

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: ELED500151

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:	Yes

Product parameters

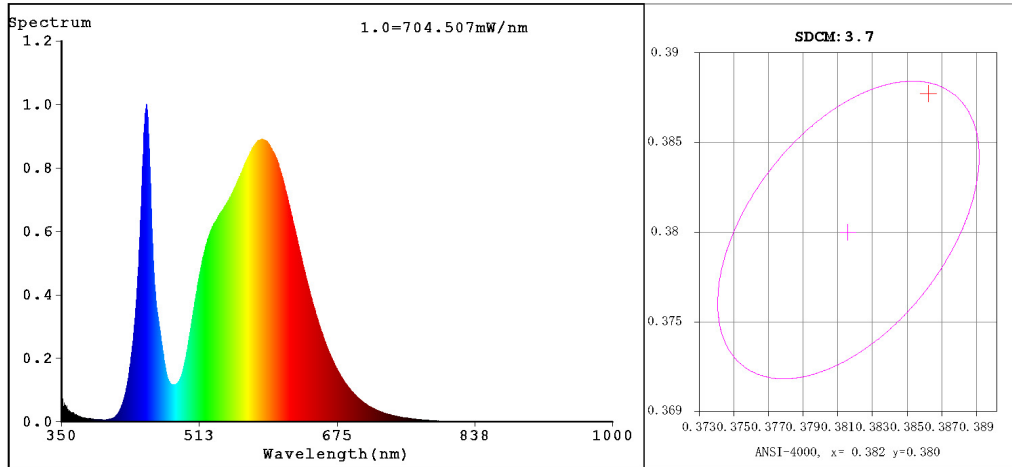
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	200	Energy efficiency class	C
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	34 000 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	4 000
On-mode power (P_{on}), expressed in W	200,0	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	70
Outer dimensions without separate control gear, lighting control	Height	300	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	300	
	Depth	138	
			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)	0,345 0,355
Parameters for LED and OLED light sources:			
R9 colour rendering index value	70	Survival factor	-
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,96	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)	0,4	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3865$ $y=0.3878$ / $u'=0.2247$ $v'=0.5072$
 CCT=3923K (Duv=0.0034) Dominant WL:Ld =577.8nm WL:Lc = --nm Purity=32.4%
 Ratio:R=16.93% G=80.69% B=2.37% Peak WL:Lp=450.2nm FWHM=17.7nm
 Render Index:Ra=72.7 AvgR=-33.7

R1 =69 R2 =80 R3 =88 R4 =72 R5 =69 R6 =72 R7 =81
 R8 =51 R9 =-34 R10=52 R11=68 R12=42 R13=71 R14=93 R15=62

Photo Parameters:

Flux = 34560 lm Eff. : 183.92 lm/W Fe = 97.77 W

Electrical parameters:

V = 219.89 V I = 0.8778 A P = 187.9 W PF = 0.9735

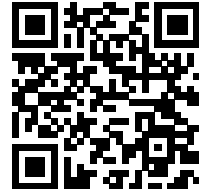
Status: Integral T = 45 ms Ip = 52246 (80%)

GBT5702

Model: ELED500151
 Tester: HL
 Temperature: 25.3Deg
 Manufacturer: FANMEI

Number: 1
 Date: 2024-06-15 10:16:04
 Humidity: 65.0%
 Remarks: 1572404002-1

Model placed on the Union market from 31/05/2024



EPREL registration number: 2012167

<https://eprel.ec.europa.eu/qr/2012167>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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