

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: ELED500152

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED		
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

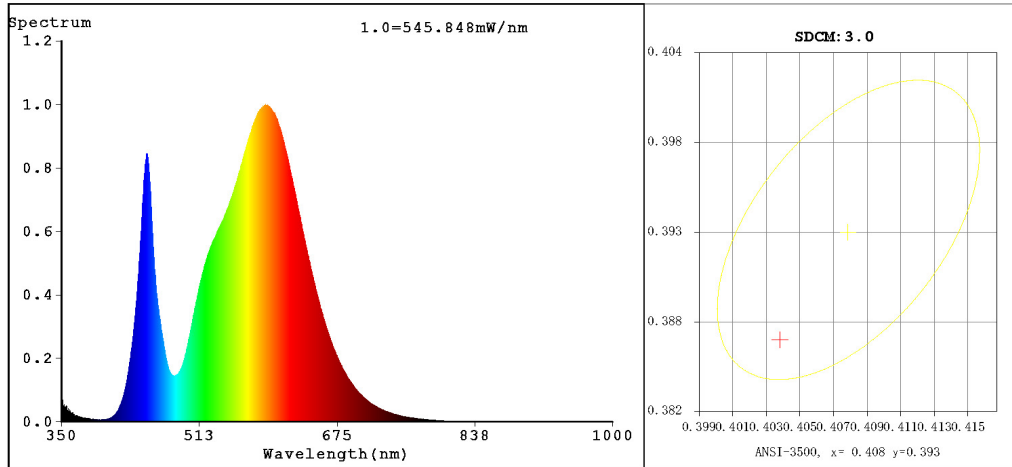
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	200	Energy efficiency class	D
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	28 000 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	3 500 or 4 500 or 5 500
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: $x=0.4037$ $y=0.3866$ / $u'=0.2364$ $v'=0.5093$
 CCT=3501K (Duv=-0.0015) Dominant WL:Ld =581.5nm WL:Lc = --nm Purity=37.2%
 Ratio:R=19.00% G=78.58% B=2.42% Peak WL:Lp=590.6nm FWHM=123.6nm
 Render Index:Ra=74.2 AvgR=-27.0

R1 =71 R2 =83 R3 =92 R4 =71 R5 =71 R6 =76 R7 =80
 R8 =49 R9 =-27 R10=60 R11=67 R12=51 R13=74 R14=96 R15=64

Photo Parameters:

Flux = 28089 lm Eff. : 141.44 lm/W Fe = 81.28 W

Electrical parameters:

V = 219.31 V I = 0.9269 A P = 198.6 W PF = 0.9769

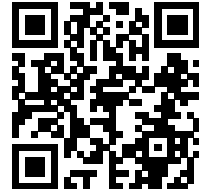
Status: Integral T = 51 ms Ip = 51041 (78%)

GBT5702

Model:ELED500152
 Tester:HL
 Temperature:25.3Deg
 Manufacturer:FANMEI

Number:4
 Date:2024-06-11 16:52:52
 Humidity:65.0%
 Remarks:1572404002-2

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



EPREL registration number: 2012175

<https://eprel.ec.europa.eu/qr/2012175>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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