

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: LX500102

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD 2835		
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	200	Energy efficiency class	E
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°)	24 000 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	5 000
On-mode power (P_{on}), expressed in W	200,0	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	320	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	320	
	Depth	147	
			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)	0,345 0,355
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;

Spectrum Test Report

Product Information

Product Type: LX500102
Product Number: 1

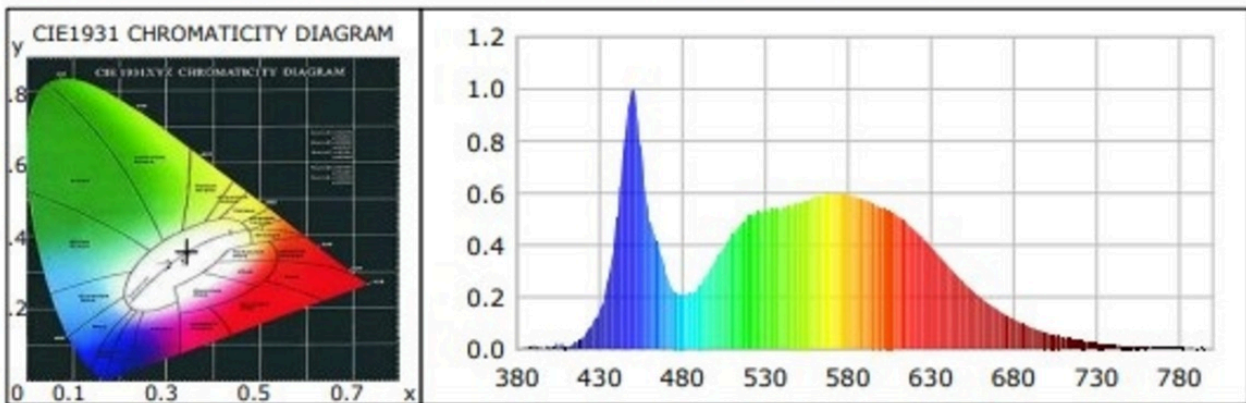
Product Spec: 5000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3424$ $y=0.3585$ $u(u')=0.2070$ $v=0.3251$ $v'=0.4876$
CCT: $T_c=5124K$ ($duv=0.00453$) Color Ratio: $R=0.150$ $G=0.809$ $B=0.042$
Peak Wavelength: 0nm Half Bandwidth: 20.0nm
Dominant Wavelength: 567.8nm Color Purity: 0.103

CRI: R_i : $R_a=81.8$

$R_1=81$	$R_2=82$	$R_3=82$	$R_4=88$	$R_5=81$	$R_6=75$	$R_7=90$	$R_8=75$
$R_9=12$	$R_{10}=56$	$R_{11}=87$	$R_{12}=49$	$R_{13}=80$	$R_{14}=90$	$R_{15}=77$	



Photometric Parameters

Luminous Flux: 23899.2 lm Efficiency: 118.82 lm/W

Electric Parameters

Voltage: 230.70V Current: 0.8780A Power: 201.140W
Power Factor: 0.993 Frequency: 50.00Hz

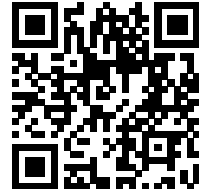
Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 Min
Max of Signal: 12623 (37475)

Photometric Method:

Photometric Condition: Sphere diameter: 1.00m, 4[
CCD Integration Time: 69.88 ms

Model placed on the Union market from 03/04/2023



EPREL registration number: 1546491

<https://eprel.ec.europa.eu/qr/1546491>

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