

# 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:** ELED500140

## 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

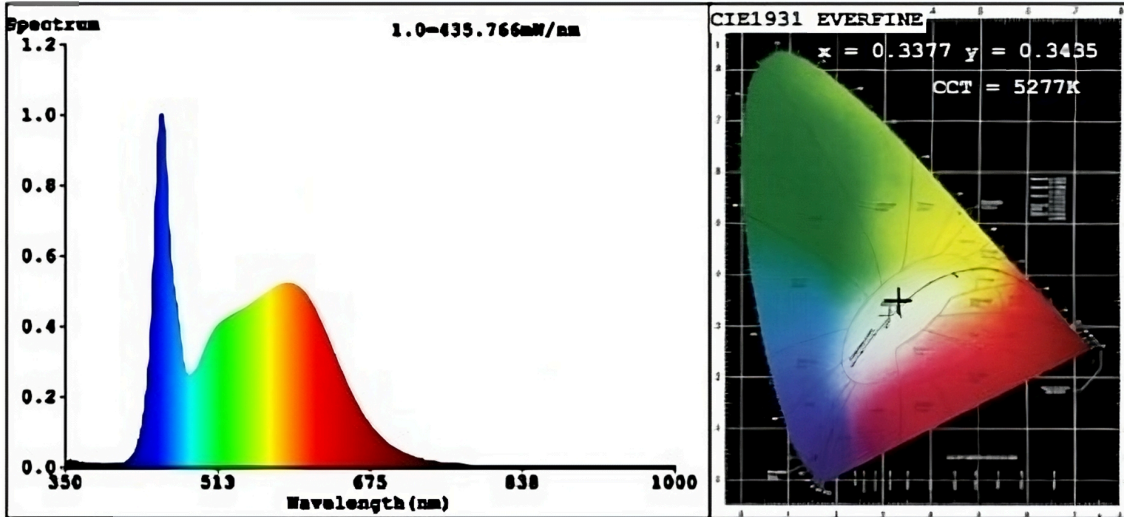
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	100	Energy efficiency class	C
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	17 000 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	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	270	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	270	
	Depth	107	
			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:  $x=0.3377$   $y=0.3435$   $u'=0.2095$   $v'=-0.4796$   
 CCT=5277K(Duv=-0.0010) Dominant WL:Ld =568.4nm WL:Lc = --nm Purity=4.4%  
 Ratio:R=15.8% G=78.8% B=5.3% Peak WL:Lp=452.3nm FWHM=21.1nm  
 Render Index:Ra=86.0 AvgR=80.3 TM30:Rf=84 Rg=96

R1 =85 R2 =93 R3 =95 R4 =85 R5 =86 R6 =88 R7 =86  
 R8 =69 R9 =18 R10=82 R11=85 R12=65 R13=88 R14=98 R15=81

Photo Parameters:

Flux = 15982 lm Eff. : 166.81 lm/W Fe = 45.20 W  
 Scotopic:29418 S/P:2.0773

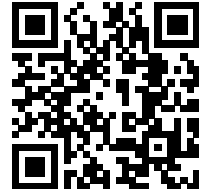
Electrical parameters:

V = 230.00 V I = 0.4267 A P = 95.81 W PF = 0.9762  
 LEVEL:OUT WHITE:ANSI\_5000K  
 Status: Integral T = 125 ms Ip = 55177 (840)  
 GBT5702

Model: ELED500140  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number: 100 W  
 Date:2023-06-15 15:38:36  
 Humidity:65.0%  
 Remarks:

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



**EPREL registration number:** 1620070

<https://eprel.ec.europa.eu/qr/1620070>

**Supplier:** ENOVATEK GmbH (Importer)

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**Customer care service:**

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