

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: ELED700111

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

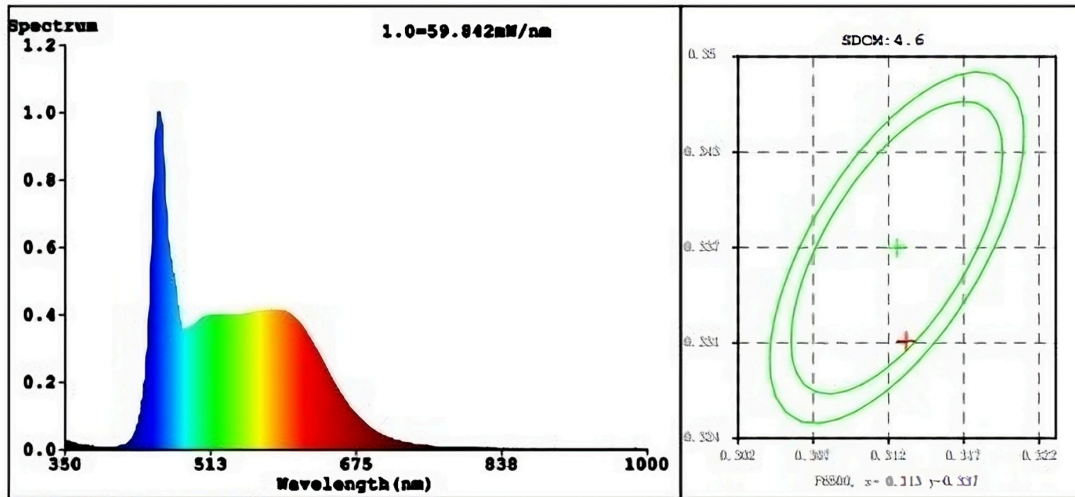
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	19	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 700 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	19,0	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	88
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	12	
	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	88	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: $x=0.3136$ $y=0.3308/u'=-0.1978$ $v'=-0.4694$
 CCT=6442K(Duv=0.0036) Dominant WL:Ld =490.0nm WL:Lc = --nm Purity=6.8%
 Ratio:R=14.6% G=78.1% B=7.3% Peak WL:Lp=454.7nm FWHM=24.5nm
 Render Index:Ra=88.8 AvgR=85.0 TM30:Rf=86 Rg=94

R1 =90 R2 =99 R3 =93 R4 =84 R5 =89 R6 =94 R7 =86
 R8 =75 R9 =38 R10=97 R11=87 R12=66 R13=95 R14=96 R15=86

Photo Parameters:

Flux = 1697 lm Eff. : 86.80 lm/W Fe = 5.696 W
 Scotopic:4122.4 S/P:2.4292

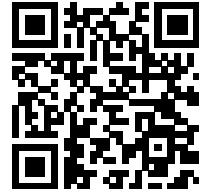
Electrical parameters:

V = 23.997 V I = 0.8147 A P = 19.55 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_6500K
 Status: Integral T = 790 ms Ip = 49168 (75%)
 GBT5702

Model: ELED700111
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:1
 Date:2023-06-09 15:04:56
 Humidity:65.0%
 Remarks:

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



EPREL registration number: 1630665

<https://eprel.ec.europa.eu/qr/1630665>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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