

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: ELED700110

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

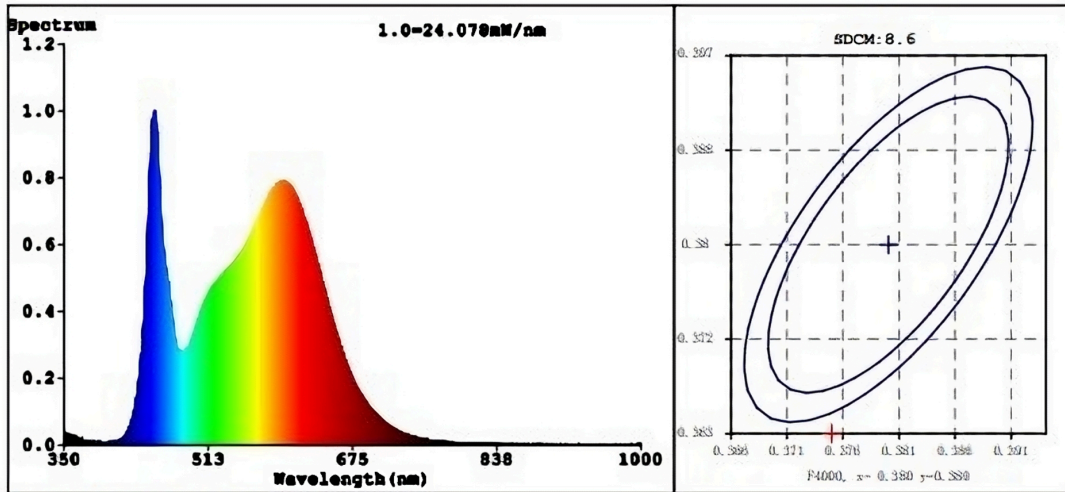
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 050 in Narrow cone (90°)	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	12,0	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	85
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	10	
	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)	0,380 0,380
Parameters for LED and OLED light sources:			
R9 colour rendering index value	85	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: $x=0.3750$ $y=0.3597/u'=0.2284$ $v'=0.4930$
 CCT=4026K (Duv=-0.0066) Dominant WL:Ld =583.8nm WL:Lc = --nm Purity=20.4%
 Ratio:R=19.2% G=76.6% B=4.2% Peak WL:Lp=452.4nm FWHM=23.7nm
 Render Index:Ra=85.9 AvgR=81.0 TM30:Rf=84 Rg=97

R1 =86 R2 =94 R3 =95 R4 =84 R5 =86 R6 =90 R7 =84
 R8 =67 R9 =21 R10=85 R11=84 R12=69 R13=89 R14=98 R15=81

Photo Parameters:

Flux = 1047 lm Eff. : 81.31 lm/W Fe = 3.313 W
 Scotopic:1847.9 S/P:1.7647

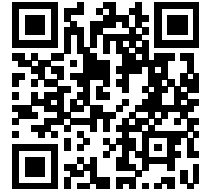
Electrical parameters:

V = 11.998 V I = 1.073 A P = 12.88 W PF = 1.000
 LEVEL:OUT WHITE:OUT
 Status: Integral T = 1458 ms Ip = 47561 (73%)
 GBT5702

Model: ELED700110
 Tester:
 Temperature: 25.3Deg
 Manufacturer:

Number: 4
 Date: 2023-06-09 14:34:00
 Humidity: 65.0%
 Remarks:

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



EPREL registration number: 1630651

<https://eprel.ec.europa.eu/qr/1630651>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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