

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-2120-4000-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:	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	36	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°)	3 600 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	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	1 195	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	295	
	Depth	28	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,379 0,383
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 136	Beam angle in degrees, or the range of beam angles that can be set	120
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)	0,9

(a) '-': not applicable;

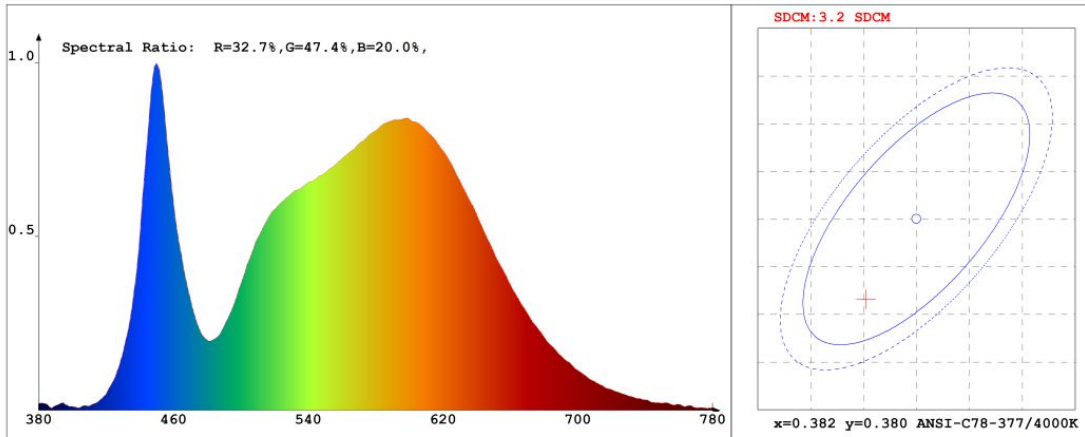
(b) '-': not applicable;

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)

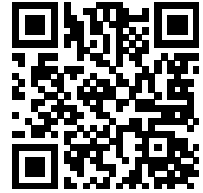
Ele. Parameters

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: 1354634

<https://eprel.ec.europa.eu/qr/1354634>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

Website: www.enovatek.de

Email: info@enovatek.de

Phone: +49 4461 / 7464233

Address:

Sillensteder Straße 213

26441 Jever

Germany