

# 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:** ELED500141

## 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

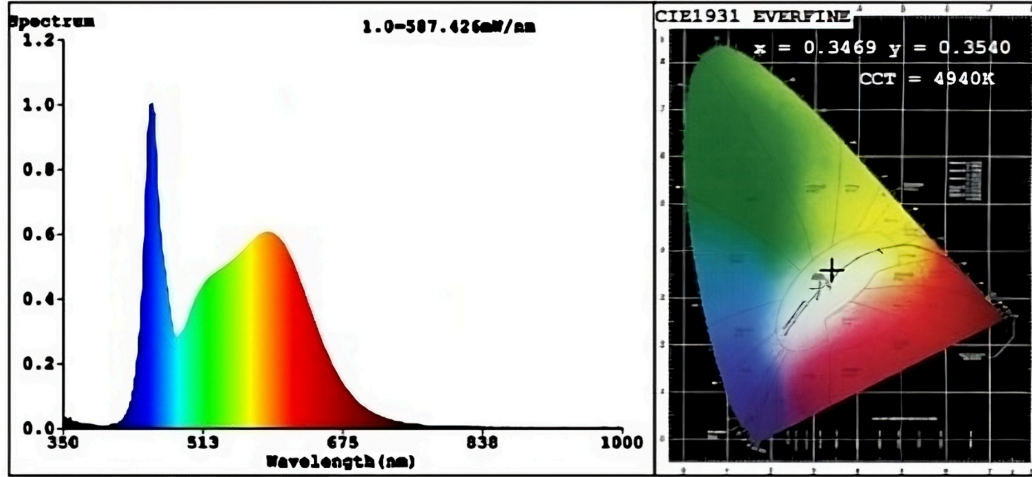
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	150	Energy efficiency class	C
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	25 500 in Wide cone (120°)	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	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	310	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	310	
	Depth	108	
			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)	0,346 0,359
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	80	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,50	Colour consistency in McAdam ellipses	5
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)	0,4	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3469 y=0.3540/u'=0.2117 v'=0.4861  
 CCT=4940K(Duv=0.0005) Dominant WL:Ld =573.0nm WL:Lc = --nm Purity=10.3%  
 Ratio:R=16.1% G=78.9% B=5.0% Peak WL:Lp=452.4nm FWHM=22.4nm  
 Render Index:Ra=84.2 AvgR=77.7 TM30:Rf=84 Rg=95

R1 =83 R2 =92 R3 =95 R4 =81 R5 =83 R6 =87 R7 =86  
 R8 =66 R9 =10 R10=80 R11=81 R12=59 R13=86 R14=98 R15=77

Photo Parameters:

Flux = 24113 lm Eff. : 165.27 lm/W Fe = 67.65 W  
 Scotopic:43079 S/P:1.9919

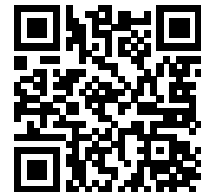
Electrical parameters:

V = 229.99 V I = 0.6480 A P = 145.9 W PF = 0.9786  
 LEVEL:OUT WHITE:ANSI\_5000K  
 Status: Integral T = 62 ms Ip = 38483 (59%)  
 GBT5702

Model: ELED500141  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number:150 W  
 Date:2023-06-15 15:42:27  
 Humidity:65.0%  
 Remarks:

Model placed on the Union market from 01/09/2023



**EPREL registration number:** 1620084

<https://eprel.ec.europa.eu/qr/1620084>

**Supplier:** ENOVATEK GmbH (Importer)

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

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