

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: ELED700107

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

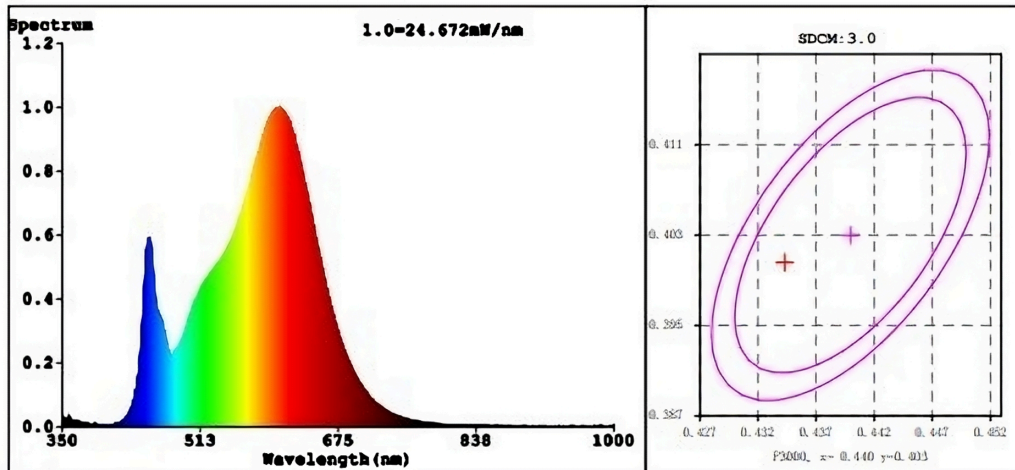
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	13	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 200 in Nar-row 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	3 000
On-mode power (P_{on}), expressed in W	13,0	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	84
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,440 0,403	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	84	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: $x=0.4343$ $y=0.4007$ $u'=0.2504$ $v'=0.5196$
CCT=3016K(Duv=-0.0010) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=50.6%
Ratio:R=23.2% G=73.9% B=2.9% Peak WL:Lp=605.9nm FWHM=123.8nm
Render Index:Ra=84.3 AvgR=79.4 TM30:Rf=85 Rg=96

R1 =84 R2 =94 R3 =94 R4 =82 R5 =84 R6 =93 R7 =82
R8 =60 R9 =12 R10=86 R11=83 R12=75 R13=87 R14=98 R15=76

Photo Parameters:

Flux = 1186 lm Eff. : 90.07 lm/W Fe = 3.637 W
Scotopic:1653.4 S/P:1.3941

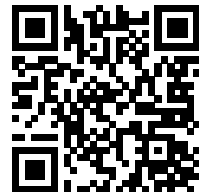
Electrical parameters:

V = 11.998 V I = 1.097 A P = 13.17 W PF = 1.000
LEVEL:OUT WHITE:ANSI_3000K
Status: Integral T = 1144 ms Ip = 48369 (74%)
GBT5702

Model: ELED700107
Tester:
Temperature:25.3Deg
Manufacturer:

Number:1
Date:2023-06-09 14:43:54
Humidity:65.0%
Remarks:

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



EPREL registration number: 1630571

<https://eprel.ec.europa.eu/qr/1630571>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

Name: ENOVATEK GmbH

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