

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-62-4000-CRI98

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	40	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°)	4 000 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	4 000
On-mode power (P_{on}), expressed in W	40,0	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	98
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	32	
			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)	0,377 0,374
Parameters for LED and OLED light sources:			
R9 colour rendering index value	98	Survival factor	-
the lumen maintenance factor	0,70		
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;

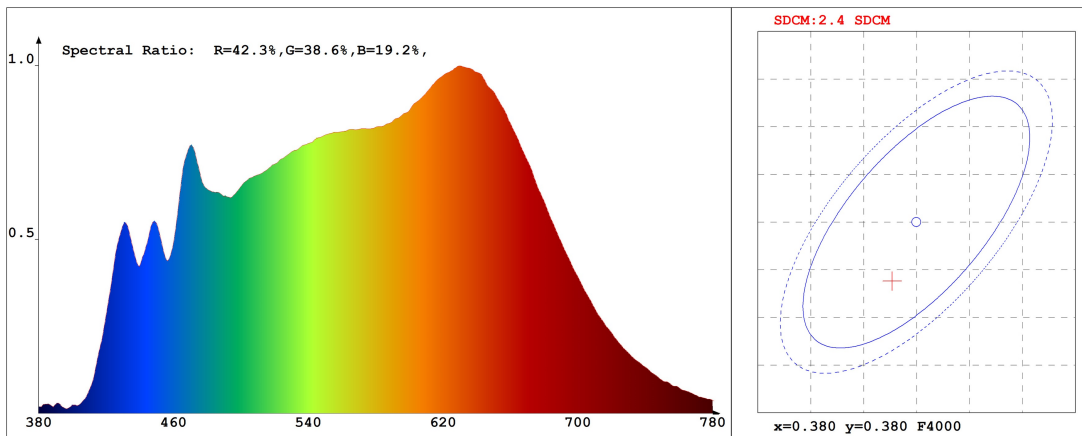
(b)-: not applicable;

LED Test Report

Product Mark

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

Manufacturer : admin
 Humidity : 65%
 Test Date : 2024-05-15



Chroma Parameters

Chro.Coor.:x=0.3777 y=0.3738 u=0.2245 v=0.3333 duv=-0.0006
 CCT: 4054K Dominant Wave.:579.2nm Purity:25.6% Centre Wave:574.0nm
 Flux RGB Ratio:R=19.9%,G=76.7%,B=3.4% Peak Wave:628.7nm Half Width:229.1nm

Rendering Index:Ra= 98.3 CRI= 98.0

R1 =98 R2 =98 R3 =99 R4 =98 R5 =98 R6 =97 R7 =99 R8 =100
 R9 =98 R10=97 R11=98 R12=95 R13=98 R14=99 R15=98
 Fidelity Index (Rf)=96.4 Gamut Index (Rg)=99.5

Photo Parameters

Flux:3993.81lm Effi.:101.3lm/W Radiant:13791.5mW Iv:0.0mcd
 Efficiency:0.135 Effi Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=229.31V Current:I=0.1740A
 Power:P=39.630W Power Factor:PF=0.988

Instrument state

Instrument:Hopoo HP8000S Integral Time: 96.064ms VPeak: 14517
 VDark: 1359 Scan Range: 380-780nm Product ID: 802109068
 Hopoo Light&&Color Technology CO.,LTD www.HopooColor.com

Model placed on the Union market from 19/09/2024



EPREL registration number: 2083953

<https://eprel.ec.europa.eu/qr/2083953>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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