

# 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:** LX800135

## 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

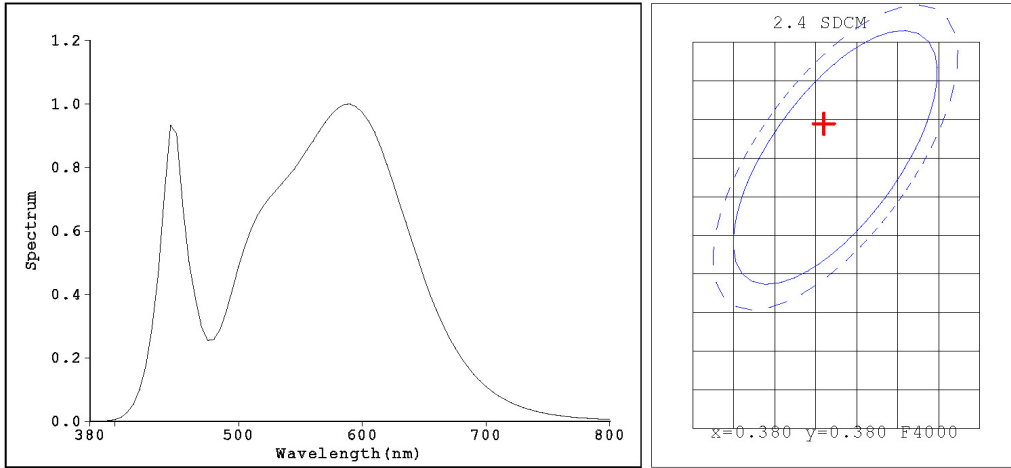
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	5 000 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	4 500
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	77	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	152	
	Depth	411	
			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)	0,9

(a)-: not applicable;

(b)-: not applicable;

Light Source Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3788$   $y=0.3835$   
 Chromaticity Coordinate:  $u'=0.3788$   $v'=0.3835$  ( $duv=3.61e-03$ )  
 Tc=4092K Dominant WL:Ld=576.8nm Purity=28.8% Centroid WL:567.0nm  
 Ratio:R=18.7% G=78.4% B=3.0% Peak WL:Lp=590.0nm HWL:144.9nm  
 Render Index:Ra=79.2  
 R1 =76 R2 =85 R3 =93 R4 =79 R5 =77 R6 =80 R7 =85  
 R8 =59 R9 =-10 R10=65 R11=78 R12=60 R13=78 R14=96 R15=69

**Photo Parameters:**

Flux: 5882.9 lm Fe: 16.361 W Efficacy:110.4 lm/W

**Electrical Parameters:**

Luminaire: U=230.1V I=0.2340A P=53.30W PF=0.9900  
 Lamp : U=0V I=0A P=0W PF=0

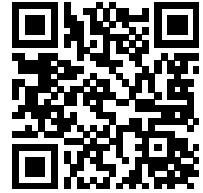
*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=56203 (G=5,D=56)  
 REF=8875 (R=3) %=-0.636% PMT: 28.6 centigrade [150.0]

Product Type:LX800135  
 Number:131  
 Temperature:25.3 deg Test  
 Operator:CHEN  
 Software:V2.00.100

Manufacturer:  
 Test Department:实验室  
 Humidity:%  
 Test Date:2024-09-18 15:55:16  
 Instrument:PMS-80\_V1 (SN:910045)

Model placed on the Union market from 17/01/2025



**EPREL registration number:** 2069320

<https://eprel.ec.europa.eu/qr/2069320>

**Supplier:** ENOVATEK GmbH (Importer)

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**Customer care service:**

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