

# 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:** ELED500110

## 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

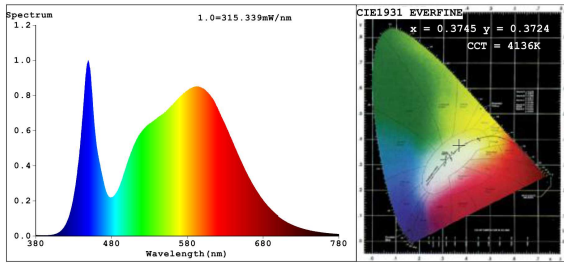
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	100	Energy efficiency class	D
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,375 0,372
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	9	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:  $x=0.3745$   $y=0.3724$   $u'=0.2229$   $v'=0.4987$   
 CCT=4136K(Duv=-0.0003) Dominant WL:Ld =578.7nm WL:Lc = --nm Purity=24.1%  
 Ratio:R=17.9% G=78.7% B=3.4% Peak WL:Lp=449.2nm FWHM=22.6nm  
 Render Index:Ra=82.3

R1 =81 R2 =87 R3 =92 R4 =82 R5 =81 R6 =82 R7 =86  
 R8 =66 R9 =9 R10=70 R11=82 R12=62 R13=82 R14=96 R15=75

Photo Parameters:

Flux = 15741 lm Eff. : 0.00 lm/W Fe = 48.14 W  
 Scotopic:26727 S/P:1.698

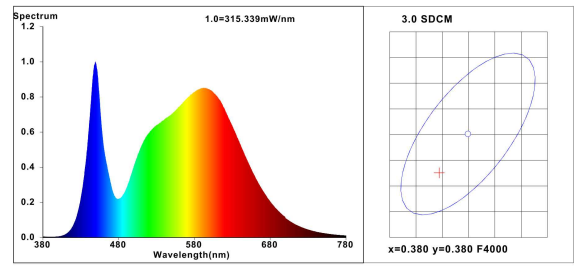
Electrical parameters:

V = 6.8762 V I = 0 A P = 0 W PF = 0  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 8 ms Ip = 45692 (70%)

Tester:DAMIN Number:1  
 Temperature:25.3Deg Date:2023-04-07 15:16:38  
 Manufacturer:0 Humidity:65.0%  
 Remarks:0.44A 230V 101.2W

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.3745$   $y=0.3724$   $u'=0.2229$   $v'=0.4987$   
 CCT=4136K(Duv=-0.0003) Dominant WL:Ld =578.7nm WL:Lc = --nm Purity=24.1%  
 Ratio:R=17.9% G=78.7% B=3.4% Peak WL:Lp=449.2nm FWHM=22.6nm  
 Render Index:Ra=82.3

R1 =81 R2 =87 R3 =92 R4 =82 R5 =81 R6 =82 R7 =86  
 R8 =66 R9 =9 R10=70 R11=82 R12=62 R13=82 R14=96 R15=75

Photo Parameters:

Flux = 15741 lm Eff. : 0.00 lm/W Fe = 48.14 W  
 Scotopic:26727 S/P:1.698

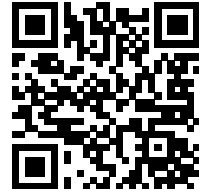
Electrical parameters:

V = 6.8762 V I = 0 A P = 0 W PF = 0  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 8 ms Ip = 45692 (70%)

Tester:DAMIN Number:1  
 Temperature:25.3Deg Date:2023-04-07 15:16:38  
 Manufacturer:0 Humidity:65.0%  
 Remarks:0.44A 230V 101.2W

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



**EPREL registration number:** 1553021

<https://eprel.ec.europa.eu/qr/1553021>

**Supplier:** ENOVATEK GmbH (Importer)

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

**Customer care service:**

**Name:** ENOVATEK GmbH

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

**Email:** [info@enovatek.de](mailto:info@enovatek.de)

**Phone:** +49 4461 / 7464233

**Address:**

Sillensteder Straße 213

26441 Jever

Germany