

# 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:** ELED500106

## 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

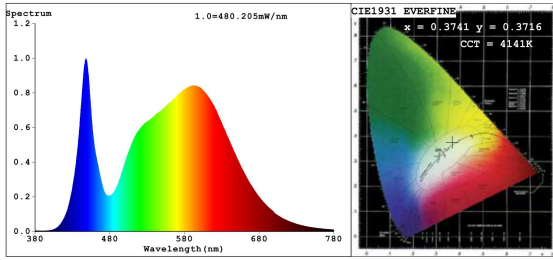
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	150	Energy efficiency class	D
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	23 250 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	150,0	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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,374 0,372
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	8	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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:  $x=0.3741$   $y=0.3716/u'=0.2230$   $v'=0.4984$   
 CCT=4141K(Duv=-0.0005) Dominant WL:Ld =578.8nm WL:Lc = --nm Purity=23.8%  
 Ratio:R=17.8% G=78.9% B=3.3% Peak WL:Lp=447.9nm FWHM=22.1nm  
 Render Index:Ra=81.8

R1 =80 R2 =86 R3 =91 R4 =82 R5 =81 R6 =81 R7 =86  
 R8 =66 R9 =8 R10=68 R11=81 R12=62 R13=82 R14=95 R15=75

Photo Parameters:

Flux = 23740 lm Eff. : 0.00 lm/W Fe = 72.64 W  
 Scotopic:40039 S/P:1.6866

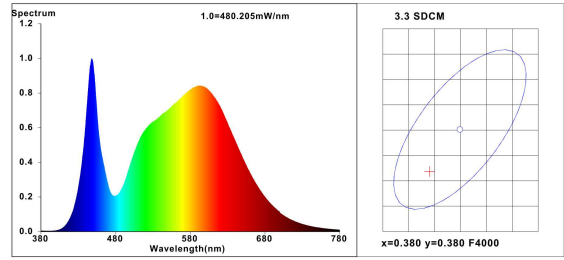
Electrical parameters:

V = 0 V I = 0 A P = 0 W PF = 0  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 6 ms Ip = 51164 (78%)

Tester:DAMIN	Number:2
Temperature:25.3Deg	Date:2023-04-07 16:31:26
Manufacturer:0	Humidity:65.0%
	Remarks:0.662A 229.2V 151.7W

Spectrum Test Report



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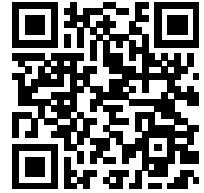
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Model placed on the Union market from 11/04/2023



**EPREL registration number:** 1552975

<https://eprel.ec.europa.eu/qr/1552975>

**Supplier:** ENOVATEK GmbH (Importer)

**Website:** [www.enovatek.de](http://www.enovatek.de)

**Customer care service:**

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