

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: ELED200134

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD		
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	50	Energy efficiency class	E
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°)	5 500 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	4 000
On-mode power (P_{on}), expressed in W	50,0	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	75	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	80	
	Depth	1 500	
			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)	0,382 0,380
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)	0,90	Colour consistency in McAdam ellipses	6
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)	1,0	Stroboscopic effect metric (SVM)	0,4

(a)-: not applicable;

(b)-: not applicable;

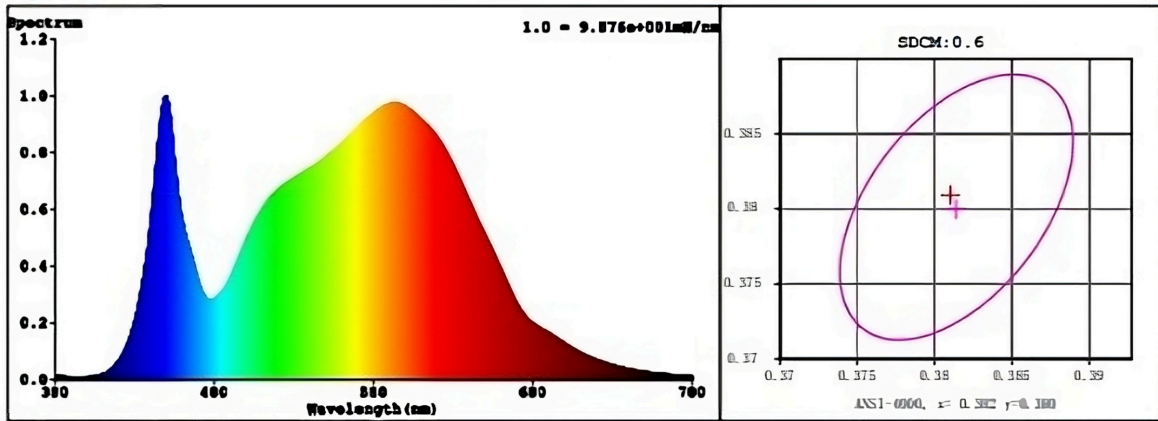
Spectrum Test Report

Sample :	Date : 2023-04-19 13:55:10
Specification : ELED200134	Sam. Status : 4000K.乳白
Sample No. : D06-01	Standard :
Manufacturer : YUANHUI	Instrument : HaasSuite(EVERFINE)
Assessor : damin	Test by : 011
Remark :	
Device SN :	

Test Condition

Temperature : 28.1 °C	RH : 65.0%
WL Range : 380nm-780nm	IP : 47581 (73%)
Test Mode : Fast Test High	T : 53 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3814$ $y = 0.3807$ / $u' = 0.2242$ $v' = 0.5035$ ($duv=1.54e-03$) $Dx, Dy: 0.0011, 0.0040$
 CCT= 4002K Prcp WL: $L_d=578.3nm$ Purity=28.7%
 Peak WL: $L_p=450nm$ FWHM: =23.7nm Ratio:R=18.3% G=78.2% B=3.6%
 Render Index: $R_a = 83.6$ $AvgR = 77.1$

R1 =82 R2 =89 R3 =95 R4 =83 R5 =82 R6 =85 R7 =87
 R8 =66 R9 =11 R10=74 R11=83 R12=65 R13=83 R14=97 R15=75

LEVEL:OUT WHITE:ANSI_4000K

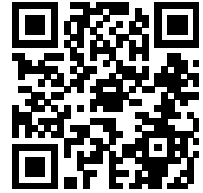
Photometric & Radiometric Parameters

Flux = 5585.3 lm Eff. : 107.13 lm/W $F_e = 16.919 W$
 EEI: 0.12715 A+
 EEC: 107.1 F

Electrical parameters

V = 229.78 V I = 0.2371 A P = 52.13 W PF = 0.9571 F=50.00 Hz
 Kdisp = 0.9757

Model placed on the Union market from 16/02/2023



EPREL registration number: 1480868

<https://eprel.ec.europa.eu/qr/1480868>

Supplier: ENOVATEK GmbH (Importer)

Website: www.enovatek.de

Customer care service:

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