

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-BL-EL

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	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 Sphere (360°)	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	6 000
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	32	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	620	
	Depth	620	
			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 0,379
Parameters for LED and OLED light sources:			
R9 colour rendering index value	6	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;

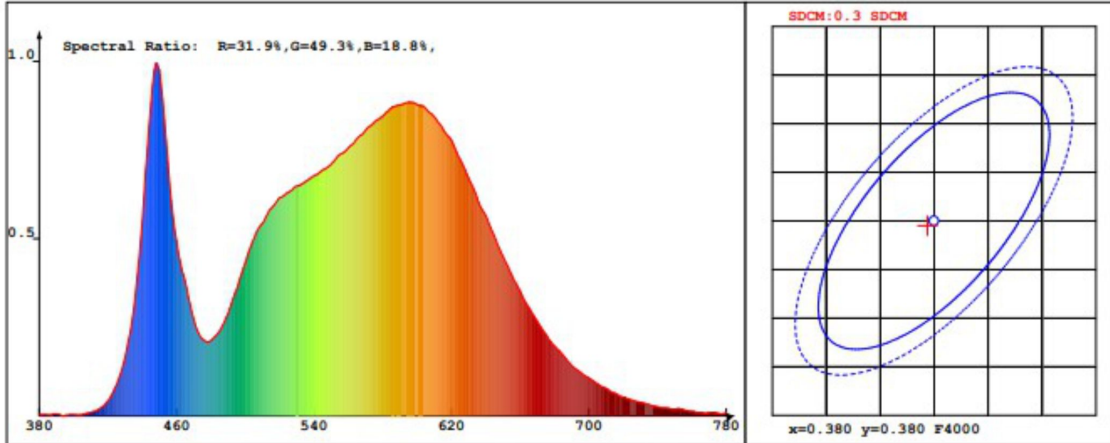
(b)-: not applicable;

LED Test Report

Product Mark

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

Manufacturer : admin
 Humidity : 65%
 Test Date : 2024-03-19 19:43:59



Chroma Parameters

Chro.Coor.:x=0.3794 y=0.3795 u=0.2233 v=0.3351 duv=0.0016
 CCT: 4048K Dominant Wave.:578.0nm Purity:27.8% Centre Wave:448.4nm
 Flux RGB Ratio:R=17.3%,G=80.5%,B=2.2% Peak Wave:447.5nm Half Width:20.5nm

Rendering Index:Ra= 82.7 CRI= 78.7

R1 =81 R2 =88 R3 =94 R4 =82 R5 =81 R6 =83 R7 =87 R8 =66
 R9 =6 R10=72 R11=82 R12=63 R13=83 R14=97 R15=75
 Fidelity Index(Rf)=82.1 Gamut Index(Rg)=96.8

Photo Parameters

Flux:5566.34lm Effi.:151.9lm/W Radiant:15095.6mW Iv:0.0mcd
 Efficiency:0.090 Effi Level:A++ (EU 874-2012)

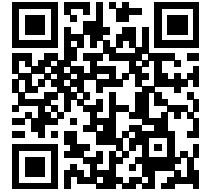
Ele. Parameters

Voltage:U=229.81V Current:I=0.1620A
 Power:P=36.650W Power Factor:PF=0.984

Instrument state

Instrument:Hopoo HP8000S Integral Time: 62.072ms VPeak: 13813
 VDark: 1342 Scan Range: 380-780nm Product ID: 802109068
 Hopoo Light&&Color Technology CO.,LTD www.HopooColor.com

Model placed on the Union market from 22/04/2024



EPREL registration number: 2006524

<https://eprel.ec.europa.eu/qr/2006524>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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