

# 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:** LX-262-4000U-BL

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	Yes	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	36	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°)	3 600 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	36,0	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	620	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	620	
	Depth	28	
			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)	0,382 0,380
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 556	Beam angle in degrees, or the range of beam angles that can be set	90
<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;

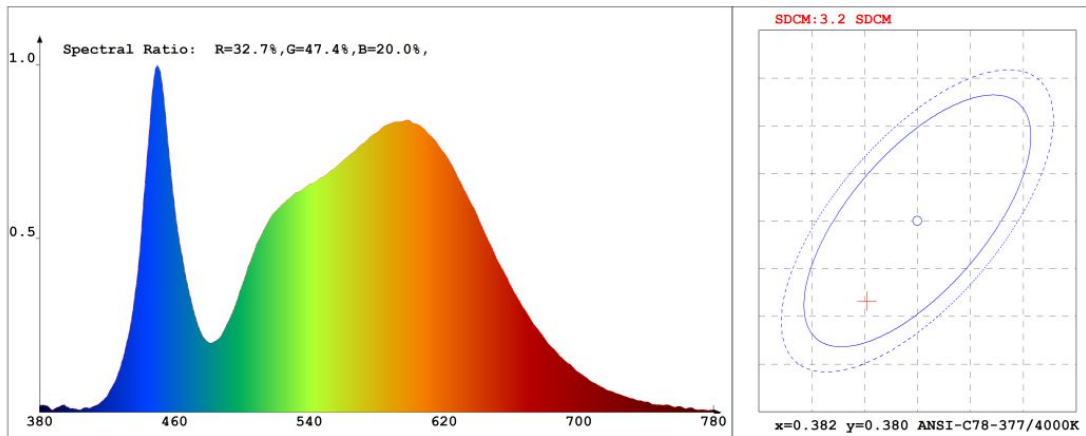
(b) : not applicable;

# LED Test Report

**Product Mark**

Product Type : admin  
 Temperature : 25'C  
 Operator : admin  
 Remark:

Manufacturer : admin  
 Humidity : 65%  
 Test Date : 2022-05-20



**Chroma Parameters**

Chro.Coor.:x=0.3770 y=0.3713 u=0.2250 v=0.3324 duv=-0.0016  
 CCT: 4057K Dominant Wave.:579.8nm Purity:24.6% Centre Wave:450.5nm  
 Flux RGB Ratio:R=17.6%,G=80.0%,B=2.3% Peak Wave:448.5nm Half Width:22.5nm

**Rendering Index:Ra= 83.3 CRI= 79.1**

R1 =83 R2 =88 R3 =92 R4 =83 R5 =82 R6 =83 R7 =87 R8 =68  
 R9 =15 R10=72 R11=83 R12=61 R13=84 R14=96 R15=78  
 Fidelity Index (Rf)=81.4 Gamut Index (Rg)=97.5

**Photo Parameters**

Flux:3768.42lm Effi.:104.1lm/W Radiant:10860.8mW Iv:0.0mcd  
 Efficiency:0.131 Effi Level:A+ (EU 874-2012)

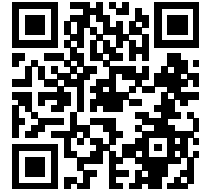
**Ele. Parameters**

Voltage:U=230.15V Current:I=0.1580A  
 Power:P=36.340W Power Factor:PF=0.996

**Instrument state**

Instrument:Hopoo HP8000S Integral Time: 62.082ms VPeak: 15509  
 VDark: 1281 Scan Range: 380-780nm Product ID: 802109068  
 Hopoo Light&&Color Technology CO.,LTD www.HopooColor.com

Model placed on the Union market from 09/09/2022



**EPREL registration number:** 1354592

<https://eprel.ec.europa.eu/qr/1354592>

**Supplier:** ENOVATEK GmbH (Importer)

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Customer care service:**

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