

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, Am Hillernsen Hamm 2, 26441 Jever, DE

Model identifier: ELED700105

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

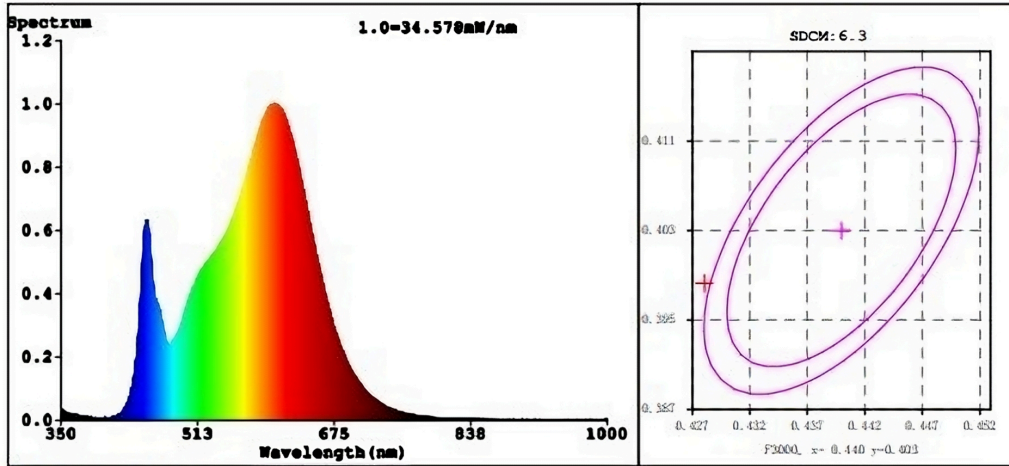
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	18	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	3 000
On-mode power (P_{on}), expressed in W	18,0	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)	0,440 0,403
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: $x=0.4281$ $y=0.3984$ / $u'=-0.2473$ $v'=-0.5178$
 CCT=3108K (Duv=-0.0010) Dominant WL: $\lambda_d=582.8\text{nm}$ WL:Lc = --nm Purity=48.1%
 Ratio: R=22.7% G=74.3% B=3.0% Peak WL: $\lambda_p=604.9\text{nm}$ FWHM=130.5nm
 Render Index: Ra=84.6 AvgR=79.6 TM30: Rf=85 Rg=96

R1 =84 R2 =94 R3 =95 R4 =83 R5 =85 R6 =92 R7 =83
 R8 =61 R9 =13 R10=86 R11=83 R12=75 R13=87 R14=98 R15=76

Photo Parameters:

Flux = 1700 lm Eff. : 91.99 lm/W $\Phi_e = 5.207\text{ W}$
 Scotopic: 2433.1 S/P: 1.4309

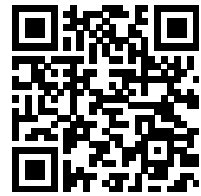
Electrical parameters:

V = 23.997 V I = 0.7703 A P = 18.48 W PF = 1.000
 LEVEL: OUT WHITE: ANSI_3000K
 Status: Integral T = 861 ms $I_p = 50930$ (78%)
 GBT5702

Model: ELED700105
 Tester:
 Temperature: 25.3Deg
 Manufacturer:

Number: 1
 Date: 2023-06-09 15:10:09
 Humidity: 65.0%
 Remarks:

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



EPREL registration number: 1630530

<https://eprel.ec.europa.eu/qr/1630530>

Supplier: ENOVATEK GmbH (Importer)

Website:

Customer care service:

Name: ENOVATEK GmbH

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