 000 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	100,0	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	34	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	225	
	Depth	260	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,380 0,380
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	80	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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:  $x=0.3788$   $y=0.3832$   
 Chromaticity Coordinate:  $u'=0.3788$   $v'=0.3832$  ( $duv=3.46e-03$ )  
 $Tc=4089K$  Dominant WL:  $Ld=576.9nm$  Purity=28.7% Centroid WL:  $567.0nm$   
 Ratio: R=18.9% G=78.1% B=3.0% Peak WL:  $Lp=595.0nm$  HWL:  $147.3nm$   
 Render Index:  $Ra=80.3$   
 R1 =78 R2 =86 R3 =93 R4 =80 R5 =78 R6 =81 R7 =85  
 R8 =61 R9 =-6 R10=67 R11=79 R12=61 R13=79 R14=96 R15=70

**Photo Parameters:**

Flux: 12834 lm Fe: 38.075 W Efficacy: 126.8 lm/W

**Electrical Parameters:**

Luminaire: U=230.2V I=0.4420A P=101.2W PF=0.9940  
 Lamp : U=0V I=0A P=0W PF=0

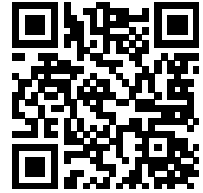
*Instrument Status:*

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]  $I_p=32368$  (G=4, D=54)  
 REF=16839 (R=3)  $\% = 0.756\%$  PMT: 27.1 centigrade [150.0]

Product Type: LX400234  
 Number: 64  
 Temperature: 25.3 deg Test  
 Operator: CHEN  
 Software: V2.00.100

Manufacturer:  
 Test Department: 实验室  
 Humidity: %  
 Test Date: 2024-09-13 09:29:59  
 Instrument: PMS-80\_V1 (SN: 910045)

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



**EPREL registration number:** 2068844

<https://eprel.ec.europa.eu/qr/2068844>

**Supplier:** ENOVATEK GmbH (Importer)

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**Customer care service:**

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