

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: LX800131

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

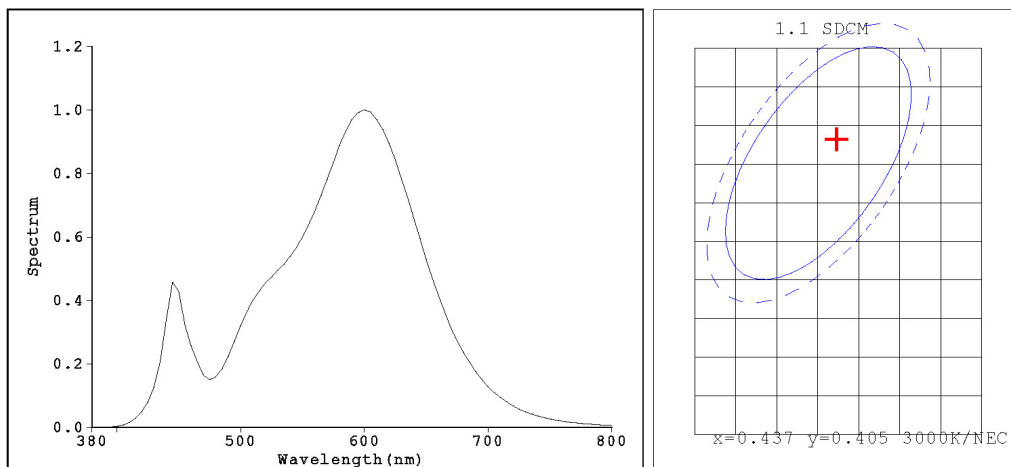
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	3 000
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	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)	0,440 0,403	
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: $x=0.4389$ $y=0.4075$
 Chromaticity Coordinate: $u'=0.4389$ $v'=0.4075$ ($duv=1.08e-03$)
 $T_c=2995K$ Dominant WL: $\lambda_d=582.5nm$ Purity=54.0% Centroid WL: 588.0nm
 Ratio: R=24.2% G=73.7% B=2.1% Peak WL: $\lambda_p=600.0nm$ HWL: 121.0nm
 Render Index: $R_a=79.9$
 R1 =77 R2 =88 R3 =97 R4 =78 R5 =78 R6 =86 R7 =81
 R8 =54 R9 =-7 R10=74 R11=78 R12=70 R13=80 R14=98 R15=69

Photo Parameters:

Flux: 5412.7 lm Fe: 16.023 W Efficacy: 104.5 lm/W

Electrical Parameters:

Luminaire: U=230.1V I=0.2270A P=51.80W PF=0.9910
 Lamp : U=0V I=0A P=0W PF=0

Instrument Status:

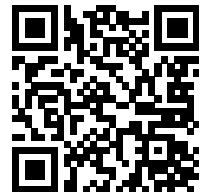
Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
 REF=9140 (R=3) $\% = 0.745\%$

$I_p=41035$ (G=5, D=55)
 PMT: 27.0 centigrade [150.0]

Product Type: LX800131
 Number: 1003
 Temperature: 25.3 deg Test
 Operator:
 Software: V2.00.100

Manufacturer:
 Test Department:
 Humidity: %
 Test Date: 2024-08-02 14:18:15
 Instrument: PMS-80_V1 (SN: 910045)

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



EPREL registration number: 2069294

<https://eprel.ec.europa.eu/qr/2069294>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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