

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ENOVALITE

Supplier's address: ENOVATEK GmbH, Sillensteder Straße 213, 26441 Jever, DE

Model identifier: ELED500105

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

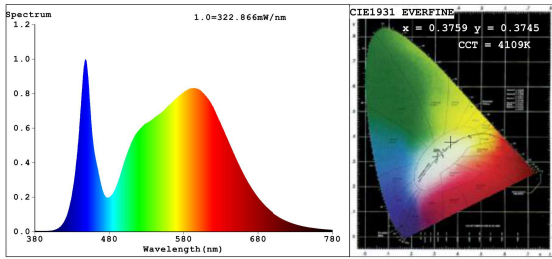
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	100	Energy efficiency class	D
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	15 500 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	4 000
On-mode power (P_{on}), expressed in W	100,0	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	191	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	191	
	Depth	12	
			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)	0,376 0,375
Parameters for LED and OLED light sources:			
R9 colour rendering index value	8	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



Color Parameters:

Chromaticity Coordinate: $x=0.3759$ $y=0.3745/u'=0.2230$ $v'=0.4999$
 CCT=4109K(Duv=0.0003) Dominant WL:Ld =578.5nm WL:Lc = --nm Purity=25.2%
 Ratio:R=17.9% G=78.8% B=3.3% Peak WL:Lp=447.9nm FWHM=20.9nm
 Render Index:Ra=82.1

R1 =81 R2 =87 R3 =92 R4 =83 R5 =81 R6 =82 R7 =86
 R8 =66 R9 =8 R10=69 R11=82 R12=62 R13=82 R14=95 R15=75

Photo Parameters:

Flux = 15790 lm Eff. : 0.00 lm/W Fe = 48.04 W
 Scotopic:26570 S/P:1.6827

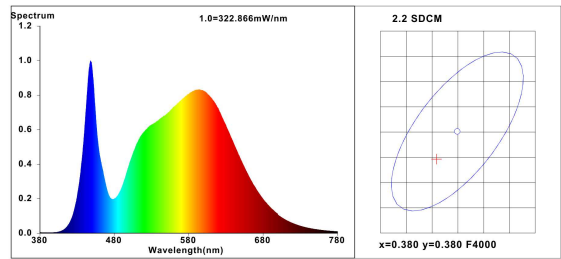
Electrical parameters:

V = 0 V I = 0 A P = 0 W PF = 0
 LEVEL:OUT WHITE:ANSI_4000K

Status: Integral T = 8 ms Ip = 48467 (74%)

Tester:DAMIN Number:1
 Temperature:25.3Deg Date:2023-04-07 16:25:03
 Manufacturer:0 Humidity:65.0%
 Remarks:0.442A 229.4V 101.4W

Spectrum Test Report



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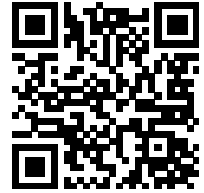
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Model placed on the Union market from 11/04/2023



EPREL registration number: 1552972

<https://eprel.ec.europa.eu/qr/1552972>

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