

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: ELED700101

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD5050		
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

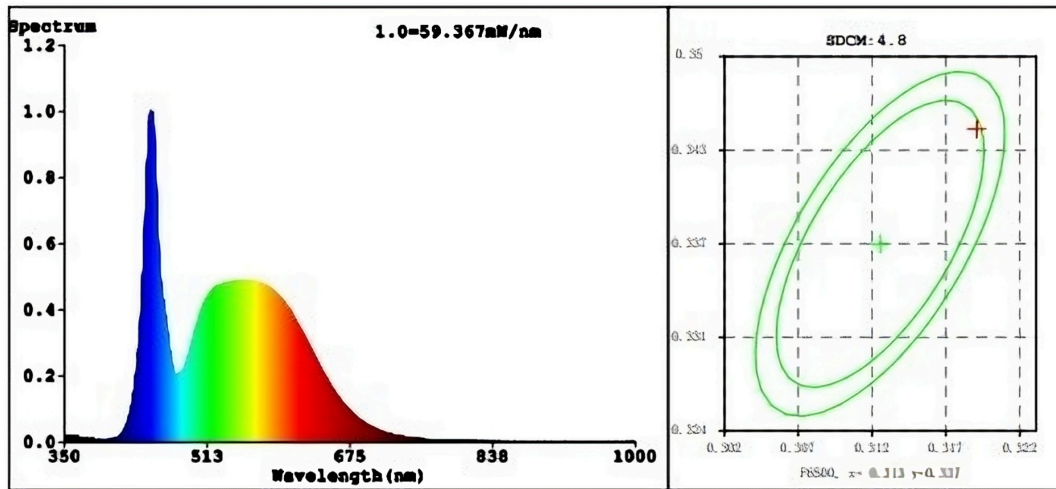
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 850 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	6 500
On-mode power (P_{on}), expressed in W	20,0	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	2	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	100	
	Depth	5 000	
			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)	0,313 0,337
Parameters for LED and OLED light sources:			
R9 colour rendering index value	80	Survival factor	-
the lumen maintenance factor	-		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_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: $x=0.3195$ $y=0.3448/u'=-0.1967$ $v'=0.4775$
 CCT=6078K (Duv=0.0078) Dominant WL:Ld =502.8nm WL:Lc = --nm Purity=4.2%
 Ratio:R=13.2% G=81.9% B=4.9% Peak WL:Lp=449.0nm FWHM=18.8nm
 Render Index:Ra=80.1 AvgR=72.2 TM30:Rf=82 Rg=93

R1 =77 R2 =84 R3 =89 R4 =81 R5 =79 R6 =79 R7 =87
 R8 =66 R9 =0 R10=62 R11=80 R12=57 R13=78 R14=94 R15=71

Photo Parameters:

Flux = 1866 lm Eff. : 92.89 lm/W Fe = 5.839 W
 Scotopic:3988.9 S/P:2.1377

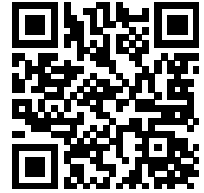
Electrical parameters:

V = 23.997 V I = 0.8371 A P = 20.09 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_6500K
 Status: Integral T = 841 ms Ip = 48931 (75%)
 GBT5702

Model: ELED700101
 Tester:
 Temperature: 25.3Deg
 Manufacturer:

Number: 4485
 Date: 2023-05-29 15:10:17
 Humidity: 65.0%
 Remarks:

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



EPREL registration number: 1621458

<https://eprel.ec.europa.eu/qr/1621458>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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