

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

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:	Yes	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 Nar-row 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	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)	0,374 0,372	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	15	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;

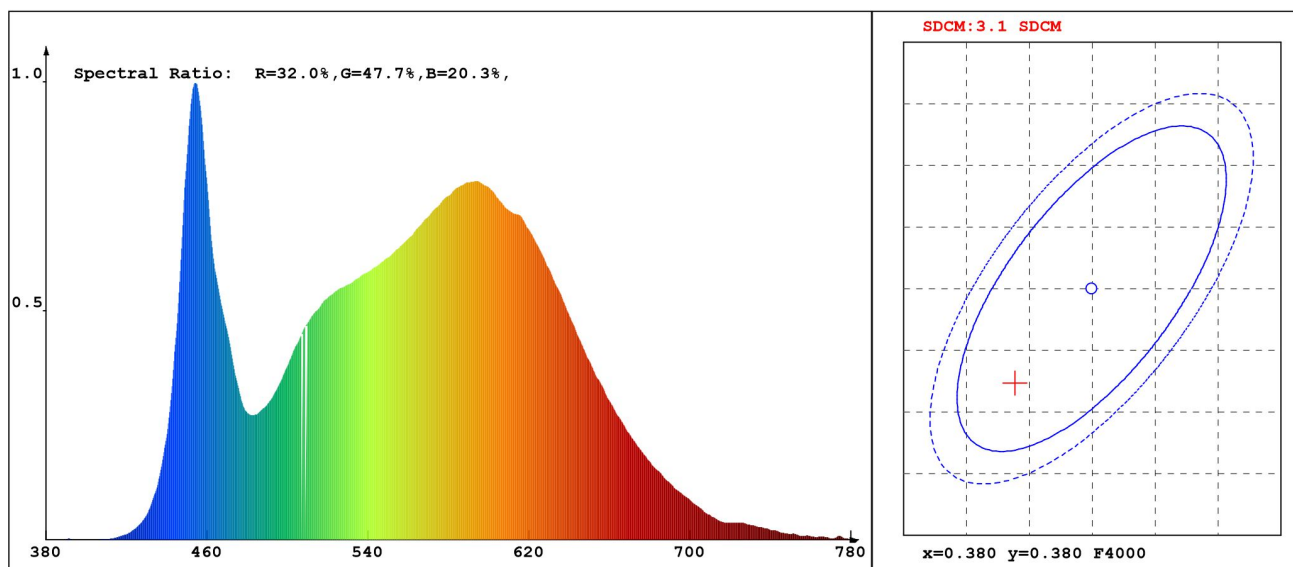
(b) '-': not applicable;

LED Test Report

Product Mark

Product Type :
Temperature :65'C
Operator :admin
Remark:

Manufacturer :BOHUA
Humidity :65%
Test Date :2022-09-21 08:57:50

**Chroma Parameters**

Chro.Coord.:x=0.3739 y=0.3723 u=0.2226 v=0.3324 duv=-0.0001
CCT: 4153K Dominant Wave.:578.5nm Purity:23.9%
Flux RGB Ratio:R=18.1%,G=79.1%,B=2.9% Peak Wave:453.5nm Half Width:22.2nm

Rendering Index:Ra= 84.6

R1 =84	R2 =92	R3 =96	R4 =82	R5 =83	R6 =89	R7 =86	R8 =66
R9 =15	R10=81	R11=81	R12=61	R13=86	R14=98	R15=78	

Photo Parameters

Flux:3736.38lm Eff.:103.1lm/W Radiant:11047.7mW Iv:0.0mcd
Efficiency:0.132 Eff Level:A+ (EU 874-2012)

Ele. Parameters

Voltage:U=229.900V Current:I=0.1690A
Power:P=36.23W Power Factor:PF=0.932

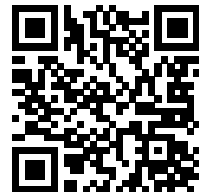
Lamp Parameters

Voltage:U=0.000V Current:I=0.0000A Power:P=0.00W
Power Factor:PF=1.000 Efficacy:0.0lm/W

Instrument state

Instrument:Hopoo HP8000 Integral Time: 31.680ms VPeak: 15786
VDark: 1085 Product ID: 201306373

Model placed on the Union market from 15/12/2022



EPREL registration number: 1429303

<https://eprel.ec.europa.eu/qr/1429303>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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